

January 31, 1994

MERIDIAN OIL

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (2)
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501-2088

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARriba COUNTY, NEW MEXICO
1994 PLAN OF DEVELOPMENT**

Gentlemen:

By letters dated February 25 & October 11, 1993, Meridian Oil Inc., as Unit Operator, for the referenced Unit, filed the Plan of Development and First Amendment for the calendar year 1993. These programs provided for the drilling of five (5) Mesaverde wells, one (1) Fruitland well and one (1) Pressure Observation well. All of the wells were drilled with the exception of the #66R, MV, W/2 14-30N-7W which is being carried over for development this year.

As of this date, the total number of wells in the San Juan 30-6 Unit are as follows:

Fruitland, Commercial (Based upon approved 30th expansion)	96
Fruitland Coal, Being Evaluated	1
Fruitland, Non-Commercial	2
Fruitland, Pressure Observation Wells	4
Fruitland, Temporarily Abandoned	2
Fruitland, Plugged & Abandoned	2
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	137
Mesaverde/Dakota, Dakota, Non-Commercial	1
Mesaverde, Plugged & Abandoned	15
Pennsylvanian, Plugged & Abandoned	2
Salt Water Disposal Wells	<u>2</u>
	266

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, Meridian Oil Inc., as Unit Operator, is submitting a Plan of Development providing for the drilling of the following wells during the calendar year 1994:

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-6 Unit #66R	W/2 14-30N-7W	Mesaverde
San Juan 30-6 Unit #66	W/2 14-30N-7W	Recompletion from Mesaverde to Pictured Cliffs
San Juan 30-6 Unit #92A	E/2 33-30N-7W	Pictured Cliffs/Mesaverde dual

All of the working interest owners have been contacted regarding this Plan of Development. Meridian Oil Inc., and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

In accordance with Section 10 of the Unit Agreement, please advise of your approval by executing in the space provided below and return a copy to the undersigned.

Please contact Linda Donohue at 326-9760 if there are any questions regarding this letter

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Kent Beers
Attorney-in-Fact



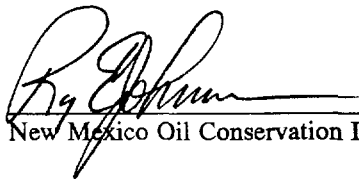
KB/LD/pr
ldjan.31
Enclosures

SJ 30-6 Unit, 3.0 (1994)

1994 PLAN OF DEVELOPMENT APPROVALS

Bureau of Land Management

Date



New Mexico Oil Conservation Division

2/14/94
Date

New Mexico Commission of Public Lands

Date

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

**James M Raymond, Individually & as Trustee for
Corinne Miller Gay & Maydell Miller Mast Trusts**

Amoco Production Company

The Wiser Oil Company

Southland Royalty Company

W. P. Carr

Conoco Inc.

El Paso Production Company

Global Natural Resources Corporation

Cinco General Partnership

T. H. and Nancy L. Harrington

Koch Industries - deep rights

T. H. McElvain Oil & Gas Ltd. Partnership

Meridian Oil Production Inc.

Moore Loyal Trust

**Mosbacher USA Inc.,
Jane P. Mosbacher Est Trust**

Emil Mosbacher, III

John David Mosbacher

Emil Mosbacher, Jr.

R. Bruce Mosbacher

Phillips Petroleum Company

St. Johns Institutional Investment

J. Glenn Turner, Jr.

Paul H. Umbach Estate

William G. Webb

Williams Production Company

**Atlantic Richfield Co., as Agent
for Vastar Resources, Inc., Principal**

January 31, 1994

MERIDIAN OIL

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

PLEASE RETURN TO
LAND-FARMINGTON

Oil Conservation Division (2)
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501-2088

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARriba COUNTY, NEW MEXICO
1994 PLAN OF DEVELOPMENT**

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PLEASE RETURN TO
LAND-FARMINGTON

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Please contact Linda Donohue at 326-9760 if there are any questions regarding this letter

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Very truly yours,



Kent Beers
Attorney-in-Fact



KB/LD/pr
ldjan.31
Enclosures

SJ 30-6 Unit, 3.0 (1994)

1994 PLAN OF DEVELOPMENT APPROVALS

Bureau of Land Management

Date

New Mexico Oil Conservation Division

Date

New Mexico Commission of Public Lands

Date

MERIDIAN OIL

January 21, 1993

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

New Mexico Oil Conservation Division (2)
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504-2088

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARriba COUNTY, NEW MEXICO
FRUITLAND PARTICIPATING AREA
24TH EXPANSION - EFFECTIVE 7/1/90
25TH EXPANSION - EFFECTIVE 8/1/90
26TH EXPANSION - EFFECTIVE 11/1/90
27TH EXPANSION - EFFECTIVE 12/1/90
28TH EXPANSION - EFFECTIVE 1/1/91
29TH EXPANSION - EFFECTIVE 2/1/91**

Gentlemen:

Pursuant to Section 11 (a) of the referenced Unit Agreement, approved April 30, 1953, Meridian Oil Inc., as Unit Operator, has determined on the dates indicated below that the following wells are capable of producing unitized substances in paying quantities from the Fruitland Coal formation and thereby should be admitted to the Fruitland Participating Area.

Twenty-Fourth Expansion - Effective 7/1/90 - Total P/A Acres = 25,805.48

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#423 E/2 28-30N-7W 320.00 acres	Tr. 23A/320.00	E/2	6/2/90

Twenty-Fourth Expansion Continued...

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#424 W/2 33-30N-07W 320.00 acres	Tr. 23B/320.00	W/2	6/3/90
#425 E/2 33-30N-07W 320.00 acres	Tr. 23B/320.00	E/2	6/9/90

Twenty-Fifth Expansion - Effective 8/1/90 - Total P/A Acres = 26,125.48

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#429 E/2 32-30N-07W 320.00 acres	Tr. 42/80.00 Tr. 48/160.00 Tr. 45/40.00 Tr. 44/40.00	N/2 NE/4 SE/4 SW/4 NE/4 SE/4 NE/4	7/2/90

Twenty-Sixth Expansion - Effective 11/1/90 - Total P/A Acres = 26,445.48

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#428 W/2 28-30N-07W 320.00 acres	Tr. 7/40.00 Tr. 23/280.00	SW/4 SW/4 NW/4, N/2 SW/4, SE/4 SW/4	10/6/90

Twenty-Seventh Expansion - Effective 12/1/90 - Total P/A Acres = 27,725.55

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#493 W/2 32-30N-06W 320.00 acres	Tr. 38/160.00 Tr. 41/160.00	NW/4 SW/4	11/8/90
#494 E/2 33-30N-06W 320.00 acres	Tr. 14/61.01 Tr. 30/160.00 Tr. 51/98.99	Lots 1 & 2 S/2 NE/4, N/2 SE/4 N/2 NE/4, Part of Tr. 45 in E/2	11/25/90

Twenty-Seventh Expansion Continued ...

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#495 (IDB) W/2 33-30N-06W 320.07 acres	Tr. 14A/96.07 Tr. 32/14.47 Tr. 51/209.53	Lots 3,4, NW/4 SW/4 Tr. 44 in W/2 NW/4, NE/4 SW/4, Tr. 45 in W/2	12/5/90
#501 E/2 32-30N-06W 320.00 acres	Tr. 38/160.00 Tr. 41/160.00	NE/4 SE/4	11/17/90

Twenty-Eighth Expansion - Effective 1/1/91 - Total P/A Acres = 28,254.91

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#491 W/2 25-30N-06W 320.00 acres	Tr. 1C/320.00	W/2	12/21/90
#499 W/2 30-30N-07W 209.36 acres	Tr. 7/209.36	Lots 5-8, E/2 W/2	12/19/90

Twenty-Ninth Expansion - Effective 2/1/91 - Total P/A Acres = 29,884.31

<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#487 W/2 23-30N-06W 320.00 acres	Tr. 1/320.00	W/2	1/21/91
#488 E/2 24-30N-06W 228.52 acres	Tr. 1/228.52	Lots 1-4, W/2 E/2	1/27/91
#489 W/2 24-30N-06W 320.00 acres	Tr. 1A/320.00	W/2	1/14/91

BLM, NMOCD, CPL
January 21, 1993
Page Four

Twenty-Ninth Expansion Continued ...

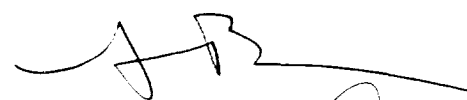
<u>WELL NO./ DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#490 E/2 25-30N-06W 229.56 acres	Tr. 1/17.46 Tr. 1B/212.10	Lot 4 Lots 1-3, W/2 E/2	1/7/91
#500 W/2 31-30N-07W 211.32 acres	Tr. 7/211.32	Lots 5-8, E/2 W/2	1/12/91
#486 (IDB) E/2 23-30N-06W 320.00 acres	Tr. 1/240.00 Tr. 1B/80.00	W/2 E/2, E/2 SE/4 E/2 NE/4	2/5/91

An economic summary sheet is attached for your information for each well's commerciality. The expansion schedules for the Twenty-Fourth to Twenty-Ninth Participating Areas are also enclosed. The schedules describe each participating area and show the percentage of unitized substances allocated to the tracts according to the ownership within the tracts.

We would appreciate your consideration of these expansions as soon as possible. Please contact Linda Donohue at (505) 326-9760 if there are any questions regarding this matter.

The working interest owners on the attached sheet are being furnished copies of this letter and schedules for their review.

Yours very truly,



Kent Beers
Regional Land Manager

KB/lr
janld/10-13

SJ 30-6, 4.5

**SAN JUAN 30-6 UNIT
FRUITLAND PARTICIPATING AREA AND FRUITLAND DRILL BLOCK OWNERS**

Amoco Production Company

The Wiser Oil Company

Arco Oil & Gas Company

W. P. Carr

Conoco Inc.

El Paso Production Company

**Frank D. Gorham, Jr., on behalf of
Cuesta Production Company and
Questa Petroelum Inc. as
Agent for William G. Webb**

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

**T. H. McElvain Oil & Gas Properties on behalf of:
Catherine M. Harvey, Catherine B. McElvain, T. H. McElvain, Jr.**

Meridian Oil Production Inc.

Morris Mizel

Moore Loyal Trust

**Mosbacher Energy Company
Emil Mosbacher III, R. Bruce Mosbacher,
John David Mosbacher, Mosbacher USA Inc.,
Clint S. Inc., Robert Adam Mosbacher**

Phillips Petroleum Company

**Prudential Bache
c/o Graham Royalty**

**James M. Raymond, Individually and as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts**

Southland Royalty Company

St. John's Institutional Investment Ltd.

Paul H. Umbach Estate

Williams Production Company



RAY B. POWELL
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 27, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Ms. Linda Donohue

Re: Designation of Agent
Meridian Oil Inc. to Phillips Petroleum Company
San Juan 30-6 Unit Well No. 498R, Fruitland
E½ Section 30-30N-07W
Rio Arriba County, New Mexico

Dear Ms. Donohue:

This office is in receipt of your letter of October 11, 1993, wherein Meridian Oil Inc. as the current San Juan 30-6 Unit operator is designating Phillips Petroleum Company as an Agent to drill and complete the above referenced Fruitland well within the San Juan 30-6 Unit.

Please be advised that the Commissioner of Public Lands has this date approved your request.

It is our understanding that the Designation of Agent does not relieve the Unit Operator of any of its responsibilities nor does it give the Designation of Agent an assignment of interest and is temporary.

Our approval is subject to like approval by the Bureau of Land Management.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744

RBP/FOP/pm

cc: Reader File
BLM-Attn: Mr. Duane Spencer
OCD



RAY B. POWELL
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 21, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. Kent Beers

Re: San Juan 30-6 Unit
28th thru 30th Expansions Approved
Fruitland Coal Participating Area
Rio Arriba County, New Mexico

Dear Mr. Beers:

This office is in receipt of your letter of September 23, 1993, requesting approval of the 28th through 30th Expansions of the Fruitland Coal Participating Area for the San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Bureau of Land Management has advised this office by their letter of October 8, 1993, that they have approved the Fruitland Coal Expansions 28 through 30 of the San Juan 30-6 Unit.

The Commissioner of Public Lands concurs with the Bureau of Land Management's commercial well determinations and has this date approved the above mentioned participating areas effective as follows:

The 28th Expansion is based upon the successful completion of the Well Nos. 491 and 499. This expansion is effective January 1, 1991.

The 29th Expansion is based upon the successful completion of the Well Nos. 486, 487, 488, 489, 490 and is effective February 1, 1991.

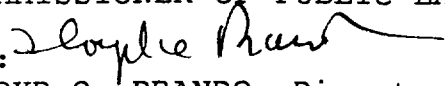
The 30th Expansion is based upon the successful completion of Well No. 497 and is effective July 1, 1991.

Meridian Oil, Inc.
Page 2
October 21, 1993

If you have any questions, or if we may be of further help,
please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M
COMMISSIONER OF PUBLIC LANDS

BY: 

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744

RBP/FOP/pm

cc: Reader File
BLM-Farmington
TRD
OCD

MERIDIAN OIL

OIL CONSERVATION DIVISION
FARMINGTON, NM
OCT 11 1993 9 00 AM

October 11, 1993

Bureau of Land Management
Attn: Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
DESIGNATION OF AGENT
MERIDIAN OIL INC. TO PHILLIPS PETROLEUM
SAN JUAN 30-6 UNIT #498R, FRUTTLAND
E/2 SECTION 30-T30N-R7W
RIO ARriba COUNTY, NEW MEXICO**

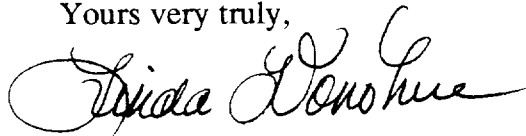
Dear Gentlemen:

Please find enclosed for your further handling the referenced document.

We would appreciate your concurrence to the Designation being provided to the undersigned.

If there are any questions, please call me at 326-9760.

Yours very truly,



Linda Donohue
Senior Landman

LD/pr
ldoct.5

xc: New Mexico Oil Conservation Division
New Mexico Commissioner of Public Lands

September 10, 1993

DESIGNATION OF AGENT

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Bureau of Land Management, Unit Operator under the San Juan 30-6 Unit Agreement, Rio Arriba County, New Mexico, No. 14-08-001-538 approved and effective on April 30, 1953.

and hereby designates:

Name: Phillips Petroleum Company
Address: 5525 Hwy. 64 NBU 3004
Farmington, NM 87401

as its agent, with full authority to act on its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the authorized officer or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing the following unit well:

San Juan 30-6 Unit #498R, E/2 Section 30, T30N, R7W Fruitland

It is understood that this designation of agent does not relieve the unit operator of responsibility for compliance with the terms of the unit agreement and the oil and gas operating regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the unit operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his duly authorized representative.

The unit operator agrees promptly to notify the authorized officer of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement, and a designated agent may not designate another party as agent.

This designation is given only to enable the agent herein designated to drill the above specified unit wells. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate office of the Bureau of Land Management a completed file of all required Federal reports pertaining to the subject wells. It is also understood that this Designation of Agent is

limited to Field Operations and does not include administrative actions requiring specific authorization of the unit operator.

This Designation of Agent shall be effective until the San Juan 30-6 Unit #498R well has been drilled and completed, but in no event later than September 1, 1994. Phillips agrees to provide Operator with written notice immediately after the well is completed.

Operator will assume operatorship upon termination of this Designation of Agent.

Kent Beers, Attorney-in-Fact
MERIDIAN OIL INC.

September 10, 1993
Date

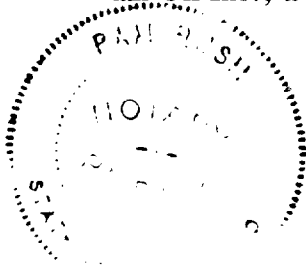
[Signature]
Unit Operator

ACKNOWLEDGMENT

STATE OF NEW MEXICO

COUNTY OF RIO ARRIBA

The foregoing instrument was acknowledged before me this 10th day of September, 1993 by Kent Beers, as Attorney-in-Fact of Meridian Oil Inc., a Delaware Corporation on behalf of the corporation.



[Signature]
Notary Public

My Commission Expires

April 16, 1997

EXHIBIT "A"

DESIGNATION OF AGENT

Phillips Petroleum Company ("Agent") indicates its acceptance of this Designation of Agent by placing its authorized signature in the space provided below and agrees to drill and complete or plug and abandon said San Juan 30-6 Unit Well #498R as a reasonable and prudent operator in accordance with the terms and conditions of the San Juan 30-6 Unit Agreement and the San Juan 30-6 Unit Operating Agreement, and also agrees to the following conditions. Agent shall:

1. Submit to Operator's representative for approval all casing programs and equipment specifications prior to the drilling of any well.
2. Notify Operator when drilling Operations are commenced.
3. Furnish Operator with complete daily driller's tour report, at Agent's expense.
4. Furnish Operator with daily reports by telephone call or facsimile at Agent's expense, as to the formation or formations penetrated during the previous day's drilling, the depth at which each formation is encountered, and the depth at which the report is made.
5. Allow representatives of Operator access to the derrick floor at all times at their sole risk and expense.
6. Notify Operator of intentions to core, drill stem test, stimulate, or run well surveys in sufficient time to enable Operator's representatives to be present; and also notify Operator in sufficient time in order that Operator may attend and witness any and all potential tests and packer leakage test.
7. Cause all cores having shows of oil and gas to be analyzed by a competent core analysis laboratory. Three preliminary and three final copies of any conventional core analysis will be furnished to Operator. Any special core analysis performed at the request of Agent will be considered proprietary information and will be paid for solely by Agent.
8. Furnish Operator three field prints and five final prints of all well surveys made during drilling or upon completion of wells.
9. Furnish Operator a representative and adequate cut of all cores and ditch samples taken during the drilling of wells.
10. Provide Operator with copies of drilling time records, hole deviation tests and all records required by the governmental agencies having jurisdiction of the wells.
11. Notify of any intention to plug and abandon wells and allow Operator forty-eight (48) hours in which to concur.
12. Furnish the Bureau of Land Management and the Oil Conservation Division of the State of New Mexico all proper and necessary reports and well data in the required numbers and time periods as specified by the Bureau of Land Management and the Oil Conservation Division of the State of New Mexico, with a copy to Operator at the addresses hereinafter provided.

13. Provide the Commissioner of Public Lands of the State of New Mexico with copies of all reports and other well data submitted in accordance with the preceding paragraph.
14. Comply with all regulations of the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) as such may be amended from time to time, and pay any costs, fees, and claims including attorneys fees and penalties imposed because of Agent's failure to comply with FOGRMA regulations.

Agent agrees to indemnify and defend Operator and all of Operator's affiliated and subsidiary companies and the agents, servants and employees of Operator and all of its affiliated and subsidiary companies and to save and hold them harmless from and against any and all claims or liability (including court costs and attorney fees) for damage or loss of property of all character; from and against any and all claims for death, or injury to persons, including, but not limited to, employees or agents of Agent resulting from or arising out of the operations conducted or caused or permitted to be conducted by Agent in connection with the wells described herein above; and from and against any and all claims for labor and materials and any other costs and expense in connections with Agent's operations hereunder.

Such indemnity by Agent shall apply to any loss or damage or personal injury or death:

- (i) which arises directly, indirectly or incident to the Agent's operation;
- (ii) without regard to cause or causes thereof, including, without limitation, strict liability, breach of warranty (express or implied), imperfection of materials, condition of an premises or transport to or from such premises;
- (iii) whether the claim therefore is based on common law, civil law or statute.

However, such indemnity by Agent shall not apply and may not be relied upon by Operator to the extent that any claim or liability is found by a court or other tribunal of competent jurisdiction to have been caused by the gross negligence or willful misconduct of Operator.

All notices, samples or other information required to be furnished shall be sent to:

Meridian Oil Inc.
Attn: Linda Donohue
P.O. Box 4289
Farmington, NM 87499
Telephone (505) 326-9760
Fax No. (505) 326-9781

Phillips Petroleum Company

9/27/93

Date

By: R. A. Fletcher

ACKNOWLEDGMENT

STATE OF NEW MEXICO

COUNTY OF RIO ARRIBA

The foregoing instrument was acknowledged before me this 27th day of September, 1993 by R. G. Flesher, as Attorney-in-Fact of Phillips Petroleum Company, a Delaware corporation on behalf of the corporation.

Lathem Burleson
Notary Public

My Commission Expires:

MERIDIAN OIL

OIL CONSERVATION DIVISION
October 11, 1993
10 9 00

Bureau of Land Management (2)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

New Mexico Oil Conservation Division (1)
P.O. Box 2088
Santa Fe, NM 87504

Commissioner of Public Lands (1)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
FIRST AMENDMENT
1993 PLAN OF DEVELOPMENT
RIO ARRIBA COUNTY, NEW MEXICO**

Gentlemen:

By letter dated February 25, 1993 Meridian Oil Inc., as Unit Operator, filed the original Plan of Development for 1993.

Subsequently, the following wells have been proposed to be included in the 1993 Plan of Development:

<u>WELL NAME</u>	<u>DRILL BLOCK</u>	<u>FORMATION</u>
San Juan 30-6 Unit #498R	E/2 30-30N-7W	Fruitland Coal
San Juan 30-6 Unit #66R	W/2 14-30N-7W	Mesaverde Redrill
San Juan 30-6 Unit POW #2	NW 33-30N-6W	Pressure Observation Well

The working interest owners are being contacted regarding the amended Plan of Development and the required approvals will be obtained prior to the drilling of the above wells.

If the First Amendment to the 1993 Plan of Development is acceptable please signify your approval in writing, as required under Section 10 of the Unit Agreement. A copy of this letter is not necessary to be returned for our files so we are reducing the number of copies we are submitting by one.

The unit owners on the attached sheet are being furnished a copy of this letter.

Yours very truly,


Kent Beers
Regional Land Manager

KOB/LD/pr
ldoct.6
SJ 30-6, 3.0

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

**James M Raymond, Individually & as Trustee for
Corinne Miller Gay & Maydell Miller Mast Trusts**

Amoco Production Company

Arco Oil & Gas Company

Southland Royalty Company

W. P. Carr

Conoco Inc.

El Paso Production Company

Global Natural Resources Corporation

**Frank D. Gorham, Jr.
DBA Cuesta Production Company**

T. H. and Nancy L. Harrington

Koch Industries - deep rights

**T. H. McElvain Oil & Gas Properties on behalf of:
Catherine M. Harvey, Cathering B. McElvain, T.H. McElvain, Jr.**

Meridian Oil Production Inc.

Mizel Resources

Moore Loyal Trust

**Mosbacher USA Inc.,
Jane P. Mosbacher Est Trust**

Emil Mosbacher, III

John David Mosbacher

Emil Mosbacher, Jr.

R. Bruce Mosbacher

Phillips Petroleum Company

**Prudential-Bache
c/o Graham Royalty**

St. Johns. Institutional Investment

J. Glenn Turner, Jr.

Paul H. Umbach Estate

William G. Webb

Williams Production Company

The Wiser Oil Company

RECEIVED
FARMINGTON DISTRICT OFFICE
SEP 23 1993

SEP 23 1993 9 25 AM

San Juan 30-6 Unit (PA)
3180 (07327)

493

SEP 23 1993

Ms. Linda Donohue
Meridian Oil Incorporated
P. O. Box 4289
Farmington, NM 87499

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
Fruitland Participating Area (PA)
28th Expansion - Effective January 1, 1991
29th Expansion - Effective February 1, 1991
30th Expansion - Effective July 1, 1991

Dear Ms. Donohue:

In response to your letter dated September 23, 1993, the Farmington District Office (FDO) has reviewed the data you have submitted for the 28th through 30th PA expansions for the Fruitland Formation as referenced above.

Each of the wells included in the referenced expansions were reviewed for their ability to produce in paying quantities. All eight wells submitted were determined to be paying wells.

The following wells were determined to be capable of producing in paying quantities:

1. No. 491 San Juan 30-6 Unit, W/2 Section 25, T. 30 N., R. 6 W.
2. No. 499 San Juan 30-6 Unit, W/2 Section 30, T. 30 N., R. 7 W.
3. No. 487 San Juan 30-6 Unit, W/2 Section 23, T. 30 N., R. 6 W.
4. No. 488 San Juan 30-6 Unit, E/2 Section 24, T. 30 N., R. 6 W.
5. No. 489 San Juan 30-6 Unit, W/2 Section 24, T. 30 N., R. 6 W.
6. No. 490 San Juan 30-6 Unit, E/2 Section 25, T. 30 N., R. 6 W.
- * 7. No. 486 San Juan 30-6 Unit, E/2 Section 23, T. 30 N., R. 6 W.
8. No. 497 San Juan 30-6 Unit, S/2 Section 29, T. 30 N., R. 7 W.

* Intervening Drill Block

We hereby approve the Twenty-Eighth, Twenty-Ninth, and Thirtieth Expansions for the Fruitland Participating Area in the San Juan 30-6 Unit. The effective dates for each of these expansions will be as referenced above. These expansions will be reported under the existing No. 891000538A.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the orders unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

If you have any questions concerning this matter, please call Brian W. Davis at (505) 599-6367 or (505) 599-8900.

Sincerely,

~~/s/ Duane Spencer~~

Duane W. Spencer
Chief, Branch of Reservoir Management

1 Enclosure

1 - 28th, 29th, and 30th PA Expansions

cc:

MMS, RMP, MS-3240, Denver, CO w/enclosure

Commissioner of Public Lands, Santa Fe, NM w/o enclosure

NMOCD, Santa Fe, NM w/o enclosure

MERIDIAN OIL

D-Unit letter
Thx Rg

September 23, 1993

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

New Mexico Oil Conservation Division (2)
Energy & Minerals Dept.
P.O. Box 2088
Santa Fe, NM 87404-2088

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87401-1148

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARRIBA COUNTY, NEW MEXICO
FRUITLAND PARTICIPATING AREA
28TH EXPANSION-EFFECTIVE 1-1-91
29TH EXPANSION-EFFECTIVE 2-1-91
30TH EXPANSION-EFFECTIVE 7-1-91
RIO ARRIBA COUNTY, NEW MEXICO**

Gentlemen:

Please find enclosed revised schedules for the referenced expansions. The schedules have been revised to reflect the non-commercial determination in the BLM letter dated March 16, 1993 for the #500-W/2 31-30N-7W, Fruitland Well and the inclusion of the acreage for the #499-W/2 30-30N-7W pursuant to your September 21, 1993 letter.

The following wells have been determined on the dates indicated below to be capable of producing in unitized substances in paying quantities from the Fruitland formation and should be included in the Participating Area:

Twenty-eighth Expansion-Effective 1-1-91-Total P/A Acres = 28,254.91

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#491 W/2 25-30N-6W	Tr. 1C/320.00	W/2	12/21/90
#499 W/2 30-30N-7W	Tr. 7/209.36	Lots 5-8, E/2 W/2	12/19/90

Twenty-ninth Expansion-Effective 2-1-91-Total P/A Acres = 29,672.99

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#487 W/2 23-30N-6W	Tr. 1/320.00	W/2	1-21-91

BLM, CPL, NMOCD
September 23, 1993
page 2

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#488 E/2 24-30N-6W	Tr. 1/228.52	Lots 1-4, W/2 E/2	1-27-91
#489 W/2 24-30N-6W	Tr. 1A/320.00	W/2	1-14-91
#490 E/2 25-30N-6W	Tr. 1/17.46 Tr. 1B/212.10	Lot 4 Lots 1-3, W/2 E/2	1-7-91
#486 (IDB) E/2 23-30N-6W	Tr. 1/240.00 Tr. 1B/80.00	W/2 E/2, E/2 SE/4 E/2 NE/4	2-5-91

Thirtieth Expansion-Effective 7-1-91-Total P/A Acres = 29,992.99

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#497 S/2 29-30N-7W	Tr. 7/320.00	S/2	6-5-91

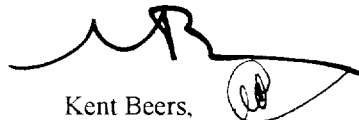
An economic summary sheet is attached for your information for each well's commerciality. The expansion schedules for the Twenty-eighth to the Thirtieth Participating Areas are also enclosed. The schedules describe each participating area and show the percentage of unitized substances allocated to the tracts according to the ownership within the tracts.

We would appreciate your consideration of the revised expansion schedules as soon as possible.

Please contact Linda Donohue at (505) 326-9760 if there are any questions regarding this matter.

The working interest owners on the attached sheet are being furnished copies of this letter and schedules for their review.

Yours very truly,


Kent Beers,
Regional Land Manager

KOB/LD/pr
ldsep.16
SJ 30-6, 4.5

**SAN JUAN 30-6 UNIT
FRUTTLAND PARTICIPATING AREA**

Amoco Production Company

Arco Oil & Gas Company

W. P. Carr

Conoco Inc.

El Paso Production Company

**Frank D. Gorham, Jr.
DBA Cuesta Production Company**

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

T. H. McElvain Oil & Gas Properties

Meridian Oil Production Inc.

Mizel Resources

Moore Loyal Trust

Phillips Petroleum Company

**Prudential Bache
c/o Graham Royalty**

**James M. Raymond, Individually and as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts**

Southland Royalty Company

St. John's Institutional Investment

Paul H. Umbach Estate

William G. Webb

Williams Production Company

The Wiser Oil Company

MERIDIAN OIL

July 2, 1993

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

New Mexico Oil Conservation Division (2)
Energy & Minerals Dept.
P.O. Box 2088
Santa Fe, NM 87404-2088

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87401-1148

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARRIBA COUNTY, NEW MEXICO
FRUITLAND PARTICIPATING AREA
28TH EXPANSION-EFFECTIVE 1-1-91
29TH EXPANSION-EFFECTIVE 2-1-91
30TH EXPANSION-EFFECTIVE 7-1-91
RIO ARRIBA COUNTY, NEW MEXICO**

Gentlemen:

Please find enclosed revised schedules for the 28th and 29th expansions and submission of the 30th expansion for the referenced. The schedules have been revised to reflect the non-commercial determinations in the BLM letter dated March 16, 1993 of the #499-W/2 30-30N-7W and #500-W/2 31-30N-7W, Fruitland Wells.

The wells have recently had wellhead compression installed to see if production can be increased for a commercial determination. We are currently monitoring the wells and if economics support the compressor cost vs. production results, then the wells will be resubmitted for possible inclusion based upon a new test date.

The following wells have been determined on the dates indicated below to be capable of producing in unitized substances in paying quantities from the Fruitland formation and should be included in the Participating Area:

Twenty-eighth Expansion-Effective 1-1-91-Total P/A Acres = 28,045.55

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#491 W/2 25-30N-6W	Tr. 1C/320.00	W/2	12/21/90

Twenty-ninth Expansion-Effective 2-1-91-Total P/A Acres = 29,463.63

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#487 W/2 23-30N-6W	Tr. 1/320.00	W/2	1-21-91

BLM, CPL, NMOCD
Page 2
July 2, 1993

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#488 E/2 24-30N-6W	Tr. 1/228.52	Lots 1-4, W/2 E/2	1-27-91
#489 W/2 24-30N-6W	Tr. 1A/320.00	W/2	1-14-91
#490 E/2 25-30N-6W	Tr. 1/17.46 Tr. 1B/212.10	Lot 4 Lots 1-3, W/2 E/2	1-7-91
#486 (IDB) E/2 23-30N-6W	Tr. 1/240.00 Tr. 1B/80.00	W/2 E/2, E/2 SE/4 E/2 NE/4	2-5-91

Thirtieth Expansion-Effective 7-1-91-Total P/A Acres = 29,783.63

<u>Well No./ Description</u>	<u>Tract/Acres</u>	<u>Tr. Description</u>	<u>Comp. Date</u>
#497 S/2 29-30N-7W	Tr. 7/320.00	S/2	6-5-91

An economic summary sheet is attached for your information for each well's commerciality. The expansion schedules for the Twenty-eighth to the Thirtieth Participating Areas are also enclosed. The schedules describe each participating area and show the percentage of unitized substances allocated to the tracts according to the ownership within the tracts.

We would appreciate your consideration of the expansions as soon as possible.

Please contact Linda Donohue at (505) 326-9760 if there are any questions regarding this matter.

The working interest owners on the attached sheet are being furnished copies of this letter and schedules for their review.

Yours very truly,



Kent Beers, 
Regional Land Manager

KOB/LD/pr
ldjuly.3
SJ 30-6, 4.5

**SAN JUAN 30-6 UNIT
FRUITLAND PARTICIPATING AREA**

Amoco Production Company

Arco Oil & Gas Company

W. P. Carr

Conoco Inc.

El Paso Production Company

**Frank D. Gorham, Jr.
DBA Cuesta Production Company**

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

T. H. McElvain Oil & Gas Properties

Meridian Oil Production Inc.

Mizel Resources

Moore Loyal Trust

Phillips Petroleum Company

**Prudential Bache
c/o Graham Royalty**

**James M. Raymond, Individually and as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts**

Southland Royalty Company

St. John's Institutional Investment

Paul H. Umbach Estate

William G. Webb

Williams Production Company

The Wiser Oil Company

RUN DATE 07/01/93
RUN TIME 11:36:45

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078741	30N 6W	640.00		TRACT: 001	0.500000	0.500000	2.282002
	SEC. 26 ALL				12.500000	12.500000	
	ORRI:						
	ROYALTY:						
	WORKING INTEREST:						
	WILLIAMS PRODUCTION COMPANY				15.660000	15.660000	
	PHILLIPS PETROLEUM COMPANY				71.340000	71.340000	
	TOTAL				100.000000	100.000000	
SF-078741	30N 6W	320.00		TRACT: 001C			1.141001
	SEC. 25 W/2				1.500000	1.500000	
	ORRI:				12.500000	12.500000	
	ROYALTY:						
	WORKING INTEREST:						
	WILLIAMS PRODUCTION COMPANY				15.480000	15.480000	
	PHILLIPS PETROLEUM COMPANY				70.520000	70.520000	
	TOTAL				100.000000	100.000000	
NM-012573	30N 7W	960.00		TRACT: 002			3.423003
	SEC. 14 W/2				3.500000	3.500000	
	SEC. 13 W/2				12.500000	12.500000	
	SEC. 12 E/2				39.229058	39.229058	
	ST JOHN INSTITUTIONAL INVEST				44.770942	44.770942	
	TOTAL				100.000000	100.000000	
NM-012293	30N 7W	960.00		TRACT: 003			3.423003
	SEC. 14 E/2				20.000000	20.000000	
	SEC. 12 W/2				12.500000	12.500000	
	SEC. 13 E/2				33.750000	33.750000	
	AMOCO PRODUCTION COMPANY				33.750000	33.750000	
	TOTAL				100.000000	100.000000	
NM-012694	30N 7W	640.00		TRACT: 004			2.282002
	SEC. 15 E/2				20.000000	20.000000	
	SEC. 11 W/2				12.500000	12.500000	
	ORRI:						
	ROYALTY:						
	WORKING INTEREST:						
	AMOCO PRODUCTION COMPANY				33.750000	33.750000	
	CONOCO INC				33.750000	33.750000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 91/01/01

RUN DATE 07/01/93
RUN TIME 11:36:50

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012710	30N 7W	640.00		TRACT: 005			2.282002
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		39.229058	39.229058	
			ST JOHN INSTITUTIONAL INVEST		44.770942	44.770942	
					100.000000	100.000000	
			TOTAL				
SF-079002	30N 6W	800.00		TRACT: 006			2.852502
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	N/2, SE/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAM G WEBB		1.715957	1.715957	
			FRANK D GORHAM JR		12.033699	12.033699	
			EL PASO PRODUCTION CO		14.448203	14.448203	
			EL PASO PRODUCTION CO		13.750688	13.750688	
			ST JOHN INSTITUTIONAL INVEST		16.489297	16.489297	
			PRUDENTIAL BACHE ENERGY IIP-		0.316242	0.316242	
			PRUDENTIAL BACHE ENERGY IIP-		0.261244	0.261244	
			PRUDENTIAL BACHE ENERGY IIP-		0.756231	0.756231	
			PRUDENTIAL BACHE ENERGY IIP-		0.934977	0.934977	
			PRUDENTIAL BACHE ENERGY IIP-		1.484963	1.484963	
			PRUDENTIAL BACHE ENERGY IIP-		1.292467	1.292467	
			PRUDENTIAL BACHE ENERGY IIP-		3.767406	3.767406	
			PRUDENTIAL BACHE ENERGY IIP-		4.152396	4.152396	
			PRUDENTIAL BACHE ENERGY PROD		0.783730	0.783730	
			TOTAL		100.000000	100.000000	
NM-012709	30N 7W	360.00		TRACT: 007			1.283626
SEC. 31	E/2		ORRI:		5.000000	5.000000	
SEC. 28	SW/4 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008			1.141001
SEC. 22	W/2 E/2, E/2		ORRI:		12.500000	12.500000	
W/2			ROYALTY:		87.500000	87.500000	
			WORKING INTEREST:				
			T H MCELVAIN OIL AND		100.000000	100.000000	
			TOTAL		100.000000	100.000000	

PAGE 3
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079074	30N 7W	320.00		TRACT: 008A			1.141001
SEC. 27	W/2		ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO T H MCELVAIN OIL AND		2.500000 12.500000 41.250000 43.750000	2.500000 12.500000 41.250000 43.750000	
TOTAL					100.000000	100.000000	
SF-079382	30N 7W	2,080.00		TRACT: 009			7.416506
SEC. 23	ALL		ORRI: ROYALTY:		11.875000 12.500000	11.875000 12.500000	
SEC. 24	ALL		WORKING INTEREST:		1.143971	1.143971	
SEC. 25	ALL		WILLIAM G WEBB		8.022466	8.022466	
SEC. 22	E/2 E/2		FRANK D GORHAM JR EL PASO PRODUCTION CO EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IVP- PRUDENTIAL BACHE ENERGY PROD JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND		16.053560 9.167125 18.321441 0.210828 0.174162 0.504154 0.623318 0.98975 0.861645 2.511604 2.768264 0.522487 5.729166 0.572917 0.572917 6.875000	16.053560 9.167125 18.321441 0.210828 0.174162 0.504154 0.623318 0.98975 0.861645 2.511604 2.768264 0.522487 5.729166 0.572917 0.572917 6.875000	
TOTAL					100.000000	100.000000	
SF-079383	30N 7W	2,240.00		TRACT: 010			7.987007
SEC. 26	ALL		ORRI: ROYALTY:		11.875000 12.500000	11.875000 12.500000	
SEC. 35	ALL		WORKING INTEREST:		1.143971	1.143971	
SEC. 27	E/2		WILLIAM G WEBB		8.022466	8.022466	
SEC. 34	ALL		FRANK D GORHAM JR EL PASO PRODUCTION CO EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP-		16.053560 9.167125 18.321441 0.210828 0.174162 0.504154	16.053560 9.167125 18.321441 0.210828 0.174162 0.504154	

RUN DATE 07/01/93
RUN TIME 11:36:50

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 4
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080180-A	30N 6W	320.00					1.141001
	-----						-----
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST	TRACT: 011	25.625000 12.500000	25.625000 12.500000	
					28.896405 32.978595	28.896405 32.978595	
					-----	-----	
	TOTAL				100.000000	100.000000	
SF-080711	30N 6W	520.00					1.854127
	-----						-----
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 012	3.000000 12.500000	3.000000 12.500000	
					84.500000	84.500000	
					-----	-----	
	TOTAL				100.000000	100.000000	
SF-080711-A	30N 6W	924.53					3.296530
	-----						-----
	SEC. 30 W/2 SEC. 34 NE, NW/4 SEC. 31 W/2		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST AMOCO PRODUCTION COMPANY CONOCO INC	TRACT: 013	16.916666 12.500000	16.916666 12.500000	
					14.282803 16.300531 12.500000 27.500000	14.282803 16.300531 12.500000 27.500000	
					-----	-----	
	TOTAL				100.000000	100.000000	

REMARKS:

CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST. JOHN/SBEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 91/01/01

RUN DATE 07/01/93
RUN TIME 11:36:52

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 5
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711-B	30N 6W	145.83		TRACT: 014			0.519976
	SEC. 34 LOTS 3,5,6, SE /SW		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		2.204000 12.500000 15.353280 69.942720	2.204000 12.500000 15.353280 69.942720	
	SEC. 33 LOTS 1 & 2						
	TOTAL				100.000000	100.000000	
SF-080711-B	30N 6W	96.07		TRACT: 014A			0.342550
	SEC. 33 LOTS 3&4, NW/SW		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		2.204000 12.500000 15.353280 69.942720	2.204000 12.500000 15.353280 69.942720	
	TOTAL				100.000000	100.000000	
SF-080712	30N 6W	440.00		TRACT: 015			1.568876
	SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	
SF-080712-A	30N 6W	1,866.90		TRACT: 016			6.656671
	SEC. 30 E/2		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST AMOCO PRODUCTION COMPANY CONOCO INC		16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	
	SEC. 21 LOTS 1-3, E/2						
	SEC. 22 LOT 2, NW/SW						
	SEC. 27 LOTS 1-3, E/2, SE/NW, SW/4						
	SEC. 28 LOT 2-5, NW/NW						
	SEC. 29 S/2 NE, W/2						
	TOTAL				100.000000	100.000000	

REMARKS:

CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED

EFFECTIVE 91/01/01

RUN DATE 07/01/93
RUN TIME 11:36:54

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080712-B 30N 6W 114.23 TRACT: 017

SEC. 28 LOT 6, E/2 SE

ORRI:
ROYALTY: 2.204000 2.204000
WORKING INTEREST: 12.500000 12.500000

WILLIAMS PRODUCTION COMPANY
PHILLIPS PETROLEUM COMPANY
15.353280 15.353280
69.942720 69.942720

TOTAL 100.000000 100.000000

SF-080713 30N 6W 912.88 TRACT: 018

SEC. 13 LOTS 1 - 4,
W/2 E/2, NW/4
SEC. 12 LOTS 1-6, NW/4,
E/2 SW, W/2 E/2

ORRI:
ROYALTY: 3.500000 3.500000
WORKING INTEREST: 12.500000 12.500000
EL PASO PRODUCTION CO
ST JOHN INSTITUTIONAL INVEST
MERIDIAN OIL PRODUCTION INC
GLOBAL NATURAL RESOURCES
19.497776 19.497776
27.206342 27.206342
4.340882 4.340882
32.955000 32.955000

TOTAL 100.000000 100.000000

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-A 30N 6W 543.79 TRACT: 019

SEC. 22 LOT 1, N/2,
SE/4, NE/SW

ORRI:
ROYALTY: 16.916666 16.916666
WORKING INTEREST: 12.500000 12.500000
MERIDIAN OIL PRODUCTION INC
ST JOHN INSTITUTIONAL INVEST
CONOCO INC
AMOCO PRODUCTION COMPANY
14.282803 14.282803
16.300531 16.300531
27.500000 27.500000
12.500000 12.500000

TOTAL 100.000000 100.000000

REMARKS:

CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST.JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 91/01/01

1.938953

RUN DATE 07/01/93
RUN TIME 11:36:55

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713-B	30N 6W	1,040.00		TRACT: 020		3.708253
SEC. 15	S/2, S/2 NW/4		ORRI:		15.312500	
SEC. 14	ALL		ROYALTY:		12.500000	
			WORKING INTEREST:			
			WILLIAM G WEBB		1.715957	1.715957
			FRANK D GORHAM JR		12.033699	12.033699
			EL PASO PRODUCTION CO		14.448203	14.448203
			EL PASO PRODUCTION CO		13.750688	13.750688
			ST JOHN INSTITUTIONAL INVEST		16.489297	16.489297
			PRUDENTIAL BACHE ENERGY IIP-		0.316242	0.316242
			PRUDENTIAL BACHE ENERGY IIP-		0.261244	0.261244
			PRUDENTIAL BACHE ENERGY IIP-		0.756231	0.756231
			PRUDENTIAL BACHE ENERGY IIP-		0.934977	0.934977
			PRUDENTIAL BACHE ENERGY IIP-		1.484963	1.484963
			PRUDENTIAL BACHE ENERGY IIP-		1.292467	1.292467
			PRUDENTIAL BACHE ENERGY IVP-		3.767406	3.767406
			PRUDENTIAL BACHE ENERGY IVP-		4.152396	4.152396
			PRUDENTIAL BACHE ENERGY PROD		0.783730	0.783730
			TOTAL		100.000000	100.000000
SF-080714	30N 6W	480.20		TRACT: 021		1.712215
SEC. 11	LOTS 1-8, N/2		ORRI:		3.500000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		19.497776	19.497776
			ST JOHN INSTITUTIONAL INVEST		27.206342	27.206342
			MERIDIAN OIL PRODUCTION INC		4.340882	4.340882
			GLOBAL NATURAL RESOURCES		32.955000	32.955000
			TOTAL		100.000000	100.000000

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022			2.648014
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4		ROYALTY: WORKING INTEREST: WILLIAM G WEBB		15.312500 12.500000	15.312500 12.500000	
	SEC. 15 LOTS 1,2,NE/NE, S/2 NE, NW/NW		FRANK D GORHAM JR EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		1.715957 12.033699 14.448203 13.750688	1.715957 12.033699 14.448203 13.750688	
			EL PASO PRODUCTION CO		16.489297	16.489297	
			PRUDENTIAL BACHE ENERGY IIP-		0.316242	0.316242	
			PRUDENTIAL BACHE ENERGY IIP-		0.261244	0.261244	
			PRUDENTIAL BACHE ENERGY IIP-		0.756231	0.756231	
			PRUDENTIAL BACHE ENERGY IIP-		0.934977	0.934977	
			PRUDENTIAL BACHE ENERGY IIP-		1.484963	1.484963	
			PRUDENTIAL BACHE ENERGY IIP-		1.292467	1.292467	
			PRUDENTIAL BACHE ENERGY IVP-		3.767406	3.767406	
			PRUDENTIAL BACHE ENERGY IVP-		4.152396	4.152396	
			PRUDENTIAL BACHE ENERGY PROD		0.783730	0.783730	
			TOTAL		100.000000	100.000000	
NM-02151-A	30N 7W	280.00		TRACT: 023			0.998376
	SEC. 28 NW/4, N/2 SW, SE/SW		ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO		5.000000 12.500000	5.000000 12.500000	
			TOTAL		82.500000	82.500000	
					100.000000	100.000000	
NM-02151	30N 7W	320.00		TRACT: 023A			1.141001
	SEC. 28 E/2		ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO T H MCELVAIN OIL AND		5.000000 12.500000	5.000000 12.500000	
			TOTAL		41.250000 41.250000	41.250000 41.250000	
					100.000000	100.000000	
NM-02151-B	30N 7W	640.00		TRACT: 023B			2.282002
	SEC. 33 ALL		ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO		5.000000 12.500000	5.000000 12.500000	
			TOTAL		82.500000	82.500000	
					100.000000	100.000000	

RUN DATE 07/01/93
RUN TIME 11:36:56

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03384	30N 6W	400.00	TRACT: 024		5.000000	5.000000	1.426251
	SEC. 18 N/2 NW/4		ROYALTY:		12.500000	12.500000	
	SEC. 9 W/2		WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	
NM-03385	30N 6W	1,200.00	TRACT: 025		3.000000	3.000000	4.278754
	SEC. 17 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 18 E/2, SW/4, S/2 NW/4		WORKING INTEREST:		84.500000	84.500000	
			ARCO				
			TOTAL		100.000000	100.000000	
NM-03403	30N 6W	480.00	TRACT: 026		3.000000	3.000000	1.711501
	SEC. 7 S/2		ROYALTY:		12.500000	12.500000	
	SEC. 8 SW/4		WORKING INTEREST:		84.500000	84.500000	
			ARCO				
			TOTAL		100.000000	100.000000	
NM-03416	30N 6W	320.00	TRACT: 027		5.000000	5.000000	1.141001
	SEC. 9 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-04052	30N 6W	170.32		TRACT: 028			0.607298
SEC. 21	PART OF TR.43 IN SE/4		ORRI: ROYALTY:		16.916666 12.500000	16.916666 12.500000	
SEC. 22	PART OF TR.43 IN SW/4		WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST		14.282803 16.300531 12.500000	14.282803 16.300531 12.500000	
SEC. 27	PART OF TR.43 IN NW/4		AMOCO PRODUCTION COMPANY CONOCO INC		27.500000	27.500000	
SEC. 28	PART OF TR.43 IN NE/4, LOT 1						
TOTAL					100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST.JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

NM-04139	30N 6W	599.52		TRACT: 029			2.137665
SEC. 35	LOTS 1-4, E/2, E/2 W/2		ORRI: ROYALTY:		5.500000 12.500000	5.500000 12.500000	
			WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		14.760000 67.240000	14.760000 67.240000	
TOTAL					100.000000	100.000000	
NM-010444	30N 6W	160.00		TRACT: 030			0.570500
SEC. 33	S/2 NE, N/2 SE		ORRI: ROYALTY:		5.000000 12.500000	5.000000 12.500000	
			WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		14.850000 67.650000	14.850000 67.650000	
TOTAL					100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-06283	30N 6W	160.00		TRACT: 031			0.570500
	SEC. 12 A PORTION OF TR 39		ORRI: ROYALTY: WORKING INTEREST:		3.500000 12.500000	3.500000 12.500000	
	SEC. 11 A PORTION OF TR 39		EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST MERIDIAN OIL PRODUCTION INC GLOBAL NATURAL RESOURCES		19.497776 27.206342 4.340882 32.955000	19.497776 27.206342 4.340882 32.955000	
	TOTAL				100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

NM-013886	30N 6W	14.47	TRACT: 032				0.051595
	SEC. 33 TRACT 44IN W/2		ORRI: ROYALTY: WORKING INTEREST:		12.500000	12.500000	
			EMIL MOSBACHER JR EMIL MOSBACHER III R BRUCE MOSBACHER JOHN DAVID MOSBACHER MOSBACHER USA INC JANE P MOSBACHER EST TRUST		21.875000 2.430575 2.430575 2.430575 50.130150 8.203125	21.875000 2.430575 2.430575 2.430575 50.130150 8.203125	
	TOTAL				100.000000	100.000000	
E-289-3	30N 7W	80.00	TRACT: 034				0.285250
	SEC. 36 W/2 SE/4		ORRI: ROYALTY: WORKING INTEREST:		12.500000	12.500000	
			THE WISER OIL COMPANY		87.500000	87.500000	
	TOTAL				100.000000	100.000000	
E-289-52	30N 7W	120.00	TRACT: 035				0.427875
	SEC. 36 SE/SE, N/2 NE		ORRI: ROYALTY: WORKING INTEREST:		5.000000 12.500000	5.000000 12.500000	
			WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		14.850000 67.650000	14.850000 67.650000	
	TOTAL				100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-50	30N 7W	40.00	TRACT: 036		5.000000	5.000000	0.142625
	SEC. 36 NE/4 SE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 14.850000 67.650000	12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	
E-347-43	30N 6W	160.00	TRACT: 037		5.000000	5.000000	0.570501
	SEC. 36 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 14.850000 67.650000	12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	
E-347-44	30N 6W	480.00	TRACT: 038		5.000000	5.000000	1.711501
	SEC. 16 NW/4 SEC. 32 N/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 14.850000 67.650000	12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	
E-347-49	30N 6W	390.24	TRACT: 039		21.875000	21.875000	1.391451
	SEC. 36 LOTS 1 - 4, SW/4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		12.500000 30.647702 34.977298	12.500000 30.647702 34.977298	
	TOTAL				100.000000	100.000000	
E-347-48	30N 6W	160.00	TRACT: 040		5.000000	5.000000	0.570501
	SEC. 16 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000 82.500000	12.500000 82.500000	
	TOTAL				100.000000	100.000000	

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RUN DATE 07/01/93
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MERIDIAN OIL, INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-47	30N 6W	640.00		TRACT: 041			2.282002
	SEC. 16 S/2		ORRI:		5.000000	5.000000	
	SEC. 32 S/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
					-----	-----	
			TOTAL		100.000000	100.000000	
E-1214-12	30N 7W	80.00		TRACT: 042			0.285250
	SEC. 32 N/2 NE/4		ORRI:		10.000000	10.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			SOUTHLAND ROYALTY CO		77.500000	77.500000	
					-----	-----	
			TOTAL		100.000000	100.000000	
E-1264-12	30N 7W	40.00		TRACT: 043			0.142625
	SEC. 36 SE/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
					-----	-----	
			TOTAL		100.000000	100.000000	
E-3707-15	30N 7W	40.00		TRACT: 044			0.142625
	SEC. 32 SE/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
					-----	-----	
			TOTAL		100.000000	100.000000	
E-3707-14	30N 7W	40.00		TRACT: 045			0.142625
	SEC. 32 SW/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
					-----	-----	
			TOTAL		100.000000	100.000000	

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RUN DATE 07/01/93
RUN TIME 11:36:59

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5111-6	30N 7W	80.00		TRACT: 046		0.285250
SEC. 36	W/2 SW/4					
	ORRI:				7.500000	7.500000
	ROYALTY:				12.500000	12.500000
	WORKING INTEREST:					
	EL PASO PRODUCTION CO				22.416605	22.416605
	ST JOHN INSTITUTIONAL INVEST				25.583395	25.583395
	COMOCO INC				32.000000	32.000000
	TOTAL				100.000000	100.000000

REMARKS:
GLA-204

E-5167-2	30N 7W	120.00		TRACT: 047		0.427875
SEC. 36	N/2 NW, SW/NW					
	ORRI:				12.500000	12.500000
	ROYALTY:				23.496572	23.496572
	WORKING INTEREST:				26.815928	26.815928
	MERIDIAN OIL PRODUCTION INC				37.187500	37.187500
	ST JOHN INSTITUTIONAL INVEST					
	W P CARR					
	TOTAL				100.000000	100.000000

B-10037-59	30N 7W	160.00		TRACT: 048		0.570501
SEC. 32	SE/4					
	ORRI:				5.000000	5.000000
	ROYALTY:				12.500000	12.500000
	WORKING INTEREST:					
	SOUTHLAND ROYALTY CO				82.500000	82.500000
	TOTAL				100.000000	100.000000

B-10603-46	30N 7W	40.00		TRACT: 049		0.142625
SEC. 36	SW/4 NE/4					
	ORRI:				6.000000	6.000000
	ROYALTY:				12.500000	12.500000
	WORKING INTEREST:					
	WILLIAMS PRODUCTION COMPANY				14.670000	14.670000
	PHILLIPS PETROLEUM COMPANY				66.830000	66.830000
	TOTAL				100.000000	100.000000

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10603-43	30N 7W	120.00		TRACT: 050			0.427875
SEC. 36	SE/NW, E/2 SW		ROYALTY: WORKING INTEREST:		5.000000 12.500000	5.000000 12.500000	
			MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST PAUL H UMBACH ESTATE AMOCO PRODUCTION COMPANY MOORE LOYAL TRUST MIZEL RESOURCES		4.464496 5.095192 2.062500 54.171562 7.425000 9.281250	4.464496 5.095192 2.062500 54.171562 7.425000 9.281250	
GOMEZ, J CRIST 30N 6W		949.95	TOTAL	TRACT: 051	100.000000	100.000000	3.387168
SEC. 28	PART OF TR#42 IN S/2		ROYALTY: WORKING INTEREST:		4.000000 12.500000	4.000000 12.500000	
SEC. 29	SE/4		WILLIAMS PRODUCTION COMPANY		15.030000	15.030000	
SEC. 35	PART OF TR.47 IN W/2 W/2		PHILLIPS PETROLEUM COMPANY		68.470000	68.470000	
SEC. 34	LOT 4, PART OF TR.47 IN SE/4						
SEC. 34	N/2 SW, SW/SW						
SEC. 33	N/2 NE, NW/4, NE/SW,TR.45SE,SE/SW						
SEC. 28	LOTS 7 & 8, S/2 SW, SW/SE,						
GOMEZ, J CRIST 30N 6W		159.51	TOTAL	TRACT: 052	100.000000	100.000000	0.568753
SEC. 10	A PORTION OF TR 38		ROYALTY: WORKING INTEREST:		15.312500 12.500000	15.312500 12.500000	
SEC. 11	A PORTION OF TR 38		WILLIAM G WEBB FRANK D GORHAM JR MERIDIAN OIL PRODUCTION INC EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP-		1.716000 12.034000 2.062500 26.135703 16.489297 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500	1.716000 12.034000 2.062500 26.135703 16.489297 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500	
SEC. 15	A PORTION OF TR 38						

RUN DATE 07/01/93
RUN TIME 11:37:01

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE ENERGY IVP-				4.152500	4.152500	
	PRUDENTIAL BACHE ENERGY PROD				0.783750	0.783750	
	TOTAL				100.000000	100.000000	
PEDRO J. GARCI	30N 6W	160.00		TRACT: 053			0.570501
SEC. 13	SW/4				12.500000	12.500000	
	ORRI:						
	ROYALTY:						
	WORKING INTEREST:						
	WILLIAMS PRODUCTION COMPANY				87.500000	87.500000	
	TOTAL				100.000000	100.000000	
GOMEZ, JE, ET	30N 6W	160.00		TRACT: 054			0.570501
SEC. 19	S/2 SE, SE/SW				5.000000	5.000000	
SEC. 20	SW/SW				12.500000	12.500000	
	ORRI:						
	ROYALTY:						
	WORKING INTEREST:						
	EL PASO PRODUCTION CO				25.685693	25.685693	
	ST JOHN INSTITUTIONAL INVEST				29.314307	29.314307	
	THOMAS H & NANCY L HARRINGTON				27.500000	27.500000	
	TOTAL				100.000000	100.000000	
GOMEZ, JE, ET	30N 6W	160.00		TRACT: 055			0.570501
SEC. 20	SW/SE, SE/SW				5.000000	5.000000	
SEC. 29	N/2 NE/4				12.500000	12.500000	
	ORRI:						
	ROYALTY:						
	WORKING INTEREST:						
	EL PASO PRODUCTION CO				25.685693	25.685693	
	ST JOHN INSTITUTIONAL INVEST				29.314307	29.314307	
	THOMAS H & NANCY L HARRINGTON				27.500000	27.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 91/01/01

RUN DATE 07/01/93
RUN TIME 11:37:02

MERIDIAN OIL INC
SCHEDULE XXIX
THE 028 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 17
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
GOMEZ, JE, ET	30N 6W	174.46		TRACT: 056			0.622059
SEC. 21	PART OF TR.42 IN S/2		ORRI:		16.916666	16.916666	
			ROYALTY:		12.500000	12.500000	
SEC. 28	PART OF TR.42 IN N/2		WORKING INTEREST:				
			MERIDIAN OIL PRODUCTION INC		14.282803	14.282803	
			ST JOHN INSTITUTIONAL INVEST		16.300531	16.300531	
SEC. 34	PART OF TR.47 IN NE/4		AMOCO PRODUCTION COMPANY		12.500000	12.500000	
			CONOCO INC		27.500000	27.500000	
TOTAL					100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

GOMEZ, JE, ET	30N 6W	80.00		TRACT: 057			0.285250
SEC. 20	E/2 NE/4		ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		84.500000	84.500000	
TOTAL					100.000000	100.000000	
GOMEZ, JE, ET	30N 6W	240.00		TRACT: 057A			0.855751
SEC. 21	NW/4, W/2 NE		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		25.685693	25.685693	
			ST JOHN INSTITUTIONAL INVEST		29.314307	29.314307	
			THOMAS H & NANCY L HARRINGTON		27.500000	27.500000	
TOTAL					100.000000	100.000000	

EFFECTIVE 91/01/01

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXIX
R E C A P I T U L A T I O N

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

PAGE 1
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TOWNSHIP 30N , RANGE 6W

SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4
SECTION 10	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: LOTS 1-8, N/2	
SECTION 11	: A PORTION OF	TR 39
SECTION 12	: A PORTION OF	TR 39
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 13	: SW/4	
SECTION 14	: ALL	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: LOTS 1,2, NE/NE,	S/2 NE, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 16	: NE/4	
SECTION 16	: NW/4	
SECTION 16	: S/2	
SECTION 17	: ALL	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 18	: N/2 NW/4	
SECTION 19	: S/2 SE, SE/SW	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 20	: SW/SW	
SECTION 20	: SW/SE, SE/SW	
SECTION 20	: E/2 NE/4	
SECTION 21	: NW/4, W/2 NE	IN S/2
SECTION 21	: PART OF TR.42	
SECTION 21	: PART OF TR.43	IN SE/4
SECTION 21	: LOTS 1-3, E/2 NE,	N/2 S/2, SW/SW
SECTION 22	: LOT 2, NW/SW	
SECTION 22	: LOT 1, N/2,	SE/4, NE/SW
SECTION 22	: PART OF TR.43	IN SW/4
SECTION 25	: W/2	
SECTION 26	: ALL	
SECTION 27	: PART OF TR.43	IN NW/4
SECTION 27	: LOTS 1-3, E/2,	SE/NW, SW/4
SECTION 28	: LOT 2-5, NW/NW	
SECTION 28	: LOT 6, E/2 SE	
SECTION 28	: PART OF TR.43	IN NE/4, LOT 1
SECTION 28	: PART OF TR.42	IN N/2
SECTION 28	: LOTS 7 & 8,	S/2 SW, SW/SE,
SECTION 28	: PART OF TR#42	IN S/2
SECTION 29	: SE/4	
SECTION 29	: N/2 NE/4	
SECTION 29	: S/2 NE, W/2	
SECTION 30	: E/2	
SECTION 30	: W/2	
SECTION 31	: W/2	
SECTION 31	: E/2	
SECTION 32	: S/2	

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXIX
R E C A P I T U L A T I O N
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

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FED535AP-A

SECTION 32	: N/2	
SECTION 33	: S/2 NE, N/2 SE	
SECTION 33	: TRACT 44IN	W/2
SECTION 33	: N/2 NE, NW/4, NE/SW, TR.45SE, SE/SW	
SECTION 33	: LOTS 1 & 2	
SECTION 33	: LOTS 3&4, NW/SW	
SECTION 34	: LOTS 3,5,6, SE/SW	
SECTION 34	: LOTS 1&2, W/2 NE, NW/4	
SECTION 34	: LOT 4, PART OF TR.47 IN SE/4	
SECTION 34	: N/2 SW, SW/SW	
SECTION 34	: PART OF TR.47	IN NE/4
SECTION 35	: PART OF TR.47	IN W/2 W/2
SECTION 35	: LOTS 1-4, E/2,	E/2 W/2
SECTION 36	: NW/4	
SECTION 36	: LOTS 1 - 4,	SW/4, W/2 E/2
SECTION 7	: S/2	
SECTION 7	: N/2	
SECTION 8	: N/2, SE/4	
SECTION 8	: SW/4	
SECTION 9	: E/2	
SECTION 9	: W/2	
TOWNSHIP 30N , RANGE 7W		
SECTION 11	: E/2	
SECTION 11	: W/2	
SECTION 12	: E/2	
SECTION 12	: W/2	
SECTION 13	: E/2	
SECTION 13	: W/2	
SECTION 14	: W/2	
SECTION 14	: E/2	
SECTION 15	: W/2	
SECTION 15	: E/2	
SECTION 22	: W/2 E/2, E/2	W/2
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: W/2	
SECTION 27	: E/2	
SECTION 28	: SW/4 SW/4	
SECTION 28	: NW/4, N/2 SW,	SE/SW
SECTION 28	: E/2	
SECTION 31	: E/2	
SECTION 32	: N/2 NE/4	
SECTION 32	: SE/4 NE/4	
SECTION 32	: SW/4 NE/4	
SECTION 32	: SE/4	
SECTION 33	: ALL	
SECTION 34	: ALL	
SECTION 35	: ALL	

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXIX
R E C A P I T U L A T I O N

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FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 36 : W/2 SW/4
SECTION 36 : N/2 NW, SW/NW
SECTION 36 : SE/4 NE/4
SECTION 36 : NE/4 SE/4
SECTION 36 : W/2 SE/4
SECTION 36 : SE/SE, N/2 NE
SECTION 36 : SW/4 NE/4
SECTION 36 : SE/NW, E/2 SW
TOTAL COMMITTED: 28,045.55

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

28,045.55

TOTAL ACRES NON-COMMITTED:

0.00

RUN DATE 07/01/93
RUN TIME 11:37:03

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078741	30N 6W	1,445.98		TRACT: 001			4.907678
	SEC. 24 LOTS 1-4, W/2		ORRI:		0.500000	0.500000	
	E/2, W/2 (ALL)		ROYALTY:		12.500000	12.500000	
	SEC. 25 LOT 4		WORKING INTEREST:				
	SEC. 26 ALL		WILLIAMS PRODUCTION COMPANY		15.660000	15.660000	
	SEC. 23 W/2, W/2 E/2, E/2 SE		PHILLIPS PETROLEUM COMPANY		71.340000	71.340000	
	TOTAL				100.000000	100.000000	1.086085
SF-078741	30N 6W	320.00		TRACT: 001A			
	SEC. 24 W/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.300000	15.300000	
			PHILLIPS PETROLEUM COMPANY		69.700000	69.700000	
	TOTAL				100.000000	100.000000	0.991392
SF-078741	30N 6W	292.10		TRACT: 001B			
	SEC. 23 E/2NE/4		ORRI:		2.000000	2.000000	
	SEC. 25 LOTS 1-3, W/2 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.390000	15.390000	
			PHILLIPS PETROLEUM COMPANY		70.110000	70.110000	
	TOTAL				100.000000	100.000000	1.086085
SF-078741	30N 6W	320.00		TRACT: 001C			
	SEC. 25 W/2		ORRI:		1.500000	1.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.480000	15.480000	
			PHILLIPS PETROLEUM COMPANY		70.520000	70.520000	
	TOTAL				100.000000	100.000000	3.258254
NM-012573	30N 7W	960.00		TRACT: 002			
	SEC. 14 W/2		ORRI:		3.500000	3.500000	
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 12 E/2		WORKING INTEREST:				
			EL PASO PRODUCTION CO		39.229058	39.229058	
			ST JOHN INSTITUTIONAL INVEST		44.770942	44.770942	
	TOTAL				100.000000	100.000000	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:04

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012293	30N 7W	960.00		TRACT: 003			3.258254
SEC. 14 E/2	ROYALTY:				20.000000	20.000000	
SEC. 12 W/2	WORKING INTEREST:				12.500000	12.500000	
SEC. 13 E/2	CONOCO INC				33.750000	33.750000	
	AMOCO PRODUCTION COMPANY				33.750000	33.750000	
	TOTAL				100.000000	100.000000	
NM-012694	30N 7W	640.00		TRACT: 004			2.172170
SEC. 15 E/2	ROYALTY:				20.000000	20.000000	
SEC. 11 W/2	WORKING INTEREST:				12.500000	12.500000	
	AMOCO PRODUCTION COMPANY				33.750000	33.750000	
	CONOCO INC				33.750000	33.750000	
	TOTAL				100.000000	100.000000	
NM-012710	30N 7W	640.00		TRACT: 005			2.172170
SEC. 15 W/2	ROYALTY:				3.500000	3.500000	
SEC. 11 E/2	WORKING INTEREST:				12.500000	12.500000	
	EL PASO PRODUCTION CO				39.229058	39.229058	
	ST JOHN INSTITUTIONAL INVEST				44.770942	44.770942	
	TOTAL				100.000000	100.000000	
SF-079002	30N 6W	800.00		TRACT: 006			2.715212
SEC. 7 N/2	ROYALTY:				15.312500	15.312500	
SEC. 8 N/2, SE/4	WORKING INTEREST:				12.500000	12.500000	
	WILLIAM G WEBB				1.715957	1.715957	
	FRANK D GORHAM JR				12.033699	12.033699	
	EL PASO PRODUCTION CO				14.448203	14.448203	
	EL PASO PRODUCTION CO				13.750688	13.750688	
	ST JOHN INSTITUTIONAL INVEST				16.489297	16.489297	
	PRUDENTIAL BACHE ENERGY IIP-				0.316242	0.316242	
	PRUDENTIAL BACHE ENERGY IIP-				0.261244	0.261244	
	PRUDENTIAL BACHE ENERGY IIP-				0.756231	0.756231	
	PRUDENTIAL BACHE ENERGY IIP-				0.934977	0.934977	
	PRUDENTIAL BACHE ENERGY IIP-				1.484963	1.484963	
	PRUDENTIAL BACHE ENERGY IIP-				1.292467	1.292467	
	PRUDENTIAL BACHE ENERGY IVP-				3.767406	3.767406	
	PRUDENTIAL BACHE ENERGY IVP-				4.152396	4.152396	
	PRUDENTIAL BACHE ENERGY PROD				0.783730	0.783730	
	TOTAL				100.000000	100.000000	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:06

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012709	30N 7W	360.00		TRACT: 007			1.221845
SEC. 31 E/2			ORRI:		5.000000	5.000000	
SEC. 28 SW/4 SW/4			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008			1.086085
SEC. 22 W/2 E/2, E/2			ORRI:		12.500000	12.500000	
W/2			ROYALTY:				
			WORKING INTEREST:		87.500000	87.500000	
			T H MCELVAIN OIL AND				
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008A			1.086085
SEC. 27 W/2			ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			SOUTHLAND ROYALTY CO		41.250000	41.250000	
			T H MCELVAIN OIL AND		43.750000	43.750000	
			TOTAL		100.000000	100.000000	
SF-079382	30N 7W	2,080.00		TRACT: 009			7.059551
SEC. 23 ALL			ORRI:		11.875000	11.875000	
SEC. 24 ALL			WORKING INTEREST:		12.500000	12.500000	
SEC. 25 ALL			WILLIAM G WEBB				
SEC. 22 E/2 E/2			FRANK D GORHAM JR		1.143971	1.143971	
			EL PASO PRODUCTION CO		8.022466	8.022466	
			ST JOHN INSTITUTIONAL INVEST		16.053560	16.053560	
			PRUDENTIAL BACHE ENERGY IIP-		9.167125	9.167125	
			PRUDENTIAL BACHE ENERGY IIP-		18.321441	18.321441	
			PRUDENTIAL BACHE ENERGY IIP-		0.210828	0.210828	
			PRUDENTIAL BACHE ENERGY IIP-		0.174162	0.174162	
			PRUDENTIAL BACHE ENERGY IIP-		0.504154	0.504154	
			PRUDENTIAL BACHE ENERGY IIP-		0.623318	0.623318	
			PRUDENTIAL BACHE ENERGY IIP-		0.989975	0.989975	
			PRUDENTIAL BACHE ENERGY IIP-		0.861645	0.861645	
			PRUDENTIAL BACHE ENERGY IVP-		2.511604	2.511604	
			PRUDENTIAL BACHE ENERGY IVP-		2.768264	2.768264	
			PRUDENTIAL BACHE ENERGY PROD		0.522487	0.522487	
			JAMES M RAYMOND		5.729166	5.729166	
			MAYDELL MILLER MAST TRUST		0.572917	0.572917	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:06

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
CORINNE MILLER GAY TRUST							
			T H MCELVAIN OIL AND		0.572917	0.572917	
					6.875000	6.875000	
					-----	-----	
		TOTAL			100.000000	100.000000	
SF-079383	30N 7W	2,240.00		TRACT: 010			7.602593
SEC. 26	ALL		ORRI:		11.875000	11.875000	-----
SEC. 35	ALL		ROYALTY:		12.500000	12.500000	
SEC. 27	E/2		WORKING INTEREST:				
SEC. 34	ALL		WILLIAM G WEBB		1.143971	1.143971	
			FRANK D GORHAM JR		8.022466	8.022466	
			EL PASO PRODUCTION CO		16.053560	16.053560	
			EL PASO PRODUCTION CO		9.167125	9.167125	
			ST JOHN INSTITUTIONAL INVEST		18.321441	18.321441	
			PRUDENTIAL BACHE ENERGY IIP-		0.210828	0.210828	
			PRUDENTIAL BACHE ENERGY IIP-		0.174162	0.174162	
			PRUDENTIAL BACHE ENERGY IIP-		0.504154	0.504154	
			PRUDENTIAL BACHE ENERGY IIP-		0.623318	0.623318	
			PRUDENTIAL BACHE ENERGY IIP-		0.98975	0.98975	
			PRUDENTIAL BACHE ENERGY IIP-		0.861645	0.861645	
			PRUDENTIAL BACHE ENERGY IIP-		2.511604	2.511604	
			PRUDENTIAL BACHE ENERGY IIP-		2.768264	2.768264	
			PRUDENTIAL BACHE ENERGY PROD		0.522487	0.522487	
			JAMES M RAYMOND		5.729166	5.729166	
			MAYDELL MILLER MAST TRUST		0.572917	0.572917	
			CORINNE MILLER GAY TRUST		0.572917	0.572917	
			T H MCELVAIN OIL AND		6.875000	6.875000	
					-----	-----	
		TOTAL			100.000000	100.000000	
SF-080180-A	30N 6W	320.00		TRACT: 011			1.086085
SEC. 31	E/2		ORRI:		25.625000	25.625000	-----
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		28.896405	28.896405	
			ST JOHN INSTITUTIONAL INVEST		32.978595	32.978595	
					-----	-----	
		TOTAL			100.000000	100.000000	
SF-080711	30N 6W	520.00		TRACT: 012			1.764888
SEC. 19	N/2, N/2 S/2, SW/4 SW/4		ORRI:		3.000000	3.000000	-----
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			ARCO		84.500000	84.500000	
					-----	-----	
		TOTAL			100.000000	100.000000	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:08

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711-A	30N 6W	924.53		TRACT: 013			3.137869
SEC. 30	W/2		ORRI:		16.916666	16.916666	
SEC. 34	LOTS 1&2, W/2		ROYALTY:		12.500000	12.500000	
NE, NW/4			WORKING INTEREST:				
SEC. 31	W/2		MERIDIAN OIL PRODUCTION INC		14.282803	14.282803	
			ST JOHN INSTITUTIONAL INVEST		16.300531	16.300531	
			AMOCO PRODUCTION COMPANY		12.500000	12.500000	
			CONOCO INC		27.500000	27.500000	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST.JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080711-B	30N 6W	145.83		TRACT: 014			0.494949
SEC. 34	LOTS 3,5,6, SE		ORRI:		2.204000	2.204000	
/SW			ROYALTY:		12.500000	12.500000	
SEC. 33	LOTS 1 & 2		WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
			TOTAL		100.000000	100.000000	

SF-080711-B	30N 6W	96.07		TRACT: 014A			0.326063
SEC. 33	LOTS 3&4, NW/SW		ORRI:		2.204000	2.204000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	440.00		TRACT: 015			1.493367
SEC. 20	W/2 NE, NW/4,		ORRI:		3.000000	3.000000	
N/2 S/2, SE/SE			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			ARCO		84.500000	84.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 91/02/01

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RUN TIME 11:37:09

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080712-A	30N 6W	1,866.90		TRACT: 016			6.336286
SEC. 30	E/2		ORRI:		16.916666	16.916666	
SEC. 21	LOTS 1-3, E/2		ROYALTY:		12.500000	12.500000	
NE, N/2 S/2, SW/SW			WORKING INTEREST:				
SEC. 22	LOT 2, NW/SW		MERIDIAN OIL PRODUCTION INC		14.282803	14.282803	
SEC. 27	LOTS 1-3, E/2,		ST JOHN INSTITUTIONAL INVEST		16.300531	16.300531	
SE/NW, SW/4			AMOCO PRODUCTION COMPANY		12.500000	12.500000	
SEC. 28	LOT 2-5, NW/NW		CONOCO INC		27.500000	27.500000	
SEC. 29	S/2 NE, W/2						
TOTAL					100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080712-B	30N 6W	114.23		TRACT: 017			0.387698
SEC. 28	LOT 6, E/2 SE		ORRI:		2.204000	2.204000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
TOTAL					100.000000	100.000000	
SF-080713	30N 6W	912.88		TRACT: 018			3.098328
SEC. 13	LOTS 1 - 4,		ORRI:		3.500000	3.500000	
W/2 E/2, NW/4			ROYALTY:		12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,		WORKING INTEREST:				
E/2 SW, W/2 E/2			MERIDIAN OIL PRODUCTION INC		4.340882	4.340882	
			EL PASO PRODUCTION CO		19.497776	19.497776	
			ST JOHN INSTITUTIONAL INVEST		27.206342	27.206342	
			GLOBAL NATURAL RESOURCES		32.955000	32.955000	
TOTAL					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713-A	30N 6W	543.79		TRACT: 019			1.845631
	SEC. 22 LOT 1, N/2, SE/4, NE/SM						
	ORRI:				16.916666	16.916666	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	MERIDIAN OIL PRODUCTION INC				14.282803	14.282803	
	ST JOHN INSTITUTIONAL INVEST				16.300531	16.300531	
	CONOCO INC				27.500000	27.500000	
	AMOCO PRODUCTION COMPANY				12.500000	12.500000	
	TOTAL				100.000000	100.000000	

REMARKS:

CONOCO SOLELY BEARS 3.75% NP1 TO MOP1.
MOP1 & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NP1 AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

[illegible]

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714	30N 6W	480.20		TRACT: 021			1.629806
	SEC. 11 LOTS 1-8, N/2						
	ORRI:				3.500000	3.500000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	MERIDIAN OIL PRODUCTION INC				4.340882	4.340882	
	EL PASO PRODUCTION CO				19.497776	19.497776	
	ST JOHN INSTITUTIONAL INVEST				27.206342	27.206342	
	GLOBAL NATURAL RESOURCES				32.955000	32.955000	
	TOTAL				100.000000	100.000000	

REMARKS:

OTHER OWNERS W/ BURDENED BY 3.0% ORRI.

[illegible]

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:12

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-02151	30N 7W ----- SEC. 28 E/2 -----	320.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO T H MCELVAIN OIL AND	TRACT: 023A	5.000000 12.500000 41.250000 41.250000 -----	5.000000 12.500000 41.250000 41.250000 -----	1.086085 -----
	TOTAL				100.000000	100.000000	
NM-02151-8	30N 7W ----- SEC. 33 ALL -----	640.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO	TRACT: 023B	5.000000 12.500000 82.500000 -----	5.000000 12.500000 82.500000 -----	2.172170 -----
	TOTAL				100.000000	100.000000	
NM-03384	30N 6W ----- SEC. 18 N/2 NW/4 SEC. 9 W/2 -----	400.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 024	5.000000 12.500000 14.850000 67.650000 -----	5.000000 12.500000 14.850000 67.650000 -----	1.357606 -----
	TOTAL				100.000000	100.000000	
NM-03385	30N 6W ----- SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4 -----	1,200.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 025	3.000000 12.500000 84.500000 -----	3.000000 12.500000 84.500000 -----	4.072818 -----
	TOTAL				100.000000	100.000000	
NM-03403	30N 6W ----- SEC. 7 S/2 SEC. 8 SW/4 -----	480.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 026	3.000000 12.500000 84.500000 -----	3.000000 12.500000 84.500000 -----	1.629127 -----
	TOTAL				100.000000	100.000000	

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RUN DATE 07/01/93
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MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03416	30N 6W	320.00		TRACT: 027			1.086085
SEC. 9	E/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
TOTAL					100.000000	100.000000	
NM-04052	30N 6W	170.32		TRACT: 028			0.578069
SEC. 21	PART OF TR.43 IN SE/4		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST AMOCO PRODUCTION COMPANY CONOCO INC		16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	
SEC. 22	PART OF TR.43 IN SW/4						
SEC. 27	PART OF TR.43 IN NW/4						
SEC. 28	PART OF TR.43 IN NE/4, LOT 1						
TOTAL					100.000000	100.000000	
REMARKS: CONOCO SOLELY BEARS 3.75% NPI TO MOP1. MOP1 & ST.JOHN'S BEAR .666666% ORRI. BOTH THE NPI AND ORRI ARE INCLUDED WITH THE CURRENT TRACT ORRI OF 12.5%.							
NM-04139	30N 6W	599.52		TRACT: 029			2.034780
SEC. 35	LOTS 1-4, E/2, E/2 W/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.500000 12.500000 14.760000 67.240000	5.500000 12.500000 14.760000 67.240000	
TOTAL					100.000000	100.000000	
NM-010444	30N 6W	160.00		TRACT: 030			0.543042
SEC. 33	S/2 NE,N/2 SE		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
TOTAL					100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE PERCENTAGE	COMMITTED	PERCENT ACTUAL
NM-06283	30N 6W	160.00		TRACT: 031			0.543042
	SEC. 12 A PORTION OF TR 39		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST GLOBAL NATURAL RESOURCES		3.500000 12.500000 4.340882 19.497776 27.206342 32.955000	3.500000 12.500000 4.340882 19.497776 27.206342 32.955000	
	SEC. 11 A PORTION OF TR 39						
	TOTAL				100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

NM-013886	30N 6W	14.47		TRACT: 032			0.049111
	SEC. 33 TRACT 44		ORRI: ROYALTY: WORKING INTEREST: EMIL MOSBACHER JR EMIL MOSBACHER III R BRUCE MOSBACHER JOHN DAVID MOSBACHER MOSBACHER USA INC JANE P MOSBACHER EST TRUST		12.500000 21.875000 2.430575 2.430575 2.430575 50.130150 8.203125	12.500000 21.875000 2.430575 2.430575 2.430575 50.130150 8.203125	
	TOTAL				100.000000	100.000000	

E-289-3	30N 7W	80.00		TRACT: 034			0.271521
	SEC. 36 W/2 SE/4		ORRI: ROYALTY: WORKING INTEREST: THE WISER OIL COMPANY		12.500000 87.500000 100.000000	12.500000 87.500000 100.000000	
	TOTAL				100.000000	100.000000	

E-289-52	30N 7W	120.00		TRACT: 035			0.407282
	SEC. 36 SE/SE, N/2 NE		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-50	30N 7W SEC. 36 NE/4 SE/4	40.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 036	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	0.135761
	TOTAL				100.000000	100.000000	
E-347-43	30N 6W SEC. 36 NW/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 037	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	0.543042
	TOTAL				100.000000	100.000000	
E-347-44	30N 6W SEC. 16 NW/4 SEC. 32 N/2	480.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 038	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	1.629127
	TOTAL				100.000000	100.000000	
E-347-49	30N 6W SEC. 36 LOTS 1 - 4, SW/4, W/2 E/2	390.24	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST	TRACT: 039	21.875000 12.500000 30.647702 34.977298	21.875000 12.500000 30.647702 34.977298	1.324480
	TOTAL				100.000000	100.000000	
E-347-48	30N 6W SEC. 16 NE/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 040	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.543042
	TOTAL				100.000000	100.000000	

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RUN DATE 07/01/93
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MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-47	30N 6W	640.00		TRACT: 041			2.172170
	SEC. 16 S/2		ORRI:		5.000000	5.000000	
	SEC. 32 S/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
E-1214-12	30N 7W	80.00		TRACT: 042			0.271521
	SEC. 32 N/2 NE/4		ORRI:		10.000000	10.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			SOUTHLAND ROYALTY CO		77.500000	77.500000	
			TOTAL		100.000000	100.000000	
E-1264-12	30N 7W	40.00		TRACT: 043			0.135761
	SEC. 36 SE/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
E-3707-15	30N 7W	40.00		TRACT: 044			0.135761
	SEC. 32 SE/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
E-3707-14	30N 7W	40.00		TRACT: 045			0.135761
	SEC. 32 SW/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:16

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5111-6	30N 7W	80.00		TRACT: 046		0.271521
SEC. 36	W/2 SW/4					
	ORRI:	7.500000			7.500000	
	ROYALTY:	12.500000			12.500000	
	WORKING INTEREST:					
	CONOCO INC	32.000000			32.000000	
	EL PASO PRODUCTION CO	22.416605			22.416605	
	ST JOHN INSTITUTIONAL INVEST	25.583395			25.583395	
	TOTAL	100.000000			100.000000	

REMARKS:
GLA-204

E-5167-2	30N 7W	120.00		TRACT: 047		0.407282
SEC. 36	N/2 NW, SW/NW					
	ORRI:					
	ROYALTY:	12.500000			12.500000	
	WORKING INTEREST:					
	MERIDIAN OIL PRODUCTION INC	23.496572			23.496572	
	ST JOHN INSTITUTIONAL INVEST	26.815928			26.815928	
	W P CARR	37.187500			37.187500	
	TOTAL	100.000000			100.000000	

B-10037-59	30N 7W	160.00		TRACT: 048		0.543042
SEC. 32	SE/4					
	ORRI:	5.000000			5.000000	
	ROYALTY:	12.500000			12.500000	
	WORKING INTEREST:					
	SOUTHLAND ROYALTY CO	82.500000			82.500000	
	TOTAL	100.000000			100.000000	

B-10603-46	30N 7W	40.00		TRACT: 049		0.135761
SEC. 36	SW/4 NE/4					
	ORRI:	6.000000			6.000000	
	ROYALTY:	12.500000			12.500000	
	WORKING INTEREST:					
	WILLIAMS PRODUCTION COMPANY	14.670000			14.670000	
	PHILLIPS PETROLEUM COMPANY	66.830000			66.830000	
	TOTAL	100.000000			100.000000	

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10603-43	30N 7W	120.00		TRACT: 050			0.407282
SEC. 36	SE/NW, E/2 SW		ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST PAUL H UMBACH ESTATE AMOCO PRODUCTION COMPANY MOORE LOYAL TRUST MIZEL RESOURCES		5.000000 12.500000	5.000000 12.500000	
GOMEZ, J CRIST 30N 6W		949.95		TRACT: 051			3.224144
SEC. 28	LOTS 7 & 8, S/2 SW, SW/SE, PART OF TR#42 IN S/2		ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		4.000000 12.500000	4.000000 12.500000	
SEC. 29	SE/4						
SEC. 35	PART OF TR.47 IN W/2 W/2						
SEC. 34	LOT 4, PART OF TR.47 IN SE/4						
SEC. 34	N/2 SW, SW/SW						
SEC. 33	N/2 NE, NW/4, NE/SW, TR.45SE, SE/SW						
TOTAL		100.000000			100.000000		
GOMEZ, J CRIST 30N 6W		159.51		TRACT: 052			0.541379
SEC. 10	A PORTION OF TR 38		ROYALTY: WORKING INTEREST: WILLIAM G WEBB FRANK D GORHAM JR MERIDIAN OIL PRODUCTION INC EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERG IIP- PRUDENTIAL BACHE ENERG IIP- PRUDENTIAL BACHE ENERG IIP- PRUDENTIAL BACHE ENERG IIP- PRUDENTIAL BACHE ENERGY IVP-		15.312500 12.500000	15.312500 12.500000	
SEC. 11	A PORTION OF TR 38						
SEC. 15	A PORTION OF TR 38						
TOTAL		100.000000			100.000000		

RUN DATE 07/01/93
RUN TIME 11:37:18

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
PEDRO J. GARCI 30N 6W							
SEC. 13	SW/4	160.00	ORRI:	TRACT: 053	12.500000	12.500000	0.543042
ROYALTY:							
WORKING INTEREST:							
WILLIAMS PRODUCTION COMPANY							
TOTAL					100.000000	100.000000	
GOMEZ, JE, ET 30N 6W							
SEC. 19	S/2 SE, SE/SW	160.00	ORRI:	TRACT: 054	5.000000	5.000000	0.543042
SEC. 20	SW/SW		ROYALTY:		12.500000	12.500000	
WORKING INTEREST:							
EL PASO PRODUCTION CO							
ST JOHN INSTITUTIONAL INVEST							
THOMAS H & NANCY L HARRINGTON							
TOTAL					100.000000	100.000000	
GOMEZ, JE, ET 30N 6W							
SEC. 20	SW/SE, SE/SW	160.00	ORRI:	TRACT: 055	5.000000	5.000000	0.543042
SEC. 29	N/2 NE/4		ROYALTY:		12.500000	12.500000	
WORKING INTEREST:							
EL PASO PRODUCTION CO							
ST JOHN INSTITUTIONAL INVEST							
THOMAS H & NANCY L HARRINGTON							
TOTAL					100.000000	100.000000	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:19

MERIDIAN OIL INC
SCHEDULE XXX
THE 029 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 17
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
GOMEZ, JE, ET	30N 6W	174.46		TRACT: 056			0.592120
SEC. 21	PART OF TR.42 IN S/2		ORRI:		16.916666	16.916666	
			ROYALTY:		12.500000	12.500000	
SEC. 28	PART OF TR.42 IN N/2		WORKING INTEREST:		14.282803	14.282803	
			MERIDIAN OIL PRODUCTION INC		16.300531	16.300531	
SEC. 34	PART OF TR.47 IN NE/4		ST JOHN INSTITUTIONAL INVEST		12.500000	12.500000	
			AMOCO PRODUCTION COMPANY		27.500000	27.500000	
			CONOCO INC				
TOTAL					100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPJ.
MOPJ & ST.JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

GOMEZ, JE, ET	30N 6W	80.00		TRACT: 057			0.271521
SEC. 20	E/2 NE/4		ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		84.500000	84.500000	
TOTAL					100.000000	100.000000	
GOMEZ, JE, ET	30N 6W	240.00		TRACT: 057A			0.814564
SEC. 21	NW/4, W/2 NE		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		25.685693	25.685693	
			ST JOHN INSTITUTIONAL INVEST		29.314307	29.314307	
			THOMAS H & NANCY L HARRINGTON		27.500000	27.500000	
TOTAL					100.000000	100.000000	

EFFECTIVE 91/02/01

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXX
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 10 : LOTS 1-5, N/2, W/2 SW/4
SECTION 10 : A PORTION OF TR 38
SECTION 11 : A PORTION OF TR 38
SECTION 11 : A PORTION OF TR 39
SECTION 11 : LOTS 1-8, N/2
SECTION 12 : LOTS 1-6, NW/4, E/2 SW, W/2 E/2
SECTION 12 : A PORTION OF TR 39
SECTION 13 : SW/4
SECTION 13 : LOTS 1 - 4, W/2 E/2, NW/4
SECTION 14 : ALL
SECTION 15 : S/2, S/2 NW/4
SECTION 15 : LOTS 1, 2, NE/NE, S/2 NE, NW/NW
SECTION 15 : A PORTION OF TR 38
SECTION 16 : NE/4
SECTION 16 : NW/4
SECTION 16 : S/2
SECTION 17 : ALL
SECTION 18 : E/2, SW/4, S/2 NW/4
SECTION 18 : N/2 NW/4
SECTION 19 : N/2, N/2 S/2, SW/4 SW/4
SECTION 19 : S/2 SE, SE/SW
SECTION 20 : SW/SW
SECTION 20 : W/2 NE, NW/4, N/2 S/2, SE/SE
SECTION 20 : SW/SE, SE/SW
SECTION 20 : E/2 NE/4
SECTION 21 : NW/4, W/2 NE
SECTION 21 : PART OF TR.42 IN S/2
SECTION 21 : PART OF TR.43 IN SE/4
SECTION 21 : LOTS 1-3, E/2 NE, N/2 S/2, SW/SW
SECTION 22 : LOT 2, NW/SW
SECTION 22 : LOT 1, N/2, SE/4, NE/SW
SECTION 22 : PART OF TR.43 IN SW/4
SECTION 23 : W/2, W/2 E/2, E/2 SE
SECTION 23 : E/2NE/4
SECTION 24 : W/2
SECTION 24 : LOTS 1-4, W/2 E/2, W/2 (ALL)
SECTION 25 : LOT 4
SECTION 25 : LOTS 1-3, W/2 E/2
SECTION 25 : W/2
SECTION 26 : ALL
SECTION 27 : PART OF TR.43 IN NW/4
SECTION 27 : LOTS 1-3, E/2, SE/NW, SW/4
SECTION 28 : LOT 6, E/2 SE
SECTION 28 : LOT 2-5, NW/NW
SECTION 28 : PART OF TR.42 IN S/2
SECTION 28 : PART OF TR.43 IN NE/4, LOT 1
SECTION 28 : PART OF TR.42 IN N/2
SECTION 28 : LOTS 7 & 8, S/2 SW, SW/SE,
SECTION 29 : N/2 NE/4
SECTION 29 : SE/4

RUN DATE 07/01/93
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MERIDIAN OIL INC
SCHEDULE XXX
R E C A P I T U L A T I O N

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FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 29	: S/2 NE, W/2	
SECTION 30	: E/2	
SECTION 30	: W/2	
SECTION 31	: W/2	
SECTION 31	: E/2	
SECTION 32	: S/2	
SECTION 32	: W/2	
SECTION 33	: S/2 NE, N/2 SE	
SECTION 33	: TRACT 44	
SECTION 33	: N/2 NE, NW/4, NE/SW, TR.45SE, SE/SW	
SECTION 33	: LOTS 3&4, NW/SW	
SECTION 33	: LOTS 1 & 2	
SECTION 34	: LOTS 3,5,6, SE/SW	
SECTION 34	: N/2 SW, SW/SW	
SECTION 34	: LOT 4, PART OF	TR.47 IN SE/4
SECTION 34	: PART OF TR.47	IN NE/4
SECTION 34	: LOTS 1&2, W/2 NE, NW/4	
SECTION 35	: LOTS 1-4, E/2,	E/2 W/2
SECTION 35	: PART OF TR.47	IN W/2 W/2
SECTION 36	: NW/4	
SECTION 36	: LOTS 1 - 4,	SW/4, W/2 E/2
SECTION 7	: S/2	
SECTION 7	: N/2	
SECTION 8	: N/2, SE/4	
SECTION 8	: SW/4	
SECTION 9	: E/2	
SECTION 9	: W/2	
TOWNSHIP 30N	: RANGE 7W	
SECTION 11	: E/2	
SECTION 11	: W/2	
SECTION 12	: E/2	
SECTION 12	: W/2	
SECTION 13	: E/2	
SECTION 13	: W/2	
SECTION 14	: E/2	
SECTION 14	: W/2	
SECTION 15	: E/2	
SECTION 15	: W/2	
SECTION 22	: W/2 E/2, E/2	W/2
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 27	: W/2	
SECTION 28	: SW/4 SW/4	
SECTION 28	: E/2	
SECTION 28	: NW/4, N/2 SW,	SE/SW
SECTION 31	: E/2	
SECTION 32	: N/2 NE/4	

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXX
R E C A P I T U L A T I O N

PAGE 3
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 32 : SE/4 NE/4
SECTION 32 : SW/4 NE/4
SECTION 32 : SE/4
SECTION 33 : ALL
SECTION 34 : ALL
SECTION 35 : ALL
SECTION 36 : NE/4 SE/4
SECTION 36 : W/2 SE/4
SECTION 36 : SE/SE, N/2 NE
SECTION 36 : SW/4 NE/4
SECTION 36 : SE/NW, E/2 SW
SECTION 36 : W/2 SW/4
SECTION 36 : N/2 NW, SW/NW
SECTION 36 : SE/4 NE/4
TOTAL COMMITTED: 29,463.63

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 29,463.63

RUN DATE 07/01/93
RUN TIME 11:37:20

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078741	30N 6W	1,445.98	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 001	0.500000 12.500000 15.660000 71.340000	0.500000 12.500000 15.660000 71.340000	4.854949
	SEC. 24 E/2, W/2 (ALL) SEC. 25 LOT 4 SEC. 26 ALL SEC. 23 W/2, W/2 E/2, E/2 SE						
	TOTAL				100.000000	100.000000	1.074416
SF-078741	30N 6W	320.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 001A	2.500000 12.500000 15.300000 69.700000	2.500000 12.500000 15.300000 69.700000	
	SEC. 24 W/2						
	TOTAL				100.000000	100.000000	0.980740
SF-078741	30N 6W	292.10	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 001B	2.000000 12.500000 15.390000 70.110000	2.000000 12.500000 15.390000 70.110000	
	SEC. 23 E/2NE/4 SEC. 25 LOTS 1-3, W/2 E/2						
	TOTAL				100.000000	100.000000	1.074416
SF-078741	30N 6W	320.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 001C	1.500000 12.500000 15.480000 70.520000	1.500000 12.500000 15.480000 70.520000	
	SEC. 25 W/2						
	TOTAL				100.000000	100.000000	3.223247
NM-012573	30N 7W	960.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST	TRACT: 002	3.500000 12.500000 39.229058 44.770942	3.500000 12.500000 39.229058 44.770942	
	SEC. 14 W/2 SEC. 13 W/2 SEC. 12 E/2						
	TOTAL				100.000000	100.000000	3.223247

EFFECTIVE 91/07/01

RUN DATE 07/01/93
RUN TIME 11:37:21

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012293	30N 7W	960.00		TRACT: 003			3.223247
SEC. 14	E/2		ORRI:		20.000000	20.000000	
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
SEC. 13	E/2		WORKING INTEREST:				
			CONOCO INC		33.750000	33.750000	
			AMOCO PRODUCTION COMPANY		33.750000	33.750000	
			TOTAL		100.000000	100.000000	
NM-012694	30N 7W	640.00		TRACT: 004			2.148831
SEC. 15	E/2		ORRI:		20.000000	20.000000	
SEC. 11	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			AMOCO PRODUCTION COMPANY		33.750000	33.750000	
			CONOCO INC		33.750000	33.750000	
			TOTAL		100.000000	100.000000	
NM-012710	30N 7W	640.00		TRACT: 005			2.148831
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		39.229058	39.229058	
			ST JOHN INSTITUTIONAL INVEST		44.770942	44.770942	
			TOTAL		100.000000	100.000000	
SF-079002	30N 6W	800.00		TRACT: 006			2.686039
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	N/2, SE/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAM G WEBB		1.715957	1.715957	
			FRANK D GORHAM JR		12.033699	12.033699	
			EL PASO PRODUCTION CO		14.448203	14.448203	
			EL PASO PRODUCTION CO		13.750688	13.750688	
			ST JOHN INSTITUTIONAL INVEST		16.489297	16.489297	
			PRUDENTIAL BACHE ENERGY IIP-		0.316242	0.316242	
			PRUDENTIAL BACHE ENERGY IIP-		0.261244	0.261244	
			PRUDENTIAL BACHE ENERGY IIP-		0.756231	0.756231	
			PRUDENTIAL BACHE ENERGY IIP-		0.934977	0.934977	
			PRUDENTIAL BACHE ENERGY IIP-		1.484963	1.484963	
			PRUDENTIAL BACHE ENERGY IIP-		1.292467	1.292467	
			PRUDENTIAL BACHE ENERGY IVP-		3.767406	3.767406	
			PRUDENTIAL BACHE ENERGY IVP-		4.152396	4.152396	
			PRUDENTIAL BACHE ENERGY PROD		0.783730	0.783730	
			TOTAL		100.000000	100.000000	

EFFECTIVE 91/07/01

RUN DATE 07/01/93
RUN TIME 11:37:23

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012709	30N 7W	680.00		TRACT: 007			2.283133
SEC. 31	E/2		ORRI:		5.000000	5.000000	
SEC. 28	SW/4 SW/4		ROYALTY:		12.500000	12.500000	
SEC. 29	S/2		WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008			1.074416
SEC. 22	W/2 E/2, E/2		ORRI:		12.500000	12.500000	
W/2			ROYALTY:				
			WORKING INTEREST:		87.500000	87.500000	
			T H MCELVAIN OIL AND				
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008A			1.074416
SEC. 27	W/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			SOUTHLAND ROYALTY CO		41.250000	41.250000	
			T H MCELVAIN OIL AND		43.750000	43.750000	
			TOTAL		100.000000	100.000000	
SF-079382	30N 7W	2,080.00		TRACT: 009			6.983702
SEC. 23	ALL		ORRI:		11.875000	11.875000	
SEC. 24	ALL		ROYALTY:		12.500000	12.500000	
SEC. 25	ALL		WORKING INTEREST:				
SEC. 22	E/2 E/2		WILLIAM G WEBB		1.143971	1.143971	
			FRANK D GORHAM JR		8.022466	8.022466	
			JAMES M RAYMOND		5.729166	5.729166	
			MAYDELL MILLER MAST TRUST		0.572917	0.572917	
			CORINNE MILLER GAY TRUST		0.572917	0.572917	
			EL PASO PRODUCTION CO		16.053560	16.053560	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			EL PASO PRODUCTION CO		9.167125	9.167125	
			ST JOHN INSTITUTIONAL INVEST		18.321441	18.321441	
			PRUDENTIAL BACHE ENERGY IIP-		0.210828	0.210828	
			PRUDENTIAL BACHE ENERGY IIP-		0.504154	0.504154	
			PRUDENTIAL BACHE ENERGY IIP-		0.623318	0.623318	
			PRUDENTIAL BACHE ENERGY IIP-		0.989975	0.989975	
			PRUDENTIAL BACHE ENERGY IIP-		0.861645	0.861645	
			PRUDENTIAL BACHE ENERGY IIP-		2.511604	2.511604	
			PRUDENTIAL BACHE ENERGY IIP-		2.768264	2.768264	

EFFECTIVE 91/07/01

RUN DATE 07/01/93
RUN TIME 11:37:24

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079383	30N 7W	2,240.00	TRACT: 010				
SEC. 26	ALL		ORRI:		11.875000	11.875000	7.520910
SEC. 35	ALL		ROYALTY:		12.500000	12.500000	
SEC. 27	E/2		WORKING INTEREST:				
SEC. 34	ALL		WILLIAM G WEBB		1.143971	1.143971	
			FRANK D GORHAM JR		8.022466	8.022466	
			JAMES M RAYMOND		5.729166	5.729166	
			MAYDELL MILLER MAST TRUST		0.572917	0.572917	
			CORINNE MILLER GAY TRUST		0.572917	0.572917	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			EL PASO PRODUCTION CO		16.053560	16.053560	
			ST JOHN INSTITUTIONAL CO		9.167125	9.167125	
			PRUDENTIAL BACHE ENERGY INVEST		18.321441	18.321441	
			PRUDENTIAL BACHE ENERGY IIP-		0.210828	0.210828	
			PRUDENTIAL BACHE ENERGY IIP-		0.174162	0.174162	
			PRUDENTIAL BACHE ENERGY IIP-		0.504154	0.504154	
			PRUDENTIAL BACHE ENERGY IIP-		0.623318	0.623318	
			PRUDENTIAL BACHE ENERGY IIP-		0.989975	0.989975	
			PRUDENTIAL BACHE ENERGY IIP-		0.861645	0.861645	
			PRUDENTIAL BACHE ENERGY IVP-		2.511604	2.511604	
			PRUDENTIAL BACHE ENERGY IVP-		2.768264	2.768264	
			PRUDENTIAL BACHE ENERGY PROD		0.522487	0.522487	
			TOTAL		100.000000	100.000000	
SF-080180-A	30N 6W	320.00	TRACT: 011				1.074416
SEC. 31	E/2		ORRI:		25.625000	25.625000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		28.896405	28.896405	
			ST JOHN INSTITUTIONAL INVEST		32.978595	32.978595	
			TOTAL		100.000000	100.000000	
SF-080711	30N 6W	520.00	TRACT: 012				1.745925
SEC. 19	N/2, N/2 S/2, SW/4 SW/4		ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			ARCO		84.500000	84.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 91/07/01

RUN DATE 07/01/93
RUN TIME 11:37:27

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711-A	30N 6W	924.53		TRACT: 013			3.104155
	SEC. 30 W/2		ORRI:		16.916666	16.916666	
	SEC. 34 LOTS 1&2, W/2		ROYALTY:		12.500000	12.500000	
	NE, NW/4		WORKING INTEREST:				
	SEC. 31 W/2		AMOCO PRODUCTION COMPANY		12.500000	12.500000	
			CONOCO INC		27.500000	27.500000	
			MERIDIAN OIL PRODUCTION INC		14.282803	14.282803	
			ST JOHN INSTITUTIONAL INVEST		16.300531	16.300531	
					100.000000	100.000000	
			TOTAL				

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi & ST.JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080711-B	30N 6W	145.83		TRACT: 014			0.489631
	SEC. 34 LOTS 3,5,6, SE		ORRI:		2.204000	2.204000	
	/SW		ROYALTY:		12.500000	12.500000	
	SEC. 33 LOTS 1 & 2		WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
					100.000000	100.000000	
			TOTAL				
SF-080711-B	30N 6W	96.07		TRACT: 014A			0.322560
	SEC. 33 LOTS 3&4, NW/SW		ORRI:		2.204000	2.204000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
					100.000000	100.000000	
			TOTAL				
SF-080712	30N 6W	440.00		TRACT: 015			1.477321
	SEC. 20 W/2 NE, NW/4,		ORRI:		3.000000	3.000000	
	N/2 S/2, SE/SE		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			ARCO		84.500000	84.500000	
					100.000000	100.000000	
			TOTAL				

EFFECTIVE 91/07/01

RUN DATE 07/01/93
RUN TIME 11:37:29

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080712-A	30N 6W	1,866.90		TRACT: 016			6.268208
SEC. 30	E/2		ORRI:		16.916666	16.916666	
SEC. 21	LOTS 1-3, E/2		ROYALTY:		12.500000	12.500000	
NE, N/2 S/2, SW/SW			WORKING INTEREST:				
SEC. 22	LOT 2, NW/SW		AMOCO PRODUCTION COMPANY		12.500000	12.500000	
SEC. 27	LOTS 1-3, E/2,		CONOCO INC		27.500000	27.500000	
SE/NW, SW/4			MERIDIAN OIL PRODUCTION INC		14.282803	14.282803	
SEC. 28	LOT 2-5, NW/NW		ST JOHN INSTITUTIONAL INVEST		16.300531	16.300531	
SEC. 29	S/2 NE, W/2						
TOTAL					100.000000	100.000000	
REMARKS: CONOCO SOLELY BEARS 3.75% NPI TO MOPi. MOPi & ST.JOHN'S BEAR .666666% ORRI. BOTH THE NPI AND ORRI ARE INCLUDED WITH THE CURRENT TRACT ORRI OF 12.5%.							
SF-080712-B	30N 6W	114.23		TRACT: 017			0.383533
SEC. 28	LOT 6, E/2 SE		ORRI:		2.204000	2.204000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
TOTAL					100.000000	100.000000	
SF-080713	30N 6W	912.88		TRACT: 018			3.065039
SEC. 13	LOTS 1 - 4,		ORRI:		3.500000	3.500000	
W/2 E/2, NW/4			ROYALTY:		12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,		WORKING INTEREST:				
E/2 SW, W/2 E/2			GLOBAL NATURAL RESOURCES		32.955000	32.955000	
			MERIDIAN OIL PRODUCTION INC		4.340882	4.340882	
			ST JOHN INSTITUTIONAL INVEST		27.206342	27.206342	
			EL PASO PRODUCTION CO		19.497776	19.497776	
TOTAL					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713-A	30N 6W	543.79		TRACT: 019			1.825801
	SEC. 22 LOT 1, N/2, SE/4, NE/SW						
	ORRI:				16.916666	16.916666	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	CONOCO INC				27.500000	27.500000	
	AMOCO PRODUCTION COMPANY				12.500000	12.500000	
	MERIDIAN OIL PRODUCTION INC				14.282803	14.282803	
	ST JOHN INSTITUTIONAL INVEST				16.300531	16.300531	
	TOTAL				100.000000	100.000000	

REMARKS:

CONOCO SOLELY BEAR 3.75% NPI TO MOP1.
MOP1 & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080713-B	30N	6W	1,040.00	TRACT: 020	3.49185
SEC. 15	S/2,	S/2 NW/4	ORRI:	15.312500	
SEC. 14	ALL		ROYALTY:	12.500000	
			WORKING INTEREST:		
			WILLIAM G WEBB	1.715957	1.715957
			FRANK D GORHAM JR	12.033699	12.033699
			EL PASO PRODUCTION CO	14.448203	14.448203
			EL PASO PRODUCTION CO	13.750688	13.750688
			ST JOHN INSTITUTIONAL INVEST	16.489297	16.489297
			PRUDENTIAL BACHE ENERGY IIP-	0.316242	0.316242
			PRUDENTIAL BACHE ENERGY IIP-	0.261244	0.261244
			PRUDENTIAL BACHE ENERGY IIP-	0.756231	0.756231
			PRUDENTIAL BACHE ENERGY IIP-	0.934977	0.934977
			PRUDENTIAL BACHE ENERGY IIP-	1.484963	1.484963
			PRUDENTIAL BACHE ENERGY IIP-	1.292467	1.292467
			PRUDENTIAL BACHE ENERGY IVP-	3.767406	3.767406
			PRUDENTIAL BACHE ENERGY IVP-	4.152396	4.152396
			PRUDENTIAL BACHE ENERGY PROD	0.783730	0.783730
TOTAL				100.000000	100.000000

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714	30N 6W	480.20		TRACT: 021	3.500000	3.500000	1.612295
	SEC. 11	LOTS 1-8, N/2			12.500000	12.500000	
	ORR1: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST EL PASO PRODUCTION CO						
					32.955000	32.955000	
					4.340882	4.340882	
					27.206342	27.206342	
					19.497776	19.497776	
					100.000000	100.000000	

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.[illegible]

RUN DATE 07/01/93
RUN TIME 11:37:32

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-02151	30N 7W SEC. 28 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO T H MCELVAIN OIL AND	TRACT: 023A	5.000000 12.500000 41.250000 41.250000 41.250000	1.074416
	TOTAL				100.000000	
NM-02151-B	30N 7W SEC. 33 ALL	640.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO	TRACT: 023B	5.000000 12.500000 82.500000	2.148831
	TOTAL				100.000000	
NM-03384	30N 6W SEC. 18 N/2 NW/4 SEC. 9 W/2	400.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 024	5.000000 12.500000 14.850000 67.650000	1.343020
	TOTAL				100.000000	
NM-03385	30N 6W SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4	1,200.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 025	3.000000 12.500000 84.500000	4.029059
	TOTAL				100.000000	
NM-03403	30N 6W SEC. 7 S/2 SEC. 8 SW/4	480.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 026	3.000000 12.500000 84.500000	1.611623
	TOTAL				100.000000	

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MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03416	30N 6W	320.00		TRACT: 027	5.000000	5.000000	1.074416
SEC. 9	E/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000	12.500000	
					14.850000	14.850000	
					67.650000	67.650000	
					100.000000	100.000000	
			TOTAL				
NM-04052	30N 6W	170.32		TRACT: 028	16.916666	16.916666	0.571858
SEC. 21	PART OF TR.43 IN SE/4		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST		12.500000	12.500000	
SEC. 22	PART OF TR.43 IN SW/4				12.500000	12.500000	
SEC. 27	PART OF TR.43 IN NW/4				27.500000	27.500000	
SEC. 28	PART OF TR.43 IN NE/4, LOT 1				14.282803	14.282803	
					16.300531	16.300531	
			TOTAL				
					100.000000	100.000000	
REMARKS: CONOCO SOLELY BEARS 3.75% NPI TO MOPJ. MOPJ & ST.JOHN'S BEAR .666666% ORRI. BOTH THE NPI AND ORRI ARE INCLUDED WITH THE CURRENT TRACT ORRI OF 12.5%.							
NM-04139	30N 6W	599.52		TRACT: 029	5.500000	5.500000	2.012918
SEC. 35	LOTS 1-4, E/2, E/2 W/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000	12.500000	
					14.760000	14.760000	
					67.240000	67.240000	
					100.000000	100.000000	
			TOTAL				
					100.000000	100.000000	
NM-010444	30N 6W	160.00		TRACT: 030	5.000000	5.000000	0.537208
SEC. 33	S/2 NE,N/2 SE		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000	12.500000	
					14.850000	14.850000	
					67.650000	67.650000	
					100.000000	100.000000	
			TOTAL				
					100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-06283	30N 6W	160.00		TRACT: 031			0.537208
	SEC. 12 A PORTION OF TR 39		ORRI:		3.500000	3.500000	
	SEC. 11 A PORTION OF TR 39		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			GLOBAL NATURAL RESOURCES		32.955000	32.955000	
			MERIDIAN OIL PRODUCTION INC		4.340882	4.340882	
			ST JOHN INSTITUTIONAL INVEST		27.206342	27.206342	
			EL PASO PRODUCTION CO		19.497776	19.497776	
					-----	-----	
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

NM-013886	30N 6W	14.47		TRACT: 032			0.048584
	SEC. 33 TRACT 44		ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:				
			EMIL MOSBACHER JR		21.875000	21.875000	
			EMIL MOSBACHER III		2.430575	2.430575	
			R BRUCE MOSBACHER		2.430575	2.430575	
			JOHN DAVID MOSBACHER		2.430575	2.430575	
			MOSBACHER USA INC		50.130150	50.130150	
			JANE P MOSBACHER EST TRUST		8.203125	8.203125	
					-----	-----	
			TOTAL		100.000000	100.000000	

E-289-3	30N 7W	80.00		TRACT: 034			0.268604
	SEC. 36 W/2 SE/4		ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:				
			THE WISER OIL COMPANY		87.500000	87.500000	
					-----	-----	
			TOTAL		100.000000	100.000000	

E-289-52	30N 7W	120.00		TRACT: 035			0.402906
	SEC. 36 SE/SE, N/2 NE		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
					-----	-----	
			TOTAL		100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-50	30N 7W	40.00		TRACT: 036	5.000000	5.000000	0.134302
	SEC. 36 NE/4 SE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 14.850000 67.650000	12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	
E-347-43	30N 6W	160.00		TRACT: 037	5.000000	5.000000	0.537208
	SEC. 36 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 14.850000 67.650000	12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	
E-347-44	30N 6W	480.00		TRACT: 038	5.000000	5.000000	1.611623
	SEC. 16 NW/4 SEC. 32 N/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 14.850000 67.650000	12.500000 14.850000 67.650000	
	TOTAL				100.000000	100.000000	
E-347-49	30N 6W	390.24		TRACT: 039	21.875000	21.875000	1.310250
	SEC. 36 LOTS 1 - 4, SW/4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		12.500000 30.647702 34.977298	12.500000 30.647702 34.977298	
	TOTAL				100.000000	100.000000	
E-347-48	30N 6W	160.00		TRACT: 040	5.000000	5.000000	0.537208
	SEC. 16 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000 82.500000	12.500000 82.500000	
	TOTAL				100.000000	100.000000	

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MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-47	30N 6W SEC. 16 S/2 SEC. 32 S/2	640.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 041	5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	2.148831 -----
E-1214-12	30N 7W SEC. 32 N/2 NE/4	80.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO	TRACT: 042	10.000000 12.500000 77.500000 100.000000	10.000000 12.500000 77.500000 100.000000	0.268604 -----
E-1264-12	30N 7W SEC. 36 SE/4 NE/4	40.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 043	5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	0.134302 -----
E-3707-15	30N 7W SEC. 32 SE/4 NE/4	40.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 044	5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	0.134302 -----
E-3707-14	30N 7W SEC. 32 SW/4 NE/4	40.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 045	5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	0.134302 -----

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5111-6	30N 7W	80.00		TRACT: 046			0.268604
	SEC. 36 W/2 SW/4						
	ORRI:				7.500000	7.500000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	CONOCO INC				32.000000	32.000000	
	EL PASO PRODUCTION CO				22.416605	22.416605	
	ST JOHN INSTITUTIONAL INVEST				25.583395	25.583395	
	TOTAL				100.000000	100.000000	

REMARKS:
GLA-204

E-5167-2	30N 7W	120.00		TRACT: 047			0.402906
	SEC. 36 N/2 NW, SW/NW						
	ORRI:				12.500000	12.500000	
	ROYALTY:				37.187500	37.187500	
	WORKING INTEREST:				23.496572	23.496572	
	W P CARR				26.815928	26.815928	
	MERIDIAN OIL PRODUCTION INC						
	ST JOHN INSTITUTIONAL INVEST						
	TOTAL				100.000000	100.000000	

B-10037-59	30N 7W	160.00		TRACT: 048			0.537208
	SEC. 32 SE/4						
	ORRI:				5.000000	5.000000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	SOUTHLAND ROYALTY CO				82.500000	82.500000	
	TOTAL				100.000000	100.000000	

B-10603-46	30N 7W	40.00		TRACT: 049			0.134302
	SEC. 36 SW/4 NE/4						
	ORRI:				6.000000	6.000000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	WILLIAMS PRODUCTION COMPANY				14.670000	14.670000	
	PHILLIPS PETROLEUM COMPANY				66.830000	66.830000	
	TOTAL				100.000000	100.000000	

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10603-43	30N 7W	120.00		TRACT: 050			0.402906
SEC. 36	SE/NW, E/2 SW		ORRI: ROYALTY: WORKING INTEREST: PAUL H UMBACH ESTATE AMOCO PRODUCTION COMPANY MOORE LOYAL TRUST MIZEL RESOURCES MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST		5.000000 12.500000 2.062500 54.171562 7.425000 9.281250 4.464496 5.095192	5.000000 12.500000 2.062500 54.171562 7.425000 9.281250 4.464496 5.095192	
			TOTAL		100.000000	100.000000	
GOMEZ, J CRIST 30N 6W		949.95		TRACT: 051			3.189504
SEC. 28	LOTS 7 & 8, S/2 SW, SW/SE, PART OF TR#42 IN S/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		4.000000 12.500000 15.030000 68.470000	4.000000 12.500000 15.030000 68.470000	
SEC. 29	SE/4						
SEC. 35	PART OF TR.47 IN W/2 W/2						
SEC. 34	LOT 4, PART OF TR.47 IN SE/4						
SEC. 34	N/2 SW, SW/SW						
SEC. 33	N/2 NE, NW/4, NE/SW, TR.45SE, SE/SW						
			TOTAL		100.000000	100.000000	
GOMEZ, J CRIST 30N 6W		159.51		TRACT: 052			0.535563
SEC. 10	A PORTION OF TR 38		ORRI: ROYALTY: WORKING INTEREST: WILLIAM G WEBB FRANK D GORHAM JR		15.312500 12.500000 1.716000 12.034000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500 4.152500 0.783750 2.062500	15.312500 12.500000 1.716000 12.034000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500 4.152500 0.783750 2.062500	
SEC. 11	A PORTION OF TR 38						
SEC. 15	A PORTION OF TR 38						

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RUN TIME 11:37:38

MERIDIAN OIL INC
SCHEDULE XXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
PEDRO J. GARCIA 30N 6W							
SEC. 13	SW/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 053	12.500000 87.500000 100.000000	12.500000 87.500000 100.000000	0.537208 -----
TOTAL							
					100.000000	100.000000	0.537208
GOMEZ, JE, ET 30N 6W							
SEC. 19	S/2 SE, SE/SW	160.00	ORRI: ROYALTY: WORKING INTEREST: THOMAS H & NANCY L HARRINGTON EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST	TRACT: 054	5.000000 12.500000 27.500000 25.685693 29.314307	5.000000 12.500000 27.500000 25.685693 29.314307	0.537208 -----
SEC. 20	SW/SW						
TOTAL							
					100.000000	100.000000	0.537208
GOMEZ, JE, ET 30N 6W							
SEC. 20	SW/SE, SE/SW	160.00	ORRI: ROYALTY: WORKING INTEREST: THOMAS H & NANCY L HARRINGTON EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST	TRACT: 055	5.000000 12.500000 27.500000 25.685693 29.314307	5.000000 12.500000 27.500000 25.685693 29.314307	0.537208 -----
SEC. 29	N/2 NE/4						
TOTAL							
					100.000000	100.000000	0.537208

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RUN DATE 07/01/93
RUN TIME 11:37:40

MERIDIAN OIL INC
SCHEDULE XXXI
THE 030 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
GOMEZ, JE, ET	30N 6W	174.46		TRACT: 056			0.585758
SEC. 21	PART OF TR.42 IN S/2		ORRI:		16.916666	16.916666	
			ROYALTY:		12.500000	12.500000	
SEC. 28	PART OF TR.42 IN N/2		WORKING INTEREST:		12.500000	12.500000	
			AMOCO PRODUCTION COMPANY		27.500000	27.500000	
SEC. 34	PART OF TR.47 IN NE/4		CONOCO INC		14.282803	14.282803	
			MERIDIAN OIL PRODUCTION INC		16.300531	16.300531	
			ST JOHN INSTITUTIONAL INVEST		100.000000	100.000000	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST.JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

GOMEZ, JE, ET	30N 6W	80.00		TRACT: 057			0.268604
SEC. 20	E/2 NE/4		ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			WILLIAMS PRODUCTION COMPANY		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
GOMEZ, JE, ET	30N 6W	240.00		TRACT: 057A			0.805812
SEC. 21	NW/4, W/2 NE		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON		25.685693	25.685693	
			EL PASO PRODUCTION CO		29.314307	29.314307	
			ST JOHN INSTITUTIONAL INVEST		100.000000	100.000000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 91/07/01

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXXI
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 10 : A PORTION OF TR 38
SECTION 10 : LOTS 1-5, N/2, W/2 SW/4
SECTION 11 : LOTS 1-8, N/2
SECTION 11 : A PORTION OF TR 38
SECTION 11 : A PORTION OF TR 39
SECTION 12 : A PORTION OF TR 39
SECTION 12 : LOTS 1-6, NW/4, E/2 SW, W/2 E/2
SECTION 13 : LOTS 1 - 4, W/2 E/2, NW/4
SECTION 13 : SW/4
SECTION 14 : ALL
SECTION 15 : LOTS 1,2, NE/NE, S/2 NE, NW/NW
SECTION 15 : S/2, S/2 NW/4
SECTION 15 : A PORTION OF TR 38
SECTION 16 : NW/4
SECTION 16 : NE/4
SECTION 16 : S/2
SECTION 17 : ALL
SECTION 18 : E/2, SW/4, S/2 NW/4
SECTION 18 : N/2 NW/4
SECTION 19 : S/2 SE, SE/SW
SECTION 19 : N/2, N/2 S/2, SW/4 SW/4
SECTION 20 : SW/SW
SECTION 20 : SW/SE, SE/SW
SECTION 20 : E/2 NE/4
SECTION 20 : W/2 NE, NW/4, N/2 S/2, SE/SE
SECTION 21 : LOTS 1-3, E/2 NE, N/2 S/2, SW/SW
SECTION 21 : PART OF TR.42 IN S/2
SECTION 21 : NW/4, W/2 NE
SECTION 21 : PART OF TR.43 IN SE/4
SECTION 22 : PART OF TR.43 IN SW/4
SECTION 22 : LOT 2, NW/SW
SECTION 22 : LOT 1, N/2, SE/4, NE/SW
SECTION 23 : E/2NE/4
SECTION 23 : W/2, W/2 E/2, E/2 SE
SECTION 24 : W/2
SECTION 24 : LOTS 1-4, W/2 E/2, W/2 (ALL)
SECTION 25 : LOT 4
SECTION 25 : LOTS 1-3, W/2 E/2
SECTION 25 : W/2
SECTION 26 : ALL
SECTION 27 : PART OF TR.43 IN NW/4
SECTION 27 : LOTS 1-3, E/2, SE/NW, SW/4
SECTION 28 : LOT 2-5, NW/NW
SECTION 28 : LOT 6, E/2 SE
SECTION 28 : PART OF TR.42
SECTION 28 : PART OF TR.43 IN N/2
SECTION 28 : LOTS 7 & 8, IN NE/4, LOT 1
SECTION 28 : PART OF TR#42 S/2 SW, SW/SE,
SECTION 29 : SE/4 IN S/2
SECTION 29 : N/2 NE/4

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXXI
R E C A P I T U L A T I O N

PAGE 2
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION	DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:	DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:
SECTION 29	: S/2 NE, W/2	
SECTION 30	: E/2	
SECTION 30	: W/2	
SECTION 31	: E/2	
SECTION 31	: W/2	
SECTION 32	: N/2	
SECTION 32	: S/2	
SECTION 33	: S/2 NE, N/2 SE	
SECTION 33	: TRACT 44	
SECTION 33	: LOTS 1 & 2	
SECTION 33	: LOTS 3&4, NW/4	
SECTION 33	: N/2 NE, NW/4, NE/SW, TR.45SE, SE/SW	
SECTION 34	: PART OF TR.47	IN NE/4
SECTION 34	: LOTS 3,5,6, SE/SW	
SECTION 34	: LOTS 1&2, W/2 NE, NW/4	
SECTION 34	: LOT 4, PART OF	TR.47 IN SE/4
SECTION 34	: N/2 SW, SW/SW	
SECTION 35	: PART OF TR.47	IN W/2 W/2
SECTION 35	: LOTS 1-4, E/2,	E/2 W/2
SECTION 36	: NW/4	SW/4, W/2 E/2
SECTION 7	: N/2	
SECTION 7	: S/2	
SECTION 8	: N/2, SE/4	
SECTION 8	: SW/4	
SECTION 9	: E/2	
SECTION 9	: W/2	
TOWNSHIP 30N	: RANGE 7W	
SECTION 11	: W/2	
SECTION 11	: E/2	
SECTION 12	: W/2	
SECTION 12	: E/2	
SECTION 13	: W/2	
SECTION 13	: E/2	
SECTION 14	: E/2	
SECTION 14	: W/2	
SECTION 15	: E/2	
SECTION 15	: W/2	
SECTION 22	: W/2 E/2, E/2	W/2
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 27	: W/2	
SECTION 28	: SW/4 SW/4	
SECTION 28	: NW/4, N/2 SW,	SE/SW
SECTION 29	: S/2	
SECTION 31	: E/2	

RUN DATE 07/01/93
RUN TIME 11:37:44

MERIDIAN OIL INC
SCHEDULE XXXI
R E C A P I T U L A T I O N

PAGE 3
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:		DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:	
SECTION 32	: SE/4		
SECTION 32	: SW/4 NE/4		
SECTION 32	: N/2 NE/4		
SECTION 32	: SE/4 NE/4		
SECTION 33	: ALL		
SECTION 34	: ALL		
SECTION 35	: ALL		
SECTION 36	: W/2 SE/4		
SECTION 36	: W/2 SW/4		
SECTION 36	: N/2 NW, SW/NW		
SECTION 36	: SW/4 NE/4		
SECTION 36	: SE/NW, E/2 SW		
SECTION 36	: SE/4 NE/4		
SECTION 36	: SE/SE, N/2 NE		
SECTION 36	: NE/4 SE/4		
TOTAL COMMITTED:		29,783.63	TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 29,783.63

MERIDIAN OIL
 COMMERCIALITY DETERMINATION
 BLM DATA SHEET

Printed: 01/22/93 13:42

FOR LEASE: SAN JUAN 30-6 UNIT # 491

WELL INFORMATION:

LOCATION 030N006W25M
 COUNTY RIO ARRIBA
 STATE NM
 FORMATION BASIN (FRUITLAND COAL)
 OPERATOR EL PASO PRODUCTION CO
 SPUD DATE 09/20/90
 CMPL DATE 12/31/90
 1ST DLVRY 07/17/91
 GWI 100.00%
 NRI 87.50%

PRODUCTION TAXES:

		<u>GAS % OF REVENUE</u>
SEVERANCE	(NM)	3.75%
SCHOOL	(NM)	3.15%
AD VALOREM	(NM)	1.11%
CONSERVATION	(NM)	0.18%
PROD. EQUIP.	(NM)	0.24%
TOTAL		8.43%

WELL PRESSURE DATA:

Date: 01/15/91
 WHSIP: 1523 (PSIG)
 BHSIP: 1707 (PSIG)

WELL COST DATA:

TOTAL WELL COST: 380.0 (M\$)
 PAYOUT YEARS: 1.6

AVERAGE PRODUCT PRICING:

PRI/GAS 1993 - \$1.35 (MCF) PRICE TO LIFE
 PRI/GAS 1992 - \$1.22 (MCF)
 PRI/GAS 1991 - .81 (MCF)
 PRI/GAS 1990 - 1.16 (MCF)

**Based on an average heating value of 875 MMBTU/MCF.*

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

YEARS	ESTIMATED ANNUAL PRODUCTION			OPERATING EXPENSES		
	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1991	36.3	0.0	10.2	5.3	3.5	8.7
1992	553.8	0.0	53.8	10.6	18.3	28.9
1993	480.0	0.0	10.3	10.6	3.5	14.1

NOTE: Economics were run at a discount rate of 8.38%

*Base operating expenses were held flat @ \$881.00/Month.

Water disposal costs were also held flat @ \$.34/Bbl.

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Records printed: 22

FARMINGTON 1993 MONTHLY PRODUCTION FOR 5093A PHS030M1
 SAN JUAN 30-6 UNIT 491 MERIDIAN OIL INC FOR EL PASO
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

MO	T	S	DAYS	ON	PC	OIL	PROD	GRV	PC	PROD	ON	GAS	BTU	PRESS	WATER	PROD	C
1	2		31						01	24210	31	882	15.025			4462	0
2	2		28						01	26986	28	882	15.025			62	0
3	2		31						01	26168	31	882	15.025			5316	0
4	2		30						01	38699	30	879	15.025			1254	0
5	2	F	31						01	50518	31	879	15.025			1442	0
6																	
7																	
8																	
9																	
10																	
11																	
12																	

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 07/02/93

B MY JOB NUM LU #19

FARMINGTON ANNUAL PRODUCTION FOR 5093A PHS020M1
 SAN JUAN 30-6 UNIT 491 MERIDIAN OIL INC FOR EL PASO
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

PC	DATE	OIL	CUM	BBLs	PC	DATE	GAS	CUM	MCF	DATE	WATER	CUM	BBLs
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YEAR		OIL		OIL CUM		GAS		GAS CUM		WATER		WATER CUM	
1990													
1991						36258		36258		58840		58840	
1992						475280		511538		15297		74137	
1993						166581		678119		12536		86673	

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #19

MERIDIAN OIL
COMMERCIALITY DETERMINATION
BLM DATA SHEET

Printed: 01/22/93 12:28

FOR LEASE: SAN JUAN 30-6 UNIT # 487

WELL INFORMATION:

LOCATION 030N006W23N
COUNTY RIO ARriba
STATE NM
FORMATION BASIN (FRUITLAND COAL)
OPERATOR EL PASO PRODUCTION CO
SPUD DATE 12/03/90
CMPL DATE 01/21/91
1ST DLVRY 08/01/91
GWI 100.00%
NRI 87.50%

PRODUCTION TAXES:

		<u>GAS % OF REVENUE</u>
SEVERANCE	(NM)	3.75%
SCHOOL	(NM)	3.15%
AD VALOREM	(NM)	1.11%
CONSERVATION	(NM)	0.18%
PROD. EQUIP.	(NM)	0.24%
TOTAL		8.43%

WELL PRESSURE DATA:

Date: 02/05/91
WHSIP: 1360 (PSIG)
BHSIP: 1495 (PSIG)

WELL COST DATA:

TOTAL WELL COST: 380.0 (M\$)
PAYOUT YEARS: 4.8

AVERAGE PRODUCT PRICING:

PRI/GAS 1993 - \$1.35 (MCF) PRICE TO LIFE
PRI/GAS 1992 - \$1.22 (MCF)
PRI/GAS 1991 - .81 (MCF)
PRI/GAS 1990 - 1.16 (MCF)

**Based on an average heating value of 885 MMBTU/MCF.*

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

YEARS	ESTIMATED ANNUAL PRODUCTION			OPERATING EXPENSES		
	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1991	0.0	0.0	0.0	4.4	0.0	4.4
1992	0.0	0.0	0.0	10.6	0.0	10.6
1993	0.0	0.0	0.0	10.6	0.0	10.6
1994	0.0	0.0	0.0	10.6	0.0	10.6
1995	821.9	0.0	4.1	10.6	1.4	12.0

NOTE: Economics were run at a discount rate of 8.38%

*Base operating expenses were held flat @ \$881.00/Month.

Water disposal costs were also held flat @ \$.34/Bbl.

FARMINGTON 1993 MONTHLY PRODUCTION FOR 5414A PHS030M1
 SAN JUAN 30-6 UNIT 487 MERIDIAN OIL INC FOR EL PASO
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

DAYS =====			OIL =====		=====		GAS =====							
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2		31				01	258734	31	881	15.025		133	0
2	2		28				01	224722	28	872	15.025		84	0
3	2		31				01	252545	31	872	15.025		387	0
4	2		30				01	152323	30	872	15.025		337	0
5	2	F	31				01	200305	31	883	15.025		109	0
6														
7														
8														
9														
10														
11														
12														

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 07/02/93

B MY JOB NUM LU #19

FARMINGTON ANNUAL PRODUCTION FOR 5414A PHS020M1
 SAN JUAN 30-6 UNIT 487 MERIDIAN OIL INC FOR EL PASO
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

===== OIL CUM =====		===== GAS CUM =====		===== WATER CUM =====			
PC	DATE	BBLs	PC	DATE	MCF	DATE	BBLs
YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM	
1991			263577	263577	6691	6691	
1992			2009126	2272703	8066	14757	
1993			1088629	3361332	1050	15807	

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #19

MERIDIAN OIL
COMMERCIALITY DETERMINATION
BLM DATA SHEET

Printed: 01/22/93 12:28

FOR LEASE: SAN JUAN 30-6 UNIT # 488

WELL INFORMATION:

LOCATION 030N006W24E
COUNTY RIO ARriba
STATE NM
FORMATION BASIN (FRUITLAND COAL)
OPERATOR EL PASO PRODUCTION CO
SPUD DATE 09/30/90
CMPL DATE 01/27/91
1ST DLVRY 01/08/92
GWI 100.00%
NRI 87.50%

PRODUCTION TAXES:

		<u>GAS % OF REVENUE</u>
SEVERANCE	(NM)	3.75%
SCHOOL	(NM)	3.15%
AD VALOREM	(NM)	1.11%
CONSERVATION	(NM)	0.18%
PROD. EQUIP.	(NM)	0.24%
TOTAL		<u>8.43%</u>

WELL PRESSURE DATA:

Date: 02/14/91
WHSIP: 1425 (PSIG)
BHSIP: 1626 (PSIG)

WELL COST DATA:

TOTAL WELL COST: 380.0 (M\$)
PAYOUT YEARS: 2.0

AVERAGE PRODUCT PRICING:

PRI/GAS 1993 - \$1.35 (MCF) PRICE TO LIFE
PRI/GAS 1992 - \$1.22 (MCF)
PRI/GAS 1991 - .81 (MCF)
PRI/GAS 1990 - 1.16 (MCF)

*Based on an average heating value of 880 MMBTU/MCF.

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

YEARS	ESTIMATED ANNUAL PRODUCTION			OPERATING EXPENSES		
	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1991	0.0	0.0	0.0	0.0	0.0	0.0
1992	452.0	0.0	4.7	10.6	1.6	12.2
1993	537.1	0.0	4.2	10.6	1.4	12.0

NOTE: Economics were run at a discount rate of 8.38%

*Base operating expenses were held flat @ \$881.00/Month.

Water disposal costs were also held flat @ \$.34/Bbl.

FARMINGTON 1993 MONTHLY PRODUCTION FOR 5125A PHS030M1
 SAN JUAN 30-6 UNIT 488 MERIDIAN OIL INC
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

DAYS =====			OIL =====			GAS =====								
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2		31				01		31		15.025		10	0
2	2		28				01		28		15.025		7	0
3	2		31				01		31		15.025		30	0
4	2		30				01	2003	30	896	15.025		58	0
5	2	F	31				01	4254	31	896	15.025		3	0
6														
7														
8														
9														
10														
11														
12														

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 07/02/93

B MY JOB NUM LU #19

FARMINGTON ANNUAL PRODUCTION FOR 5125A PHS020M1
 SAN JUAN 30-6 UNIT 488 MERIDIAN OIL INC
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE
 ===== OIL CUM ===== ===== GAS CUM ===== ===== WATER CUM =====
 PC DATE BBLs PC DATE MCF DATE BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1991						
1992			366563	366563	3630	3630
1993			6257	372820	108	3738

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #19

MERIDIAN OIL
 COMMERCIALITY DETERMINATION
 BLM DATA SHEET

Printed: 01/22/93 12:28

FOR LEASE: SAN JUAN 30-6 UNIT # 489

WELL INFORMATION:

LOCATION 030N006W24K
 COUNTY RIO ARriba
 STATE NM
 FORMATION BASIN (FRUITLAND COAL)
 OPERATOR EL PASO PRODUCTION CO
 SPUD DATE 10/04/90
 CMPL DATE 01/14/91
 1ST DLVRY 08/15/91
 GWI 100.00%
 NRI 87.50%

PRODUCTION TAXES:

		<u>GAS % OF REVENUE</u>
SEVERANCE	(NM)	3.75%
SCHOOL	(NM)	3.15%
AD VALOREM	(NM)	1.11%
CONSERVATION	(NM)	0.18%
PROD. EQUIP.	(NM)	0.24%
TOTAL		<u>8.43%</u>

WELL PRESSURE DATA:

Date: 01/30/91
 WHSIP: 1443 (PSIG)
 BHSIP: 1608 (PSIG)

WELL COST DATA:

TOTAL WELL COST: 380.0 (M\$)
 PAYOUT YEARS: 0.4

AVERAGE PRODUCT PRICING:

PRI/GAS 1993 - \$1.35 (MCF) PRICE TO LIFE
 PRI/GAS 1992 - \$1.22 (MCF)
 PRI/GAS 1991 - .81 (MCF)
 PRI/GAS 1990 - 1.16 (MCF)

**Based on an average heating value of 880 MMBTU/MCF.*

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

YEARS	ESTIMATED ANNUAL PRODUCTION			OPERATING EXPENSES		
	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1991	623.9	0.0	24.3	4.4	8.3	12.7
1992	1852.7	0.0	31.2	10.6	10.6	21.2
1993	927.6	0.0	4.5	10.6	1.5	12.1

NOTE: Economics were run at a discount rate of 8.38%

*Base operating expenses were held flat @ \$881.00/Month.

Water disposal costs were also held flat @ \$.34/Bbl.

FARMINGTON 1993 MONTHLY PRODUCTION FOR 5149A PHS030M1
 SAN JUAN 30-6 UNIT 489 MERIDIAN OIL INC
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

MO	T	S	DAYS	ON	PC	OIL	PROD	GRV	PC	PROD	GAS	ON	BTU	PRESS	WATER	PROD	C
1	2		31						01	86085	31	886	15.025			685	0
2	2		28						01	26018	28	904	15.025			483	0
3	2		31						01	106384	31	904	15.025			1000	0
4	2		30						01	80438	30	904	15.025			621	0
5	2	F	31						01	106699	31	881	15.025			257	0
6																	
7																	
8																	
9																	
10																	
11																	
12																	

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 07/02/93

B MY JOB NUM LU #19

FARMINGTON ANNUAL PRODUCTION FOR 5149A PHS020M1
 SAN JUAN 30-6 UNIT 489 MERIDIAN OIL INC
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

PC	DATE	OIL	BBLs	PC	DATE	GAS	MCF	PC	DATE	WATER	BBLs
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YEAR		OIL	OIL CUM	GAS		GAS CUM		WATER		WATER CUM	
1990											
1991				237441		237441		21857		21857	
1992				933417		1170858		19516		41373	
1993				405624		1576482		3046		44419	

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #19

MERIDIAN OIL
 COMMERCIALITY DETERMINATION
 BLM DATA SHEET

Printed: 01/22/93 12:28

FOR LEASE: SAN JUAN 30-6 UNIT # 490

WELL INFORMATION:

LOCATION 030N006W25G
 COUNTY RIO ARriba
 STATE NM
 FORMATION BASIN (FRUITLAND COAL)
 OPERATOR MERIDIAN OIL INC
 SPUD DATE 09/24/90
 CMPL DATE 01/07/91
 1ST DLVRY 07/17/91
 GWI 100.00%
 NRI 87.50%

PRODUCTION TAXES:

		<u>GAS % OF REVENUE</u>
SEVERANCE	(NM)	3.75%
SCHOOL	(NM)	3.15%
AD VALOREM	(NM)	1.11%
CONSERVATION	(NM)	0.18%
PROD. EQUIP.	(NM)	0.24%
TOTAL		8.43%

WELL PRESSURE DATA:

Date: 01/22/91
 WHSIP: 1457 (PSIG)
 BHSIP: 1677 (PSIG)

WELL COST DATA:

TOTAL WELL COST: 380.0 (M\$)
 PAYOUT YEARS: 1.1

AVERAGE PRODUCT PRICING:

PRI/GAS 1993 - \$1.35 (MCF) PRICE TO LIFE
 PRI/GAS 1992 - \$1.22 (MCF)
 PRI/GAS 1991 - .81 (MCF)
 PRI/GAS 1990 - 1.16 (MCF)

**Based on an average heating value of 884 MMBTU/MCF.*

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

YEARS	ESTIMATED ANNUAL PRODUCTION			OPERATING EXPENSES		
	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1991	144.4	0.0	12.5	5.3	4.2	9.5
1992	1185.2	0.0	65.7	10.6	22.3	32.9
1993	1080.0	0.0	32.7	10.6	11.1	21.7

NOTE: Economics were run at a discount rate of 8.38%

**Base operating expenses were held flat @ \$881.00/Month.*

Water disposal costs were also held flat @ \$.34/Bbl.

FARMINGTON 1993 MONTHLY PRODUCTION FOR 5108A PHS030M1
 SAN JUAN 30-6 UNIT 490 MERIDIAN OIL INC
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

DAYS =====			OIL =====			GAS =====								
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2		31				01	108791	31	920	15.025		260	0
2	2		10				01	29412	10	920	15.025		89	0
3	2		31				01	22154	31	920	15.025		237	0
4	2		30				01	59859	30	879	15.025		434	0
5	2	F	31				01	78185	31	879	15.025		42	0
6														
7														
8														
9														
10														
11														
12														

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 07/02/93

B MY JOB NUM LU #19

FARMINGTON ANNUAL PRODUCTION FOR 5108A PHS020M1
 SAN JUAN 30-6 UNIT 490 MERIDIAN OIL INC
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

===== OIL CUM =====			===== GAS CUM =====			===== WATER CUM =====		
PC	DATE	BBLs	PC	DATE	MCF	DATE	BBLs	
=====								
YEAR		OIL		OIL CUM		GAS		GAS CUM
1990								
1991						144438		144438
1992						1163102		1307540
1993						298401		1605941
								29378
								31917
								1062
								29378
								61295
								62357

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #19

MERIDIAN OIL
COMMERCIALITY DETERMINATION
ECLM DATA SHEET

Printed: 04/02/93 10:45

FOR LEASE: SAN JUAN 30-6 UNIT # 497

WELL INFORMATION:

LOCATION 030N007W29M
COUNTY RIO ARriba
STATE NM
FORMATION BASIN (FRUITLAND COAL)
OPERATOR EL PASO PRODUCTION CO
SPUD DATE 10/14/90
CMPL DATE 06/05/91
1ST DLVRY 12/03/91
GWI 100.00%
NRI 87.50%

PRODUCTION TAXES:

		GAS % OF REVENUE
SEVERANCE	(NM)	3.75%
SCHOOL	(NM)	3.15%
AD VALOREM	(NM)	1.11%
CONSERVATION	(NM)	0.18%
PROD. EQUIP.	(NM)	0.24%
TOTAL		8.43%

WELL PRESSURE DATA:

Date: 06/25/91
WHSIP: 747 (PSIG)
BHSIP: 804 (PSIG)

WELL COST DATA:

TOTAL WELL COST: 380.0 (M\$)
PAYOUT YEARS: 2.0

AVERAGE PRODUCT PRICING:

PRI/GAS 1993 - \$1.35 (MCF) PRICE TO LIFE
PRI/GAS 1992 - \$1.22 (MCF)
PRI/GAS 1991 - \$.81 (MCF)
PRI/GAS 1990 - \$1.16 (MCF)

**Based on an average heating value of 1100 MMBTU/MCF.*

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

YEARS	ESTIMATED ANNUAL PRODUCTION			OPERATING EXPENSES		
	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1991	38.9	0.0	0.4	0.3	0.1	0.5
1992	335.7	0.0	3.0	4.0	1.0	5.1
1993	336.0	0.0	2.5	4.0	0.8	4.9

NOTE: Economics were run at a discount rate of 7.50%

*Base operating expenses were held flat @ \$336.00/Month.

Water disposal costs were also held flat @ \$.34/Bbl.

K:\ARIES\COMX\MA

Records printed: 23

FARMINGTON 1993 MONTHLY PRODUCTION FOR 5186A PHS030M1
 SAN JUAN 30-6 UNIT 497 MERIDIAN OIL INC FOR EL PASO
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

DAYS =====			OIL =====			GAS =====								
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2		31				01	20731	31	1096	15.025			0
2	2		28				01	24942	28	1087	15.025			0
3	2		29				01	24595	29	1087	15.025		1	0
4	2		29				01	25359	29	1102	15.025			0
5	2	F	31				01	27275	31	1102	15.025			0
6														
7														
8														
9														
10														
11														
12														

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 07/02/93

B MY JOB NUM LU #19

FARMINGTON ANNUAL PRODUCTION FOR 5186A PHS020M1
 SAN JUAN 30-6 UNIT 497 MERIDIAN OIL INC FOR EL PASO
 BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

===== OIL CUM ===== GAS CUM ===== WATER CUM =====
 PC DATE BBLs PC DATE MCF DATE BBLs

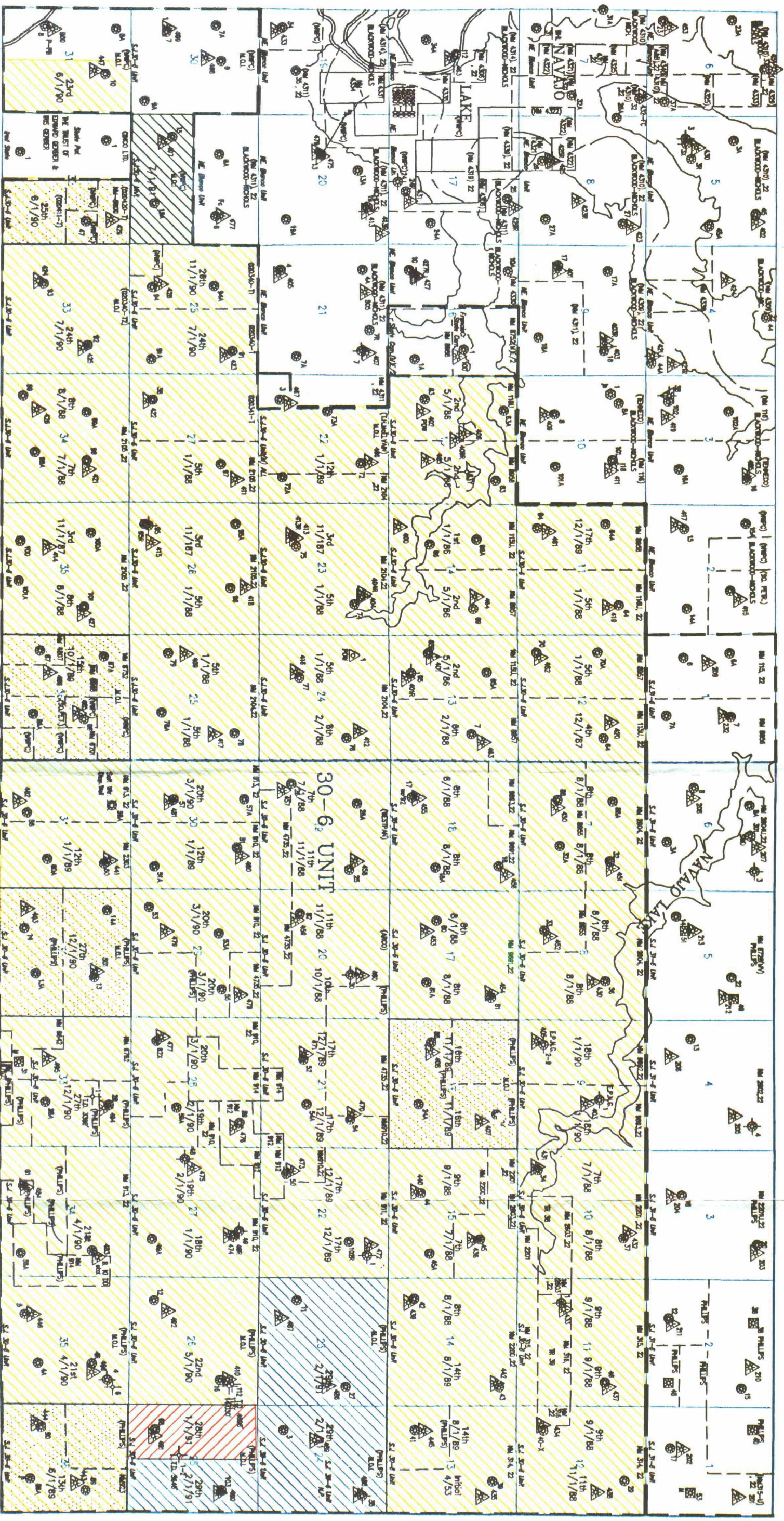
YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1991			38908	38908		
1992			335650	374558		
1993			122902	497460	1	1

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #19

R7W

R6W



T 30 N

SAN JUAN 30-6 UNIT

MERIDIAN OIL

LAND DEPARTMENT

JULY 7, 1993

MERIDIAN OIL

March 26, 1993

NEW MEXICO OIL DIVISION
P.O. Box 4289
Farmington, NM 87499-4289
103 APR 1 1993

Bureau of Land Management
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87504-1148

New Mexico Oil Conservation Division
Energy & Minerals Department
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARRIBA COUNTY, NEW MEXICO
FRUITLAND PARTICIPATING AREA
27TH EXPANSION-EFFECTIVE 12-1-90**

Gentlemen:

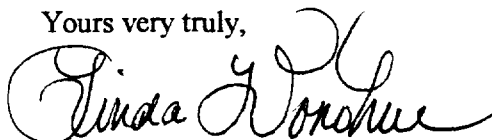
The Bureau of Land Management has recently advised Meridian of the Fruitland Participating Area approvals for the 24th to 27th expansions.

We have been made aware that the 27th expansion schedule inadvertently transposed the ownership for Phillips and Williams in Tracts 14, 14A & 17. Please find enclosed for your files a corrected 27th expansion schedule.

We apologize for any inconvenience that this may cause.

If there are any questions regarding this matter, please call me at (505) 326-9760.

Yours very truly,



Linda Donohue
Senior Landman

LD/pr
ldmar.11
SJ 30-6, 4.5

RUN DATE 03/26/93
RUN TIME 17:02:46

MERIDIAN OIL INC
SCHEDULE XXVIII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078741	30N 6W	640.00	TRACT: 001		0.500000	0.500000	2.308340
	SEC. 26 ALL		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 15.660000 71.340000	12.500000 15.660000 71.340000	
			TOTAL		100.000000	100.000000	
NM-012573	30N 7W	960.00	TRACT: 002		3.500000	3.500000	3.462510
	SEC. 14 W/2 SEC. 13 W/2 SEC. 12 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		12.500000 39.229058 44.770942	12.500000 39.229058 44.770942	
			TOTAL		100.000000	100.000000	
NM-012293	30N 7W	960.00	TRACT: 003		20.000000	20.000000	3.462510
	SEC. 14 E/2 SEC. 12 W/2 SEC. 13 E/2		ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY		12.500000 33.750000 33.750000	12.500000 33.750000 33.750000	
			TOTAL		100.000000	100.000000	
NM-012694	30N 7W	640.00	TRACT: 004		20.000000	20.000000	2.308340
	SEC. 15 E/2 SEC. 11 W/2		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC		12.500000 33.750000 33.750000	12.500000 33.750000 33.750000	
			TOTAL		100.000000	100.000000	
NM-012710	30N 7W	640.00	TRACT: 005		3.500000	3.500000	2.308340
	SEC. 15 W/2 SEC. 11 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		12.500000 39.229058 44.770942	12.500000 39.229058 44.770942	
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:02:52

THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079002	30N 6W	800.00		TRACT: 006	15.312500	15.312500	2.885425
	SEC. 7 N/2		ROYALTY:		12.500000	12.500000	
	SEC. 8 N/2, SE/4		WORKING INTEREST:				
			WILLIAM G WEBB		1.715957	1.715957	
			FRANK D GORHAM JR		12.033699	12.033699	
			EL PASO PRODUCTION CO		14.448203	14.448203	
			EL PASO PRODUCTION CO		13.750688	13.750688	
			ST JOHN INSTITUTIONAL INVEST		16.489297	16.489297	
			PRUDENTIAL BACHE ENERGY IIP-		0.316242	0.316242	
			PRUDENTIAL BACHE ENERGY IIP-		0.261244	0.261244	
			PRUDENTIAL BACHE ENERGY IIP-		0.756231	0.756231	
			PRUDENTIAL BACHE ENERGY IIP-		0.934977	0.934977	
			PRUDENTIAL BACHE ENERGY IIP-		1.484963	1.484963	
			PRUDENTIAL BACHE ENERGY IIP-		1.292467	1.292467	
			PRUDENTIAL BACHE ENERGY IIP-		3.767406	3.767406	
			PRUDENTIAL BACHE ENERGY IIP-		4.152396	4.152396	
			PRUDENTIAL BACHE ENERGY PROD		0.783730	0.783730	
			TOTAL		100.000000	100.000000	1.298441
NM 012709	30N 7W	360.00		TRACT: 007	5.000000	5.000000	
	SEC. 31 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 28 SW/4 SW/4		WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008	12.500000	12.500000	1.154170
	SEC. 22 W/2 E/2, E/2		ROYALTY:		87.500000	87.500000	
	W/2		WORKING INTEREST:				
			T H MCELVAIN OIL AND		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
SF-079074	30N 7W	320.00		TRACT: 008A	2.500000	2.500000	1.154170
	SFC. 27 W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			SOUTHLAND ROYALTY CO		41.250000	41.250000	
			T H MCELVAIN OIL AND		43.750000	43.750000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:02:52

MERIDIAN OIL INC
SCHEDULE XXVIII
PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
SF 079382	30N 7W	2,080.00		TRACT: 009			7.502105
SEC. 23	ALL		ROYALTY:		11.875000	11.875000	
SEC. 24	ALL		WORKING INTEREST:		12.500000	12.500000	
SEC. 25	ALL		WILLIAM G WEBB		1.143971	1.143971	
SEC. 22	E/2 E/2		FRANK D GORHAM JR		8.022466	8.022466	
			EL PASO PRODUCTION CO		16.053560	16.053560	
			EL PASO PRODUCTION CO		9.167125	9.167125	
			ST JOHN INSTITUTIONAL INVEST		18.321441	18.321441	
			PRUDENTIAL BACHE ENERGY IIP-		0.210828	0.210828	
			PRUDENTIAL BACHE ENERGY IIP-		0.174162	0.174162	
			PRUDENTIAL BACHE ENERGY IIP-		0.504154	0.504154	
			PRUDENTIAL BACHE ENERGY IIP-		0.623318	0.623318	
			PRUDENTIAL BACHE ENERGY IIP-		0.989975	0.989975	
			PRUDENTIAL BACHE ENERGY IIP-		0.861645	0.861645	
			PRUDENTIAL BACHE ENERGY IVP-		2.511604	2.511604	
			PRUDENTIAL BACHE ENERGY IVP-		2.768264	2.768264	
			PRUDENTIAL BACHE ENERGY PROD		0.522487	0.522487	
			JAMES M RAYMOND		5.729166	5.729166	
			MAYDELL MILLER MAST TRUST		0.572917	0.572917	
			CORINNE MILLER GAY TRUST		0.572917	0.572917	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			TOTAL		100.000000	100.000000	
SF-079383	30N 7W	2,240.00		TRACT: 010			8.079190
SEC. 26	ALL		ROYALTY:		11.875000	11.875000	
SEC. 35	ALL		WORKING INTEREST:		12.500000	12.500000	
SEC. 27	E/2		WILLIAM G WEBB		1.143971	1.143971	
SEC. 34	ALL		FRANK D GORHAM JR		8.022466	8.022466	
			EL PASO PRODUCTION CO		16.053560	16.053560	
			EL PASO PRODUCTION CO		9.167125	9.167125	
			ST JOHN INSTITUTIONAL INVEST		18.321441	18.321441	
			PRUDENTIAL BACHE ENERGY IIP-		0.210828	0.210828	
			PRUDENTIAL BACHE ENERGY IIP-		0.174162	0.174162	
			PRUDENTIAL BACHE ENERGY IIP-		0.504154	0.504154	
			PRUDENTIAL BACHE ENERGY IIP-		0.623318	0.623318	
			PRUDENTIAL BACHE ENERGY IIP-		0.989975	0.989975	
			PRUDENTIAL BACHE ENERGY IIP-		0.861645	0.861645	
			PRUDENTIAL BACHE ENERGY IVP-		2.511604	2.511604	
			PRUDENTIAL BACHE ENERGY IVP-		2.768264	2.768264	
			PRUDENTIAL BACHE ENERGY PROD		0.522487	0.522487	
			JAMES M RAYMOND		5.729166	5.729166	
			MAYDELL MILLER MAST TRUST		0.572917	0.572917	
			CORINNE MILLER GAY TRUST		0.572917	0.572917	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:02:52

MERIDIAN OIL, INC.
SCHEDULE XXVIII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
T H MCCLAVIN OIL AND							
					6.875000	6.875000	
					100.000000	100.000000	
SF 080180-A	30N 6W	320.00		TRACT: 011			1.154170
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		25.625000 12.500000 28.896405 32.978595	25.625000 12.500000 28.896405 32.978595	
			TOTAL		100.000000	100.000000	
SF 080711-A	30N 6W	520.00		TRACT: 012			1.875526
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	
							3.334578
SF 080711-A	30N. 6W	924.53		TRACT: 013			
	SEC. 30 W/2 SEC. 34 LOTS 182, W/2 NE, NW/4 SEC. 31 W/2		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST AMOCO PRODUCTION COMPANY CONOCO INC		16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPI.
MOPI & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:02:54

MERIDIAN OIL INC
SCHEDULE XXVII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 5
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711-B	30N 6W	145.83	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 014	2.204000 12.500000 15.353280 69.942720	2.204000 12.500000 15.353280 69.942720	0.525977
	SEC. 34 LOTS 3,5,6, SE /SW						
	SEC. 33 LOTS 1 & 2						
	TOTAL				100.000000	100.000000	0.346504
SF-080711-B	30N 6W	96.07	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 014A	2.204000 12.500000 15.353280 69.942720	2.204000 12.500000 15.353280 69.942720	1.586984
	SEC. 33 LOTS 3 & 4, NW/SW						
	TOTAL				100.000000	100.000000	6.733500
SF-080712	30N 6W	440.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 015	3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	SFC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE						
	TOTAL				100.000000	100.000000	
SF-080712-A	30N 6W	1,866.90	ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST AMOCO PRODUCTION COMPANY CONOCO INC	TRACT: 016	16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	
	SEC. 30 F/2 SEC. 21 LOTS 1-3, E/2 NE, N/2 S/2, SW/SW SEC. 22 LOT 2, NW/SW SEC. 27 LOTS 1-3, E/2, SE/NW, SW/4 SEC. 28 LOT 2-5, NW/NW SEC. 29 S/2 NE, W/2						
	TOTAL				100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:02:56

MERIDIAN OIL INC
SCHEDULE XXVIII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080712-B	30N 6W	114.23		TRACT: 017	2.204000	2.204000	0.412003
	SEC. 28 LOT 6, E/2 SE		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000 15.353280 69.942720	12.500000 15.353280 69.942720	
			TOTAL		100.000000	100.000000	
SF-080713	30N 6W	912.88		TRACT: 018	3.500000	3.500000	3.292559
	SEC. 13 LOTS 1 - 4, W/2 E/2, NW/4 SEC. 12 LOTS 1-6, NW/4, E/2 SW, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES		12.500000 4.340882 27.206342 19.497776 32.955000	12.500000 4.340882 27.206342 19.497776 32.955000	
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF 080713-A	30N 6W	543.79	TRACT: 019	16.916666	16.916666	1.961332
	SEC. 22 LOT 1, N/2, SE/4, NE/SW		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST CONOCO INC AMOCO PRODUCTION COMPANY	12.500000 14.282803 16.300531 27.500000 12.500000	12.500000 14.282803 16.300531 27.500000 12.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi & ST JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:02:58

THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713-B	30N 6W	1.040.00		TRACT: 020	15.312500	15.312500	3.751053
	SEC. 15 S/2, S/2 NW/4		ROYALTY:		12.500000	12.500000	
	SEC. 14 ALL		WORKING INTEREST:		1.715957	1.715957	
			WILLIAM G WEBB		12.033699	12.033699	
			FRANK D GORHAM JR		14.448203	14.448203	
			EL PASO PRODUCTION CO		13.750688	13.750688	
			EL PASO PRODUCTION CO		16.489297	16.489297	
			ST JOHN INSTITUTIONAL INVEST		0.316242	0.316242	
			PRUDENTIAL BACHE ENERGY IIP-		0.261244	0.261244	
			PRUDENTIAL BACHE ENERGY IIP-		0.756231	0.756231	
			PRUDENTIAL BACHE ENERGY IIP-		0.934977	0.934977	
			PRUDENTIAL BACHE ENERGY IIP-		1.484963	1.484963	
			PRUDENTIAL BACHE ENERGY IIP-		1.292467	1.292467	
			PRUDENTIAL BACHE ENERGY IIP-		3.767406	3.767406	
			PRUDENTIAL BACHE ENERGY IVP-		4.152396	4.152396	
			PRUDENTIAL BACHE ENERGY PROD		0.783730	0.783730	
			TOTAL		100.000000	100.000000	1.731976
SF-080714	30N 6W	480.20		TRACT: 021	3.500000	3.500000	
	SEC. 11 LOTS 1-8, N/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		4.340882	4.340882	
			MERIDIAN OIL PRODUCTION INC		27.206342	27.206342	
			ST JOHN INSTITUTIONAL INVEST		19.497776	19.497776	
			EL PASO PRODUCTION CO		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES				
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022	15.312500	15.312500	2.678576
	SEC. 10	LOTS 1-5, N/2, W/2 SW/4	ROYALTY: WORKING INTEREST: WILLIAM G WEBB FRANK D GORHAM JR EL PASO PRODUCTION CO EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		12.500000	12.500000	
	SEC. 15	LOTS 1,2, NE/NE, S/2 NE, NW/NW			1.715957	1.715957	
					12.033699	12.033699	
					14.448203	14.448203	
					13.750688	13.750688	
					16.489297	16.489297	
					0.316242	0.316242	
					0.261244	0.261244	
					0.756231	0.756231	
					0.934977	0.934977	
					1.484963	1.484963	
					1.292467	1.292467	
					3.767406	3.767406	
					4.152396	4.152396	
					0.783730	0.783730	
					100.000000	100.000000	
							1.009899
NM-02151-A	30N. 7W	280.00		TRACT: 023	5.000000	5.000000	
	SEC. 28	NW/4, N/2 SW, SE/SW	ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO		12.500000	12.500000	
					82.500000	82.500000	
					100.000000	100.000000	
							1.154170
NM-02151	30N 7W	320.00		TRACT: 023A	5.000000	5.000000	
	SEC. 28	E/2	ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO T H MCELVAIN OIL AND		12.500000	12.500000	
					41.250000	41.250000	
					41.250000	41.250000	
					100.000000	100.000000	
							2.308340
NM-02151-B	30N 7W	640.00		TRACT: 023B	5.000000	5.000000	
	SEC. 33	ALL	ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO		12.500000	12.500000	
					82.500000	82.500000	
					100.000000	100.000000	
							2.308340

RUN DATE 03/26/93
RUN TIME 17:02:59

THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03384	30N 6W	400.00		TRACT: 024			1.442713
	SEC. 18 N/2 NW/4		ORRI:		5.000000	5.000000	
	SEC. 9 W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	
NM-03385	30N 6W	1,200.00		TRACT: 025			4.328138
	SEC. 17 ALL		ORRI:		3.000000	3.000000	
	SEC. 18 E/2, SW/4, S/2 NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			ARCO				
			TOTAL		100.000000	100.000000	
NM-03403	30N 6W	480.00		TRACT: 026			1.731255
	SEC. 7 S/2		ORRI:		3.000000	3.000000	
	SEC. 8 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			ARCO				
			TOTAL		100.000000	100.000000	
NM-03416	30N 6W	320.00		TRACT: 027			1.154170
	SEC. 9 E/2		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:03:00

MERIDIAN OIL INC
SCHEDULE XXVIII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-04052	30N 6W	170.32		TRACT: 028			0.614307
	SEC. 21		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST AMOCO PRODUCTION COMPANY CONOCO INC		16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	16.916666 12.500000 14.282803 16.300531 12.500000 27.500000	
	SEC. 22						
	SEC. 27						
	SEC. 28						
	IN NE/4, LOT 1						
	TOTAL				100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

NM 04139	30N 6W	599.52		TRACT: 029			2.162338
	SEC. 35		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.500000 12.500000 14.760000 67.240000	5.500000 12.500000 14.760000 67.240000	
			TOTAL		100.000000	100.000000	
NM 010444	30N 6W	160.00		TRACT: 030			0.577085
	SEC. 33		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:03:01

THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-06283	30N 6W	160.00		TRACT: 031			0.577085
	SEC. 12 A PORTION OF TR 39		ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
	SEC. 11 A PORTION OF TR 39		WORKING INTEREST:		4.340882	4.340882	
			MERIDIAN OIL PRODUCTION INC		27.206342	27.206342	
			ST JOHN INSTITUTIONAL INVEST		19.497776	19.497776	
			EL PASO PRODUCTION CO		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES				
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

NM 013886	30N 6W	14.47	TRACT: 032				0.052190
	SEC. 33 TRACT 44IN W/2		ORRI:		12.500000	12.500000	
			ROYALTY:		21.875000	21.875000	
			WORKING INTEREST:		2.430575	2.430575	
			EMIL MOSBACHER JR		2.430575	2.430575	
			R BRUCE MOSBACHER		2.430575	2.430575	
			JOHN DAVID MOSBACHER		50.130150	50.130150	
			MOSBACHER USA INC		8.203125	8.203125	
			JANE P MOSBACHER EST TRUST				
			TOTAL		100.000000	100.000000	

F-289-3	30N 7W	80.00	TRACT: 034				0.288543
	SEC. 36 W/2 SE/4		ORRI:		12.500000	12.500000	
			ROYALTY:		87.500000	87.500000	
			WORKING INTEREST:				
			THE WISER OIL COMPANY				
			TOTAL		100.000000	100.000000	

E-289-52	30N 7W	120.00	TRACT: 035				0.432814
	SEC. 36 SE/SE, N/2 NE		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E 289-50	30N 7W	40.00		TRACT: 036			0.144271
	SEC. 36 NE/4 SE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	
	TOTAL						
F-347-43	30N 6W	160.00		TRACT: 037			0.577085
	SEC. 36 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	
	TOTAL						
F-347-44	30N 6W	480.00		TRACT: 038			1.731255
	SEC. 16 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	
	TOTAL						
F-347-20	30N 6W	390.24		TRACT: 039			1.407510
	SEC. 36 LOTS 1 - 4, SW/4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST		21.875000 12.500000 30.647702 34.977298 100.000000	21.875000 12.500000 30.647702 34.977298 100.000000	
	TOTAL						
E-347-48	30N 6W	160.00		TRACT: 040			0.577085
	SEC. 16 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		5.000000 12.500000 82.500000 100.000000	5.000000 12.500000 82.500000 100.000000	
	TOTAL						

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:03:01

THE 027 EXPANDED
PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-47	30N 6W	640.00	TRACT: 041				2.308340
	SEC. 16 S/2		ORRI:		5.000000	5.000000	
	SEC. 32 S/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	
E-1214-12	30N 7W	80.00	TRACT: 042				0.288543
	SEC. 32 N/2 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		82.500000	82.500000	
			SOUTHLAND ROYALTY CO				
			TOTAL		100.000000	100.000000	
F-1264-12	30N 7W	40.00	TRACT: 043				0.144271
	SEC. 36 SE/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	
E-3707-15	30N 7W	40.00	TRACT: 044				0.144271
	SEC. 32 SE/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	
E-3707-14	30N 7W	40.00	TRACT: 045				0.144271
	SEC. 32 SW/4 NE/4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5111-6	30N 7W SEC. 36 W/2 SW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST CONOCO INC	TRACT: 046	7.500000 12.500000 22.416605 25.583395 32.000000	7.500000 12.500000 22.416605 25.583395 32.000000	0.288543
	TOTAL				100.000000	100.000000	
REMARKS: GLA-204							
F-5167-2	30N 7W SEC. 36 N/2 NW, SW/NW	120.00	ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST W P CARR	TRACT: 047	12.500000 23.496572 26.815928 37.187500	12.500000 23.496572 26.815928 37.187500	0.432814
	TOTAL				100.000000	100.000000	
B-10037-59	30N 7W SEC. 32 SE/4	160.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO	TRACT: 048	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.577085
	TOTAL				100.000000	100.000000	
B-10603-46	30N 7W SEC. 36 SW/4 NE/4	40.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 049	6.000000 12.500000 14.670000 66.830000	6.000000 12.500000 14.670000 66.830000	0.144271
	TOTAL				100.000000	100.000000	

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10603-43	30N 7W	120.00		TRACT: 050	5.000000	5.000000	0.432814
	SEC. 36 SE/NW, E/2 SW		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC ST JOHN INSTITUTIONAL INVEST PAUL H UMBACH ESTATE AMOCO PRODUCTION COMPANY MOORE LOYAL TRUST MIZEL RESOURCES		12.500000	12.500000	
			TOTAL		100.000000	100.000000	
J.C. GOMEZ	30N 6W	949.95		TRACT: 051	4.000000	4.000000	3.426262
	SEC. 29 SE/4 SEC. 35 PART OF TR. 47 IN W/2 W/2 SEC. 34 LOT 4, PART OF TR. 47 IN SE/4 SEC. 34 N/2 SW, SW/SW SEC. 33 N/2 NE, NW/4, NE/SW, TR. 45SE, SE/SW SEC. 28 LOTS 7 & 8, S/2 SW, SW/SE, SEC. 28 PART OF TR#42 IN S/2		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000	12.500000	
			TOTAL		100.000000	100.000000	
J.C. GOMEZ	30N 6W	159.51		TRACT: 052	15.312500	15.312500	0.575318
	SEC. 10 A PORTION OF TR 38 SEC. 11 A PORTION OF TR 38 SEC. 15 A PORTION OF TR 38		ORRI: ROYALTY: WORKING INTEREST: WILLIAM G WEBB FRANK D GORHAM JR MERIDIAN OIL PRODUCTION INC EL PASO PRODUCTION CO ST JOHN INSTITUTIONAL INVEST PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP-		12.500000	12.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:03:04

MERIDIAN OIL INC
SCHEDULE XXVIII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
PRUDENTIAL BACHE ENERGY IVP-							
PRUDENTIAL BACHE ENERGY PROD							
					4.152500	4.152500	
					0.783750	0.783750	
TOTAL					100.000000	100.000000	
PEDRO J. GARCI 30N 6W							
							0.577085
SEC. 13	SW/4	160.00	ORRI:	TRACT: 053	12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		87.500000	87.500000	
			WILLIAMS PRODUCTION COMPANY				
TOTAL					100.000000	100.000000	
J.F. GOMEZ 30N 6W							
							0.577085
SEC. 19	S/2 SE, SE/SW	160.00	ORRI:	TRACT: 054	5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		25.685693	25.685693	
			EL PASO PRODUCTION CO		29.314307	29.314307	
			ST JOHN INSTITUTIONAL INVEST		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON				
TOTAL					100.000000	100.000000	
J.F. GOMEZ 30N 6W							
							0.577085
SEC. 20	SW/SE, SE/SW	160.00	ORRI:	TRACT: 055	5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		25.685693	25.685693	
			EL PASO PRODUCTION CO		29.314307	29.314307	
			ST JOHN INSTITUTIONAL INVEST		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON				
TOTAL					100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:03:06

MERIDIAN OIL INC
SCHEDULE XXVIII
THE 027 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J. F. GOMEZ	30N 6W	174.46		TRACT: 056			0.629239
	SEC. 21		ORRI:		16.916666	16.916666	
			ROYALTY:		12.500000	12.500000	
	SEC. 28		WORKING INTEREST:		14.282803	14.282803	
			MERIDIAN OIL PRODUCTION INC		16.300531	16.300531	
	SEC. 34		ST JOHN INSTITUTIONAL INVEST		12.500000	12.500000	
			AMOCO PRODUCTION COMPANY		27.500000	27.500000	
			CONOCO INC				
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi & ST. JOHN'S BEAR .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

A. GOMEZ	30N 6W	80.00	TRACT: 057				0.288543
	SEC. 20		ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
A. GOMEZ	30N 6W	240.00	TRACT: 057A				0.865628
	SEC. 21		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		25.685693	25.685693	
			EL PASO PRODUCTION CO		29.314307	29.314307	
			ST JOHN INSTITUTIONAL INVEST		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON				
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/12/01

RUN DATE 03/26/93
RUN TIME 17:03:09

MERIDIAN OIL INC
SCHEDULE XXVII
R E C A P I T U L A T I O N

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DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:	DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:
TOWNSHIP 30N	RANGE 6W
SECTION 10 : LOTS 1-5, N/2,	W/2 SW/4
SECTION 10 : A PORTION OF	TR 38
SECTION 11 : A PORTION OF	TR 38
SECTION 11 : LOTS 1-8, N/2	
SECTION 11 : A PORTION OF	TR 39
SECTION 12 : A PORTION OF	TR 39
SECTION 12 : LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13 : LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 13 : SW/4	
SECTION 14 : ALL	
SECTION 15 : S/2, S/2 NW/4	S/2 NE, NW/NW
SECTION 15 : LOTS 1, 2, NE/NE,	TR 38
SECTION 15 : A PORTION OF	
SECTION 16 : NE/4	
SECTION 16 : NW/4	
SECTION 17 : S/2	
SECTION 18 : E/2, SW/4,	S/2 NW/4
SECTION 18 : N/2 NW/4	
SECTION 19 : S/2 SE, SE/SW	
SECTION 19 : N/2, N/2 S/2,	SW/4 SW/4
SECTION 20 : W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 20 : E/2 NE/4	
SECTION 20 : SW/SW	
SECTION 20 : SW/SE, SE/SW	
SECTION 21 : PART OF TR. 42	IN S/2
SECTION 21 : NW/4, W/2 NE	
SECTION 21 : PART OF TR. 43	IN SE/4
SECTION 21 : LOTS 1-3, E/2 NE, N/2 S/2, SW/SW	
SECTION 22 : LOT 1, N/2,	SE/4, NE/SW
SECTION 22 : LOT 2, NW/SW	
SECTION 22 : PART OF TR. 43	IN SW/4
SECTION 26 : ALL	
SECTION 27 : PART OF TR. 43	IN NW/4
SECTION 27 : LOTS 1-3, E/2,	SE/NW, SW/4
SECTION 28 : LOT 2-5, NW/NW	
SECTION 28 : LOT 6, E/2 SE	
SECTION 28 : PART OF TR. 43	IN NE/4, LOT 1
SECTION 28 : PART OF TR. 42	IN N/2
SECTION 28 : PART OF TR. 42	IN S/2
SECTION 28 : LOTS 7 & 8,	S/2 SW, SW/SE,
SECTION 29 : N/2 NE/4	
SECTION 29 : SE/4	
SECTION 29 : S/2 NE, W/2	
SECTION 30 : E/2	
SECTION 30 : W/2	
SECTION 31 : E/2	
SECTION 31 : W/2	
SECTION 32 : S/2	
SECTION 32 : N/2	

RUN DATE 03/26/93
RUN TIME 17:03:09

MERIDIAN OIL, INC.
SCHEDULE XXVIII
R E C A P I T U L A T I O N

PAGE 2
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 33	:	N/2 NE, NW/4, NE/SW, TR.45SE, SE/SW	
SECTION 33	:	S/2 NE,	N/2 SE
SECTION 33	:	TRACT 44IN	W/2
SECTION 33	:	LOTS 1 & 2	
SECTION 33	:	LOTS 3 & 4,	NW/SW
SECTION 34	:	LOTS 1&2, W/2 NE, NW/4	
SECTION 34	:	LOTS 3,5,6, SE/SW	
SECTION 34	:	N/2 SW, SW/SW	
SECTION 34	:	LOT 4, PART OF	TR.47 IN SE/4
SECTION 34	:	PART OF TR.47	IN NE/4
SECTION 35	:	PART OF TR.47	IN W/2 W/2
SECTION 35	:	LOTS 1-4, E/2,	E/2 W/2
SECTION 36	:	NW/4	
SECTION 36	:	LOTS 1 - 4,	SW/4, W/2 E/2
SECTION 7	:	S/2	
SECTION 7	:	N/2	
SECTION 8	:	N/2, SE/4	
SECTION 8	:	SW/4	
SECTION 9	:	E/2	
SECTION 9	:	W/2	
TOWNSHIP 30N	:	RANGE 7W	
SECTION 11	:	E/2	
SECTION 11	:	W/2	
SECTION 12	:	E/2	
SECTION 12	:	W/2	
SECTION 13	:	E/2	
SECTION 13	:	W/2	
SECTION 14	:	W/2	
SECTION 14	:	E/2	
SECTION 15	:	W/2	
SECTION 15	:	E/2	
SECTION 22	:	W/2 E/2, E/2	W/2
SECTION 22	:	E/2 E/2	
SECTION 23	:	ALL	
SECTION 24	:	ALL	
SECTION 25	:	ALL	
SECTION 26	:	ALL	
SECTION 27	:	E/2	
SECTION 27	:	W/2	
SECTION 28	:	SW/4 SW/4	
SECTION 28	:	NW/4, N/2 SW,	SE/SW
SECTION 28	:	E/2	
SECTION 31	:	E/2	
SECTION 32	:	N/2 NE/4	
SECTION 32	:	SE/4	
SECTION 32	:	SE/4 NE/4	
SECTION 32	:	SW/4 NE/4	
SECTION 33	:	ALL	
SECTION 34	:	ALL	
SECTION 35	:	ALL	
SECTION 36	:	W/2 SW/4	

RUN DATE 03/26/93
RUN TIME 17:03:09

MERIDIAN OIL INC
SCHEDULE XXVIII
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 36 : N/2 NW, SW/NW
SECTION 36 : SW/4 NE/4
SECTION 36 : SE/NW, E/2 SW
SECTION 36 : SE/4 NE/4
SECTION 36 : NE/4 SE/4
SECTION 36 : W/2 SE/4
SECTION 36 : SE/SE, N/2 NE
TOTAL COMMITTED: 27,725.55

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

27,725.55



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

March 25, 1993

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: San Juan 30-6 Unit
24th thru 27th Expansions Approved
28th and 29th Expansions Denied
Fruitland Coal Participating Area
Rio Arriba County, New Mexico

Dear Mr. Beers:

This office is in receipt of your letter of January 21, 1993 requesting approval of the 24th through 29th Expansions of the Fruitland Coal Participating Area for the San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Bureau of Land Management has advised this office by their letter of March 16, 1993 that they have approved the Fruitland Coal Expansions 24 through 27 of the San Juan 30-6 Unit.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the above mentioned participating areas effective as follows:

The 24th Expansion is based upon the successful completion of the well Nos. 423, 424 and 425. This expansion is effective July 1, 1993.

The 25th Expansion is based upon the successful completion of the well no. 429 and is effective August 1, 1990.

The 26th Expansion is based upon the successful completion of the well no. 428 and is effective November 1, 1990.

The 27th Expansion is based upon the successful completion of the well nos. 493, 494, 495 and 501. This expansion is effective December 1, 1990.

Meridian Oil Inc.
March 25, 1993
Page 2

The Commissioner of Public Lands also concurs with the Bureau of Land Management that the Well Nos. 499 and 500 are non commercial and therefore have also denied the 28th and 29th expansions.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ami Bailey for F.O. Prando*

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
BLM-Farmington
TRD-Santa Fe
OCD-Santa Fe



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

March 24, 1993

Meridian Oil
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: San Juan 30-6 Unit Well No. 498
Rio Arriba County, New Mexico
Notice of Non-Commercial Well
Fruitland Formation

Dear Mr. Beers:

The Bureau of Land Management has advised this office that the above captioned well has been determined non-commercial and therefore not entitled to receive a participating area.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determination that the San Juan 30-6 Unit Well No. 498 is non-commercial and production should be reported on a lease basis. This well is located in the SW/4NE/4 of Section 30, Township 30 North, Range 7 West, Rio Arriba County, New Mexico.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.
cc: Reader File
OCD
BLM
TRD



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1249

March 11, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: 1993 Plan of Development
San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

OIL CONSERVATION DIVISION
RECEIVED

93 MAR 16 AM 9 13

March 10, 1993

Bureau of Land Management
Farmington District
1235 La Plata Highway
Farmington, New Mexico 87401

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Re: San Juan 30-6 Unit
#14-08-001-538
Notice of Non-Commercial Well
San Juan 30-6 Unit No. 498
Rio Arriba County, New Mexico

Gentlemen:

Please reference letter dated February 26, 1993 from Kent Beers of Meridian Oil Inc. as Operator of the referenced unit (copy attached).

This letter states in part that "Despite this work, the well has failed to respond, indicating a sub-commercial reservoir underlying the drilling block".

As a substantial working interest owner in the Drilling Block Phillips believes this sentence should read; "Despite this work, the well has failed to respond." (omitted "indicating a sub-commercial reservoir underlying the drilling block").

This is consistent with conversation this office has had with Mr. Duane Spencer of the BLM. In these conversations it was determined that a successful re-drill of a well experiencing near well bore problems, such as paraffin, would exclude any contention that any acreage within the Drilling Block for the re-drill well be withheld from entering the Participating Area.

Since Phillips is considering re-drill possibilities we bring this to your attention and ask that you respond immediately if you disagree.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

w/attachment

cc: Meridian, Kent Beers
W. D. Jaap (r) A. C. Tai
R. G. Flesher

MERIDIAN OIL

February 26, 1993

Bureau of Land Management (2)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (1)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (1)
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501-2088

RE: SAN JUAN 30-6 UNIT, 14-08-001-538
RIO ARriba COUNTY, NEW MEXICO
NOTICE OF NON-COMMERCIAL WELL
FRUITLAND FORMATION

Gentlemen:

In accordance with Section 11a of the San Juan 30-6 Unit Agreement, approved April 30, 1953, Meridian Oil Inc., as Unit Operator, has determined that the following well is not capable of producing unitized substances in paying quantities from the Fruitland formation to be admitted to the Participating Area:

San Juan 30-6 Unit #498

<u>Description</u>	<u>Tract/Acres</u> <u>Lease No.</u>	<u>Tract Description</u>	<u>Comp. Date</u>
E/2 30-30N-7W	Tr. 7/320.00 NM-012709	E/2	6-9-91

The stabilized production for this well is 130 Mcf/d, which is significantly below the necessary rate for unit commercial determination purpose. A plot of the production is attached for your review. Attempts to improve production include using injection compression and a surface separator to handle produced paraffin. Despite this work, the well has failed to respond, indicating a sub-commercial reservoir underlying the drilling block. The daily drilling reports are attached for your reference.

Please advise in writing of your determination regarding this well as soon as possible.

If there are any questions regarding this letter, call Linda Donohue at 327-9760.

RECEIVED
PARTNERSHIP OPERATIONS
MAR - 1 1993
HOUSTON OFFICE

Regulatory Agencies
February 26, 1993
Page 2

A copy of this letter is being furnished to the owners on the attached list.

Thank you for your assistance.

Yours very truly,

A handwritten signature in black ink, appearing to be 'Kent Beers', with a stylized, somewhat jagged line for the surname.

Kent Beers
Attorney-in-Fact

KOB/LD/pr
ID:ldfeb.53
SJ 30-6, 4.5.1

**SAN JUAN 30-6 UNIT
FRUITLAND PARTICIPATING AREA AND FRUITLAND DRILL BLOCK OWNERS**

Amoco Production Company

William G. Webb

Arco Oil & Gas Company

Williams Production Company

W. P. Carr

The Wiser Oil Company

Conoco Inc.

El Paso Production Company

**Frank D. Gorham, Jr.
DBA Cuesta Production Company**

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

**T. H. McElvain Oil & Gas Properties on behalf of:
Catherine M. Harvey, Catherine B. McElvain, T. H. McElvain, Jr.**

Meridian Oil Production Inc.

Morris Mizel

Moore Loyal Trust

**Mosbacher Energy Company
Emil Mosbacher III, R. Bruce Mosbacher,
John David Mosbacher, Mosbacher USA Inc.,
Clint S. Inc., Robert Adam Mosbacher**

Phillips Petroleum Company

**Prudential Bache
c/o Graham Royalty**

**James M. Raymond, Individually and as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts**

Southland Royalty Company

St. John's Institutional Investment Ltd.

Paul H. Umbach Estate

MERIDIAN OIL

CONSERVATION DIVISION

February 26, 1993

Bureau of Land Management (2)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (1)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (1)
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501-2088

**RE: SAN JUAN 30-6 UNIT, 14-08-001-538
RIO ARRIBA COUNTY, NEW MEXICO
NOTICE OF NON-COMMERCIAL WELL
FRUITLAND FORMATION**

Gentlemen:

In accordance with Section 11a of the San Juan 30-6 Unit Agreement, approved April 30, 1953, Meridian Oil Inc., as Unit Operator, has determined that the following well is not capable of producing unitized substances in paying quantities from the Fruitland formation to be admitted to the Participating Area:

San Juan 30-6 Unit #498

<u>Description</u>	<u>Tract/Acres Lease No.</u>	<u>Tract Description</u>	<u>Comp. Date</u>
E/2 30-30N-7W	Tr. 7/320.00 NM-012709	E/2	6-9-91

The stabilized production for this well is 130 Mcf/d, which is significantly below the necessary rate for unit commercial determination purpose. A plot of the production is attached for your review. Attempts to improve production include using injection compression and a surface separator to handle produced paraffin. Despite this work, the well has failed to respond, indicating a sub-commercial reservoir underlying the drilling block. The daily drilling reports are attached for your reference.

Please advise in writing of your determination regarding this well as soon as possible.

If there are any questions regarding this letter, call Linda Donohue at 327-9760.

Regulatory Agencies
February 26, 1993
Page 2

A copy of this letter is being furnished to the owners on the attached list.

Thank you for your assistance.

Yours very truly,

A handwritten signature in black ink, appearing to be 'KB' with a long horizontal line extending to the right.

Kent Beers
Attorney-in-Fact

KOB/LD/pr
ID:ldfeb.53
SJ 30-6, 4.5.1

**SAN JUAN 30-6 UNIT
FRUITLAND PARTICIPATING AREA AND FRUITLAND DRILL BLOCK OWNERS**

Amoco Production Company

William G. Webb

Arco Oil & Gas Company

Williams Production Company

W. P. Carr

The Wiser Oil Company

Conoco Inc.

El Paso Production Company

**Frank D. Gorham, Jr.
DBA Cuesta Production Company**

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

**T. H. McElvain Oil & Gas Properties on behalf of:
Catherine M. Harvey, Catherine B. McElvain, T. H. McElvain, Jr.**

Meridian Oil Production Inc.

Morris Mizel

Moore Loyal Trust

**Mosbacher Energy Company
Emil Mosbacher III, R. Bruce Mosbacher,
John David Mosbacher, Mosbacher USA Inc.,
Clint S. Inc., Robert Adam Mosbacher**

Phillips Petroleum Company

**Prudential Bache
c/o Graham Royalty**

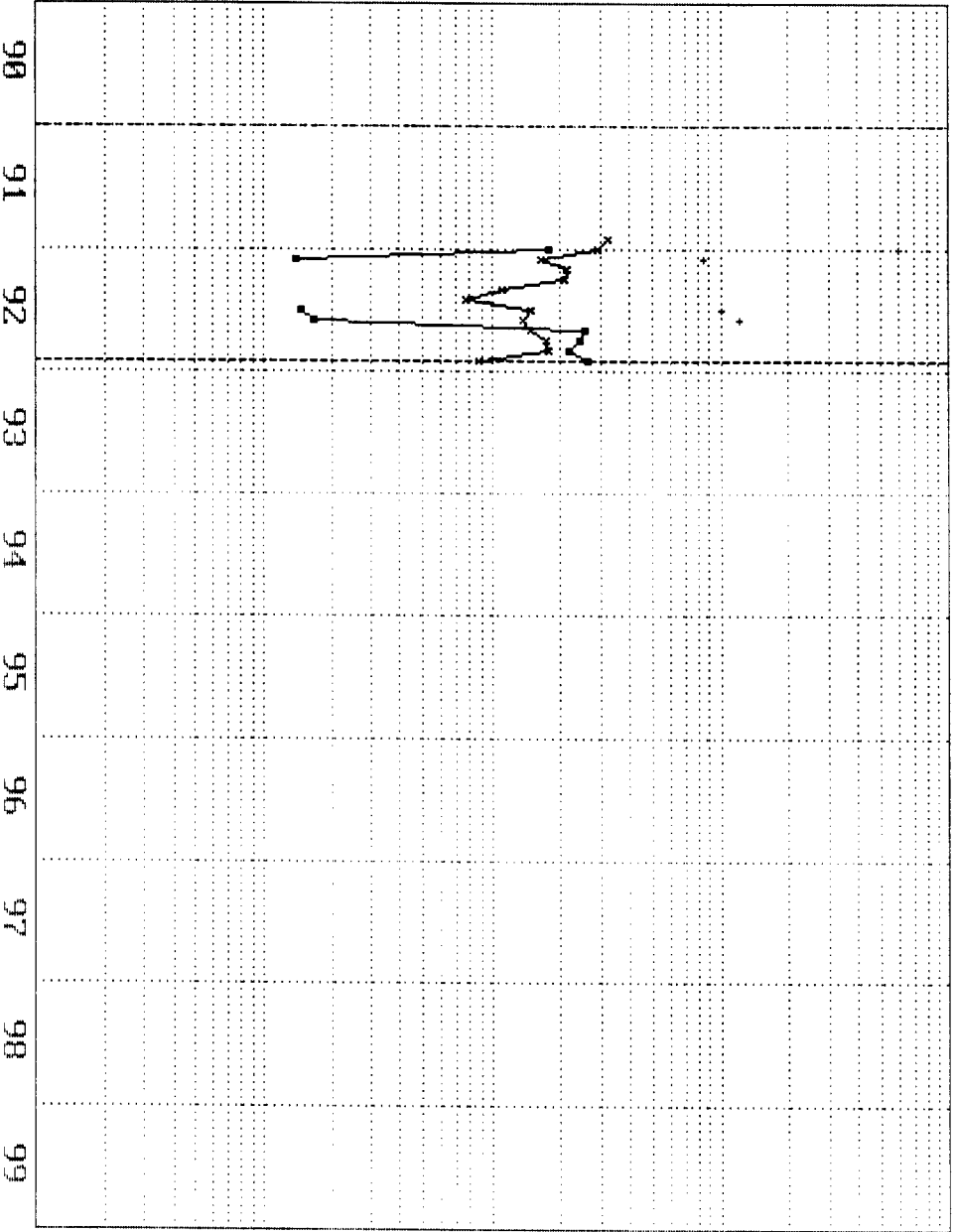
**James M. Raymond, Individually and as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts**

Southland Royalty Company

St. John's Institutional Investment Ltd.

Paul H. Umbach Estate

.01	.1	1	10	• WTR/GAS
1	10	100	1000	• WATER
10	100	1000	10000	• GAS



SAN JUAN 30-6 UNIT : 498 : 52740-1

Prop : 295

GAS

Major=GAS

FRUITLAND ANNUAL PRODUCTION FOR 5274A PHS020M1

SAN JUAN 30-6 UNIT 498

BANK (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

===== OIL CUM ===== ===== GAS CUM ===== ===== WATER CUM =====

PC DATE BBLS PC DATE MCF DATE BBLS

=====

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1990						
1991			3274	3274		
1992	323	323	19563	22837	1217	1217

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION

ENTER - CONTINUES ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF6 - RETURN TO WELL-INFO DISPLAY

PF9 - ANNUAL INJECTION DISPLAY

PF10 - HELP INFORMATION

F NGTON 1991 MONTHLY PRODUCTION FOR 5274A PHS030M1
 S JAN 30-6 UNIT 498
 E (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

DAYS =====		OIL =====		=====		GAS =====									
M	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C		
1						01				15.025			0		
2						01				15.025			0		
3	2					01				15.025			0		
4						01				15.025			0		
5															
6															
7															
8															
9															
10															
11	2												0		
12	5	28				01	3274	28	1048	15.025			0		

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
 00/00/00 00:00:00:0 P12 11/04/92

UAN 30-6 UNIT 498

FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

UNIT	TYPE	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	24	02			01	2957	24	1048	15.025		180	0
		10	02			01	1646	10	1048	15.025		14	0
		23	02		61	01	2138	23	1021	15.025			0
		30	02		63 44.2	01	2093	30	1021	15.025			0
		30	02		65	01	1133	30	1021	15.025			0
		28	02		17 44.5	01	788	28	1052	15.025			0
		31	02		81 36.0	01	1478	31	1052	15.025		15	0
		31	02		9	01	1392	31	1007	15.025		17	0
9	2	F	30	02		01	1492	30	1007	15.025		261	0
10	2	F	30	02		01	1756	30	1007	15.025		245	0
11	2	F	30	02		01	1806	30	1007	15.025		218	0
12	1	F	15	02		01	884	15	1007	15.025		267	0

PF3 - TRANSFER TO UPDATE

PF9 - DISPLAY MONTHLY INJECTION

P12 02/02/93

NUM LU #20

12/05/91
09:27:00.2

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 1

	S		
	T		
	A		
	T		
WELL NAME	U		
OPERATOR	S	MOI PART	DP-NO
-----	-	-----	-----

DIST: FARMINGTON
ST : NM CNTY: RIO ARRIBA

SAN JUAN 30-6 UNIT 498
EL PASO PRODUCT

PROP TD : 30,622

PROSPECT: S F 5274A

11-04-90 11-05-90

TD: 030 SPUD DATE: 11-04-90 SPUD TIME: 1745

MW: 8.80 VIS: 028

UNIT: G SEC: 30 TWN: 030N RNG: 007W

LOCATION : 2185'N, 2295'E

PROP FORM: FRUITLAND COAL

PROP FLD : BASIN FRUITLAND COA

***** F I R S T R E P O R T *****

HUGHES RIG #1 (DRILLING)

TOTAL AFE:

DRLG AFE:

COMP AFE:

DRLG/COMP ACTUAL:

11-4-90: MOL RU. DRL RAT & MOUSE HOLE. SPUD @ 5:45 PM 11-4-90. DRL.

TRIP. RAN 5 JTS 9 5/8" 8RD K-55 ST&C CSG SET @ 229' PBTD 199'. RU

WESTERN & PUMP 10 BBL WTR AHEAD. MIX 160 SK B 3% CACL2 1/4#/SK FLOCEL

MISED & PUMPED @ 4 BPM, 15.6 PPG. CIRC 15 BBLS TO SURF. PD @ 2:30 AM

11-5-90. NOW WOC. DEPTH 230' MADE 230' IN 24 HR.

AFE-NO: L713 AFE COST:

PROPERTY: 0-098455-95

ECC:

12/05/91
09:27:00.3

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 2

WELL NAME OPERATOR	S T A T E	MOI PART	DP-NO
11-05-90 11-06-90 TD: 1,680 MW: 8.90 VIS: 029 HUGHES RIG #1 (DRILLING) TOTAL AFE: DRLG AFE: COMP AFE: DRLG/COMP ACTUAL: WOC. NU BOP, TEST CSG TO 600#, OK. DRLG @ 1680' MADE 1450' IN 24 HR. SURVEY @ 1302' 1/2 DEG. AFE-NO: L713 AFE COST: ECC:			
11-06-90 11-07-90 TD: 2,700 MW: 8.90 VIS: 029 HUGHES RIG #1 (DRILLING) TOTAL AFE: DRLG AFE: COMP AFE: DRLG/COMP ACTUAL: DRL. TRIP. RIG SERVICE. SURVEY @ 2517' 1 1/4 DEG. WORK BOP RAMS. NOW DRLG @ 2700' MADE 1020' IN 24 HR. AFE-NO: L713 AFE COST: ECC:			

12/05/91
09:27:00.3

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 3

WELL NAME	S			
OPERATOR	T	A		
	Y	T		
	P	U		
	E	S	MOI PART	DP-NO

11-07-90 11-08-90
TD: 2,915
MW: 9.50 VIS: 038
HUGHES RIG #1 (DRILLING)
TOTAL AFE:
DRLG AFE:
COMP AFE:
DRLG/COMP ACTUAL:
DRAL. RIG SERVICE. CIRC. LDDP & DC'S. CHANGE RAMS 4 1/2" TO 7". RAN
68 JTS 7" 20# K-55 ST&C CSG SET @ 2915', PBTD 2870'. RU WESTERN &
CIRC. PRECEED W/20 BBL GEL WTR, 640 SK B 2% CACL2, 15.6 PPG. 18 BBL
CMT TO SURF. PD @ 9:00 PM 11-7-90. BUMPED PLUG W/1400 PSI. HELD OK.
ND BOP'S. SET SLIPS W/50,000#, CUT OFF CSG. INSTALL FUZZ BONNET.
AFE-NO: L713 AFE COST: PROPERTY: 0-098455-95
ECC:

12-20-90 12-21-90
TD: 2,915
HUGHES RIG #1 (DRILLING)
TOTAL AFE:
DRLG AFE:
COMP AFE:
DRLG ACTUAL: COMP ACTUAL:
MOL RU. INSTALL HEATER, WIND WALLS & TARPS. SNOW, ICE & BLOWING SNOW.
RU.
AFE-NO: L713 AFE COST: PROPERTY: 0-098455-95
ECC:

12/05/91
09:27:00.5

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 4

WELL NAME
OPERATOR

S
T
T A
Y T
P U
E S

MOI PART

DP-NO

12-21-90 12-26-90

TD: 3,060

AZTEC WELL SERVICE RIG #56 (COMPLETION)

TOTAL AFE:

DRLG AFE:

COMP AFE:

DRLG ACTUAL: COMP ACTUAL:

MOL RU. TEST BLIND RAMS TO 200 PSI FOR 10 MIN, 2500 PSI FOR 30 MIN-OK
PU BHA, 8 4 3/4" DC'S, 3 1/2" DP. TIH, TAG @ 2862'. TEST PIPE RAMS TO
200 PSI FOR 10 MIN, 2500 PSI FOR 30 MIN-OK. POOH FOR F-NIP, TIH, DRLD
OUT CMT & FLOAT EQUIP. DRLD FRUITLAND COAL 2915-2965'.

12/22/90: DRLD FC 2985-3060'. CIRC TO PIT W/5 BPMW. RTNS LT FINE
COAL, BLK WTR, NO FLARE. BLOW TO PIT W/800 TO 1.6 MM AIR & 2 BPMW.
RTNS VERY LITTLE FINE COAL, BLK WTR, NO FLARE..

12/23/90: BLOW TO PIT W/1.6 MM AIR & 2 BPMW. RTNS LT FINE COAL, BROWN
WTR, AIR, NO FLARE. LOAD HOLE W/PROD WTR. POOH, SI BLIND RAMS, LOCKED
DRAIN UP RIG & SD. RIG IDLE FOR HOLIDAY.

AFE-NO: L713 AFE COST:

PROPERTY: 0-098455-95

ECC:

12-26-90 12-27-90

TD: 3,060

AZTEC WELL SERVICE RIG #56 (COMPLETION)

TOTAL AFE:

DRLG AFE:

COMP AFE:

DRLG ACTUAL: COMP ACTUAL:

START UP AFTER HOLIDAY. TIH W/BIT, BIT SUB, DC'S & DP, NO FILL. BLOW
TO PIT W/1.6 MM AIR & 2 BPMW & 25 BBL SWEEPS/HR. RTNS LT FINE COAL,
BLK WTR, AIR, NO FLARE.

AFE-NO: L713 AFE COST:

PROPERTY: 0-098455-95

ECC:

12/05/91
09:27:00.5

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 5

	S		
	T		
	T	A	
	Y	T	
WELL NAME	P	U	
OPERATOR	E	S	MOI PART
			DP-NO

12-27-90 12-28-90
TD: 3,100 PBTD: 3,099
AZTEC WELL SERVICE RIG #56 (COMPLETION)
TOTAL AFE:
DRLG AFE:
COMP AFE:
DRLG ACTUAL: COMP ACTUAL:
BLOW TO PIT W/1.6 MMCF AIR & 2 BPMW W/25 BBL. SWEEPS/HR. RETURN LITE
FINE COAL, LITTLE BLK WTR, AIR - NO FLARE. SI FOR BU. TSTM. PRESS UP
TO800# W/AIR & 60 BW. SURGE TO PIT. PRESS UP TO 900# W/AIR & WTR.
SURGE TO PIT. RETURNS CLEAN<. BLOW TO PIT AS ABOVE. PULL INTO 7" CSG
REPACK P.SWIVEL. DRL 3060' TO 3100'. CIRC W/WTR. TOOH TO LOG. RU
HOWCO. NOW LOGGING.
AFE-NO: L713 AFE COST: PROPERTY: 0-098455-95
ECC:

12/05/91
09:27:00.6

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 6

WELL NAME	S	T	A	T	U	MOI PART	DP-NO
OPERATOR	E	S					

12-28-90 12-29-90
TD: 3,100 PBTD: 3,099
AZTEC WELL SERVICE RIG #56 (COMPLETION)
TOTAL AFE:
DRLG AFE:
COMP AFE:
DRLG ACTUAL: COMP ACTUAL:
12-28-90: LOGGING W/HOWCO WL. TIH W/DC & LD SAME. CHANGE RAMS. RU &
RUN 9 JTS 4 1/2" LINER ON 3 1/2" DP TO 3100'-NO FILL. CIRC BTM UP &
SET HANGER PACK OFF. RU WESTERN CO & CMT. REV OUT 8 BBL GOOD CMT TO
PIT. D 3 1/2" DP. ND BOP'S ETC. NU MASTER VALVE. RD TO MOVE. RAN 9 JT
4 1/2" 10.5# J-55 CSG 387.01'. CMT GS ON BTM. BROWN 4 1/2" X 7"
HANGER ON TOP SET @ 3099', FC # 3056' TOP @ 2711'. CMT W/WESTERN CO.
CMT W/75 SK B 2% CACL2 15.6 PPG, 59 CF. DISP. REV OUT W/120 BBL WTR.
REC 8 BBL GOOD CMT. PD @ 3:57 PM 12-28-90. RELEASED RIG @ 6:00 AM
12-29-90. MOVING TO SAN JUAN 30-6 UNIT #497.
AFE-NO: L713 AFE COST: PROPERTY: 0-098455-95
ECC:

12/05/91
09:27:00.7

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 7

WELL NAME

OPERATOR

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S

MOI PART

DP-NO

6-05-91 6-06-91

TD: 3,100 PBTD: 3,099

DRAKE RIG #22 (COMPLETION)

TOTAL AFE:

DRLG AFE:

COMP AFE:

DRLG ACTUAL:

COMP.ACTUAL:

06-05-91: MOL&RU. NU BOP. PT RAMS 3000#/15 MIN, OK. TIH W/3 7/8"
BIT, BIT SUB ON 2 3/8" TBG. TAG CMT @ LINER TOP. RU POWER SWIVEL.
DRL 12' CMT @ LINER TOP. FLOAT COLLAR OUT TO 3085' PBTD. PT CSG TO
500#, OK. CIRC HOLE W/2% KCL WTR. TOO H. RU BLUE JET. RAN CBL-CCL-GR
W/1000#, GOOD BOND. PT 3000#/15 MIN, OK. PERF'D 2952-73', 2992-3000'
3006-08', 3022-30', 3038-45', 3051-57' (52'-104 SHOTS). TIH W/4 1/2"
SPIT TOOL, 2' SPACING ON 2 3/8" TBG. RU WESTERN. BD PERFS W/2094 GAL.
7.5% HCL ACID. UNLOAD HOLE W/AIR. TOO H W/SPIT TOOL. NOW RU SMITH
ENERGY TO FRAC. DWC:
AFE-NO: L713 AFE COST: PROPERTY: 0-098455-95
ECC:

12/05/91
09:27:00.8

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 8

WELL NAME

OPERATOR

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P
U
E

MOI PART

DP-NO

6-06-91 6-07-91

TD: 3,100 PBTD: 3,099

DRAKE RIG #22 (COMPLETION)

TOTAL AFE:

DRLG AFE:

COMP AFE:

DRLG ACTUAL:

COMP.ACTUAL:

06-06-91: FRAC W/2610 BBL 30# X-LINK GEL, 8145# 40/70 SAND,
182,300# 20/40 SAND. ATP 1700 PSI, MAX PRESS 1750 PSI, ATR 59 BPM,
MAX SAND CONCENTRATION 5 PPG. ISIP 1250 PSI, 15 MIN 890 PSI. SI TO
ALLOW GELS TO BREAK. FLOW TO FLOW TANK. RETURNS 481 BBLS LOAD WTR.
LAST HR READING FROM 1/4" CHOKE 150 PSI, BACK PRESSURE 28.5 BPH.

MODERATE SAND. NOW BLOWING TO FLOW TANK. DWC:

AFE-NO: L713 AFE COST:

PROPERTY: 0-098455-95

ECC:

12/05/91
09:27:00.8

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 9

WELL NAME	S		
OPERATOR	T	MOI PART	DP-NO
	A		
	Y		
	T		
	P		
	U		
	E		
	S		

6-07-91 6-09-91
TD: 3,100 PBD: 3,099
DRAKE RIG #22 (COMPLETION)
TOTAL AFE:
DRLG AFE:
COMP AFE:
DRLG ACTUAL: COMP.ACTUAL:
6-7-91: FLOWING WELL TO BLOW TANK. REC 120 BBL LOAD WTR. RET LIGHT SD
TIH W/BAKER EXP CHECK, 1 JT OF 2 3/8' TBG, F NIP, 2 3/8" TBG. BLOWING
DOWN FROM 1400' TO 2700'. INJ 800 MCF AIR. RET 3 1/2" TO 2 1/2"
STREAM OF LOAD WTR W/MOD SD. CONT IN HOLE. TBG 20' OF SAND FILL. CONT
TO BLOW W/800 MCF AIR. GAUGE WELL THRU 1" ID TBG, 1 OZ 40 MCF GAS.
BLOW W/800 MCF AIR. RET 11 BPH LOAD WTR & LIGHT SAND. BLOWING W/AIR.
6-8-91: BLOWING W/800 MCF AIR, RET 11-9 BPH LOAD WTR W/LIGHT SAND.
LAND WELL W/97 JTS 2 3/8" 4.7# J-55 EUE 8RD TBG. SET @ 3051.72', F
NIP @ 3018.84' ND BOP, NU WH. PUMP OFF EXP CHECK W/WTR & AIR.
AFE-NO: L713 AFE COST: PROPERTY: 0-098455-95
ECC:

12/05/91
09:27:01.0

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C
PAGE: 10

WELL NAME	S			
OPERATOR	T	A		
	Y	T		
	P	U		
	E	S	MOI PART	DP-NO

12-04-91 12-04-91

TD: 3,100 PBTD: 3,099 SPUD DATE: 11-04-90

UNIT: G SEC: 30 TWN: 030N RNG: 007W

LOCATION : 2185'N, 2295'E

FORMATION: FRUITLAND COAL

FIELD : BASIN FRUITLAND COA

***** F I N A L R E P O R T *****

WELL 1ST DELIVERED 12-4-91 @ 10:35 AM. STAT 6.7, DIF 8.0, PLATE SIZE 1.375" SPRING 1000#, CHAMBER 100". NO WTR TANKS. NO OIL TANKS.

DISPOSAL METHOD: 10 X 4' PIT. DEHY: COMBO-PESCO SERIAL #10750, 21884

SITP 910, SICP 1030, LINE 423. PROD MECH: FLOWING. INITIAL MCF 1921.

AFTER 1 HR STAT 6.7, DIF 7.3, TBG 510, CSG 860, MCF 1753, 0 OIL, 15 BBL WTR.

PROD PERF TOP: 2,952

PROD PERF BOT: 3,057

AFE-NO: L713 AFE COST:

PROPERTY: 0-098455-95

ECC:

February 25, 1993

Bureau of Land Management (2)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (1)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (1)
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501-2088

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
RIO ARriba COUNTY, NEW MEXICO
1993 PLAN OF DEVELOPMENT**

Gentlemen:

By letters dated March 2 & October 27, 1992, Meridian Oil Inc., as Unit Operator, for the referenced Unit, filed the Plan of Development and First Amendment for the calendar year 1992. This program provided for the drilling of one (1) Fruitland formation well. The #404R, E/2 23-30N-7W was drilled.

As of this date, the total number of wells in the San Juan 30-6 Unit are as follows:

Fruitland, Commercial (Based upon approved 23rd expansion)	80
Fruitland Coal, Being Evaluated	19
Fruitland, Pressure Observation Wells	3
Fruitland, Temporarily Abandoned	1
Fruitland, Plugged & Abandoned	2
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-Commercial	1
Mesaverde, Plugged & Abandoned	15
Pennsylvanian, Plugged & Abandoned	2
Salt Water Disposal Wells	2
	<u>260</u>

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, Meridian Oil Inc., as Unit Operator, is submitting a Plan of Development providing for the drilling of the following wells during the calendar year 1993:

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-6 Unit #30R	E/2 20-30N-6W	Mesaverde
San Juan 30-6 Unit #48R	W/2 27-30N-6W	Mesaverde
San Juan 30-6 Unit #58B	W/2 31-30N-6W	Mesaverde
San Juan 30-6 Unit #95X	W/2 26-30N-7W	Mesaverde

All of the working interest owners have been contacted regarding this Plan of Development. Meridian Oil Inc., and the working interest owners believe that all current obligations have been satisfied. and the necessary concurrence to propose the drilling of no wells during the calendar year 1993 has been received.

Regulatory Agencies
February 25, 1993
Page 2

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please advise of your approval in writing as required under Section 10 of the Unit Agreement. It is not necessary that we have a copy returned to us, so we are reducing the number of copies originally requested by one.

Please contact Linda Donohue at 326-9760 if there are any questions regarding this letter

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,


Kent Beers
Attorney-in-Fact 

KB/LD/pr
ID:ldfeb.46
Enclosures

San Juan 30-6 Unit, 3.0

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

**Ameritrust Texas National Association,
Trustee for Mary Francis Turner, Jr.**

Amoco Production Company

Arco Oil & Gas Company

Elizabeth Jeanne Turner Calloway

W. P. Carr

Conoco Inc.

El Paso Production Company

Global Natural Resources Corporation

**Frank D. Gorham, Jr.
DBA Cuesta Production Company**

T. H. and Nancy L. Harrington

Koch Industries - deep rights

**T. H. McElvain Oil & Gas Properties on behalf of:
Catherine M. Harvey, Catherine B. McElvain, T. H. McElvain, Jr.**

Meridian Oil Production Inc.

Morris Mizel

Moore Loyal Trust

**Mosbacher Energy Company Emil Mosbacher III, R. Bruce Mosbacher, John David Mosbacher,
Mosbacher USA Inc., Clint S. Inc. Robert Adam Mosbacher**

Phillips Petroleum Company

**Prudential-Bache
c/o Graham Royalty**

**James M. Raymond, Individually and as Trustee for
Corinne Miller Gay and Maydell Miller Mast Trusts**

W. H. Sloan

Southland Royalty Company

St. Johns Institutional Investment

Frederick Eugene Turner

J. Glenn Turner, Jr.

John Lee Turner

Paul H. Umbach Estate

William G. Webb

Williams Production Company

The Wiser Oil Company



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1219

November 4, 1992

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Kent Beers

Re: First Amendment -- 1992 Plan of Development
San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

'92 NOV 2 AM 10 06

MERIDIAN OIL

October 27, 1992

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

**RE: SAN JUAN 30-6 UNIT, #14-08-001-538
FIRST AMENDMENT
1992 PLAN OF DEVELOPMENT
RIO ARriba COUNTY, NEW MEXICO**

Gentlemen:

By letter dated March 2, 1992 Meridian Oil Inc., as Unit Operator, filed the original Plan of Development for 1992.

Subsequently the following well has been proposed to be included in the 1992 Plan of Development:

<u>WELL NAME</u>	<u>DRILL BLOCK</u>	<u>FORMATION</u>
San Juan 30-6 Unit #404R	E/2 23-30N-7W	Fruitland Coal

The working interest owners have been contacted and the necessary concurrence has been received to drill this well during 1992.

If the First Amendment to the 1992 Plan of Development is acceptable please signify your approval as required under Section 10 of the Unit Agreement on the space provided on the attached sheet. A copy of the approval page should be returned to the attention of the undersigned.

The unit owners on the attached sheet are being furnished a copy of this letter.

Yours very truly,


Kent Beers
Regional Land Manager

KB:LD/lr
octld/30-31
Sj 30-6, 3.0

**SAN JUAN 30-6 UNIT #14-08-001-538
FIRST AMENDMENT - 1992 PLAN OF DEVELOPMENT**

APPROVED: _____ **DATED:** _____
Bureau of Land Management
(subject to like approval by the
Oil Conservation Division &
Commissioner of Public Lands)

APPROVED: _____ **DATED:** _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management &
the Oil Conservation Division)

APPROVED:  _____ **DATED:** 11-2-92
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management & the
Commissioner of Public Lands)

The foregoing approvals for the 1992 First Amendment to the Plan of Development for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico, submitted to regulatory agencies by letter dated 10/27/92.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

J. R. Abraham

Frederick Eugene Turner

**Ameritrust Texas National Association,
Trustee for Mary Francis Turner, Jr.**

J. Glenn Turner, Jr.

Amoco Production Company

John Lee Turner

Arco Oil & Gas Company

Paul H. Umbach Estate

Elizabeth Jeanne Turner Calloway

Williams Production Company

W. P. Carr

The Wiser Oil Company

Conoco Inc.

El Paso Production Company

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

Koch Industries - deep rights

**T. H. McElvain Oil & Gas Properties on behalf of:
Catherine M. Harvey, Catherine B. McElvain, T. H. McElvain, Jr.**

Meridian Oil Production Inc.

Morris Mizel

Moore Loyal Trust

**Mosbacher Energy Company Emil Mosbacher III, R. Bruce Mosbacher, John David Mosbacher,
Mosbacher USA Inc., Clint S. Inc. Robert Adam Mosbacher**

Phillips Petroleum Company

**Prudential-Bache
c/o Graham Royalty**

PWG Partnership

**James M. Raymond, Individually and as Trustee for
Corinne Miller Gay and Maydell Miller Mast Trusts**

W. H. Sloan

Southland Royalty Company

St. John's Institutional Investment



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

#493

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1200

September 29, 1992

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Kent Beers

Re: 1992 Plan of Development
San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

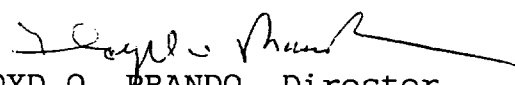
The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

San Juan 30-6 Unit (PA)
3180 (019)

JUL 30 1992

Meridian Oil Incorporated
P. O. Box 4289
Farmington, NM 87499-4289

Gentlemen:

On May 19, 1992 our office sent a letter to Meridian Oil Incorporated approving Fruitland Coal Expansions 21 through 23 of the San Juan 30-6 Unit.

Section 11 of the San Juan 30-6 Unit Agreement states "It is hereby agreed for the purposes of this agreement that all wells completed for production in the Fruitland Formation shall be regarded as producing from a single zone or pool". Per the terms of the unit agreement, it is necessary for us to amend our approval of the Fruitland Coal Expansions 21 through 23 for the Fruitland Coal Formation in the San Juan 30-6 Unit. The Initial approval and expansions 1 through 20 were for the Fruitland Formation. Our most recent approval is now amended to read "Expansions 21, 22, and 23 for the Fruitland Formation of the San Juan 30-6 Unit is hereby approved. Please report all future production from the affected wells under 891000538A."

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

If you have any questions concerning this matter, please call Janice Easley at (505) 599-8963.

Sincerely,

FOR Mike Pool
Area Manager

cc:
MMS, RMP, MS-3240, Denver, CO
NMOCD, Santa Fe, NM
Commissioner of Public Lands, Santa Fe, NM



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

June 19, 1992

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: San Juan 30-6 Unit
21st thru 23rd Expansions
Fruitland Coal Participating Area
Rio Arriba County, New Mexico

Dear Mr. Beers:

This office is in receipt of your letters of January 29, 1992 and June 10, 1992 requesting approval of the 21st through 23rd Expansions of the Fruitland Coal Participating Area for the San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Bureau of Land Management has advised this office by their letter of June 10, 1992 that they have reevaluated and approved the Fruitland Coal Expansions 21 through 23 of the San Juan 30-6 Unit.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the above mentioned participating areas effective as follows:

The 21st Expansion is effective April 1, 1990.
The 22nd Expansion is effective May 1, 1990.
The 23rd Expansion is effective June 1, 1990.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
BLM-Farmington
TRD-Santa Fe
OCD-Santa Fe

OIL CONSERVATION DIVISION
RECEIVED
'92 MAY 21 AM 8 35

San Juan 30-6 Unit (PA)
3186.1 (019)

MAY 19 1992

Meridian Oil Incorporated
P.O. Box 4289
Farmington, NM 87499-4289

Gentlemen:

We have reviewed the additional supporting data that you submitted for the Fruitland Coal Expansions 21 through 23 of the San Juan 30-6 Unit. This data was based on the inference that the wellbores were partially plugged with coal fines and that the well performance would improve considerably if the wells were cleaned out. Your supporting documentation indicated that this partial plugging of the wellbore by coal fines reduces production substantially. After clean out, production increases as high as 40 fold of the original IP was noted. Utilizing the worst case scenario which was a five fold increase, all of the wells submitted meet the criteria "Capable of producing unitized substances in paying quantities" as outlined in the Participating Area Guidelines. Your request for expansion 21, 22, and 23 is hereby approved.

The following table will indicate acreage affected, effective date and initiating wells for each expansion.

EXPANSION NUMBER	EFFECTIVE DATE	TOTAL ACRE	ACREAGE INVOLVED	LOCATION Sec T R	WELL(S)
21	4-1-90	1600	W $\frac{1}{2}$ ALL ALL	36 30N 6W	444 446,496, 483,484
22	5-1-90	640	ALL	26 30N 6W	410,492
23	6-1-90	1440	W $\frac{1}{2}$ E $\frac{1}{2}$ E $\frac{1}{2}$ W $\frac{1}{2}$ W $\frac{1}{2}$ E $\frac{1}{2}$	27 30N 7W 31 30N 7W 22 30N 7W 31 30N 6W 36 30N 7W	422 447 467 482 485

Please report all future production from the affected wells under 891000538A on the Monthly Report of Operations. (3160-6)

If you have any questions, please contact Ray Hager at (505) 327-5344 or (505) 599-8959.

Sincerely,

/s/ Charnie Deecham

FOR Mike Pool
Area Manager

2 Enclosures
1-Application
2-Geological and Engineering Report

cc:
See Attached



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 2, 1992

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
Fruitland Coal Participating Area
21st Expansion - Denied
22nd Expansion - Denied
23rd Expansion - Deferred

Dear Mr. Beers:

This office is in receipt of your letter of January 29, 1992 together with an application for approval of the 21st through 23rd expansions of the Fruitland Coal Participating Area, San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Bureau of Land Management, by their letter of March 10, 1991, has notified this office that your application for expansions 21 and 22 of the Fruitland Coal Participating Area has been denied. The determination for the 23rd expansion will be deferred until the application is re-submitted in sequential order.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's decision not to approve the 21st and 22nd expansions of the Fruitland Coal Participating Area and defer the application of the 23rd expansion until the application is re-submitted in sequence.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
OCD
TRD
BLM

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 23, 1998

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

JUN 24 1998

RE: San Juan 32-9 Unit (#14-08-001-569)
Commercial Determinations
Pictured Cliffs Formation
San Juan County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 32-9 Unit Agreement, #14-08-001-569, approved, June 26, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that some of the wells listed below are capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation. Burlington is seeking confirmation of the paying well determinations enclosed.

<u>BR's DP No.</u>	<u>Well Name & Number</u>	<u>Well Dedication</u>	<u>Dedicated Lease</u>	<u>Completion Date</u>	<u>Commerciality Determination</u>
21293A	San Juan 32-9 Unit #106	E/2 17-31N-9W	SF-078386	12/30/91	Commercial
21294A	San Juan 32-9 Unit #107	W/2 9-31N-9W	NMSF-080376	3/13/92	Commercial
29599A	San Juan 32-9 Unit #111	E/2 08-31N-9W	SF-078438	9/27/92	Commercial
29600A	San Juan 32-9 Unit #112	E/2 9-31N-9W	SF-080376	10/28/92	Commercial
41719A	San Juan 32-9 Unit #115	W/2 1-31N-10W	SF-078507	7/12/94	Commercial
36125B	San Juan 32-9 Unit #41A	E/2 31-32N-9W	SF-078509	7/29/94	Commercial
69962B	San Juan 32-9 Unit #67	E/2 24-32N-10W	SF-078504	8/23/94	Non-Commercial
36120B	San Juan 32-9 Unit #37A	E/2 32-32N-9W	E-3150-11-NM	5/14/96	Non-Commercial
36123B	San Juan 32-9 Unit #47A	W/2 4-31N-9W	NMSF-080133	5/21/96	Non-Commercial
69894B	San Juan 32-9 Unit #42A	E/2 6-31N-9W	SF-078509	8/26/96	Non-Commercial
69971B	San Juan 32-9 Unit #3	E/2 1-31N-10W	SF-078507	11/7/96	Commercial
69867B	San Juan 32-9 Unit #23A	W/2 5-31N-9W	NM-10305	9/29/97	Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,



Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
San Juan 32-9 Unit, 4.1
cc: Shannon Nichols

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Ashdla LLC

Bolack Minerals Company

Burlington Resources Oil & Gas Company

Conoco Inc.

Devon Energy Corporation

Four Star Oil & Gas Company

George W. Umbach

Hannett/Steele Partners

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

MP San Juan LP

Phillips Petroleum Company

Robert Umbach

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc.

Williams Production Company

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT # 107

WELL INFORMATION:

LOCATION	031N009W09L		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BLANCO PICTURED CLIFFS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	11/28/90		
COMP DATE	3/24/93		
FIRST GAS	3/24/93		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>		
SEVERANCE	NM	3.75	%	
SCHOOL	NM	4.00	%	
AD VALOREM	NM	0.92	%	
CONSERVATION	NM	0.18	%	
PROD. EQUIP.	NM	<u>0.17</u>	%	
TOTAL		9.02	%	

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	299.00	M
PAYOUT YEARS		1.89	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1993	9.39	0.06	0.00	1.62	0.00	1.62
1994	229.31	0.67	0.00	19.49	0.00	19.49
1995	97.78	0.51	0.00	19.49	0.00	19.49
1996	132.69	0.38	0.00	19.49	0.00	19.49
1997	162.90	0.29	0.00	19.49	0.00	19.49
1998	132.17	0.22	0.00	19.49	0.00	19.49
1999	89.77	0.17	0.00	19.49	0.00	19.49
2000	67.24	0.13	0.00	19.49	0.00	19.49
2001	51.01	0.10	0.00	19.49	0.00	19.49
2002	38.69	0.07	0.00	19.49	0.00	19.49
2003	29.35	0.06	0.00	19.49	0.00	19.49
2004	22.27	0.04	0.00	19.49	0.00	19.49
2005	16.89	0.03	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT

107

WELL INFORMATION:

LOCATION 031N009W09L
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 11/28/90
COMP DATE 3/24/93
FIRST GAS 3/24/93
COMM GWI 100.00 % MOI GWI 0.00 %
COMM NRI 87.50 % MOI NRI 0.00 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,148 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 299.00 M
PAYOUT YEARS 1.8

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.44	12/92
1.58	12/93
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM
Copyright 1998 Rockies

ID: R-410285-0 Original

Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 31N - 9W - 9 se nw sw

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : UNNAMED PC

Compl: 03/13/1992 D G GAS

=====
Well: SAN JUAN 32-9 UNIT #107

Last Info: 04/28/1992

Ftg: 1763 fsl 1134 fwl

Lat-Long by TDG: 36.910065 - 107.790207

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3674 Pictured Cliffs Permit #: 08/06/1990 API: 30-045-2809600

Elev: 6675KB

=====
Spud: 11/28/1990

TD: 3712 on 12/03/1990

Pictured Cliffs

PB: 3697

=====
Elev: 6675KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS

M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation Depth Elev T/S Formation Depth Elev T/S

Fruitland coal 3114 3561 L H Pictured Cliffs 3514 3161 L H

=====
DDC : 16 NE Aztec (miles from the nearest city)

Notes : (Operator chngd from Amoco Production Co)

Casing: 8 5/8 @ 265 w/190

4 1/2 @ 3707 w/1015

Core : None

DST : None

Logs : Halliburton Multiple Isotope Tracer Scan @ 3300-3658

Tubing: 2 3/8 @ 3552

Perfs : 3515-3592 (Pictured Cliffs)

w/8 SPF @ 3515-3543, 3578-3592 - frac w/4209 bbl 30# x-link borate gel

w/2% KCl 441,000# 20/40 sd

PZone : 3515-3592 (Pictured Cliffs)

gross interval

IP : F 1175 MCFGPD on 7/16 ck; no oil; 50 BWPD; SICP 390

Journl: 1/21/91 WO completion as of Dec 20; no further details available.

2/4/91 WO completion as of Jan 10; no further details available.

2/14/91 (operator chngd from Meridian Oil Inc) per sundry; WOCT.

3/11/91 WO completion as of Jan 10; no further details available.

4/5/91 WO completion as of Jan 10; no further details available.

5/10/91 WO completion as of Jan 10; no further details available.

6/12/91 WO completion as of Jan 10; no further details available.

7/9/91 WO completion as of Jan 10; no further details available.

1/14/92 logged Dec 30.

4/28/92 (operator chngd from Amoco Production Co) per sundry;

completed gas well; SI WOPL.

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT # 112

WELL INFORMATION:

LOCATION	031N009W09P
COUNTY	SAN JUAN
STATE	NM
FORMATION	BLANCO PICTURED CLIFFS
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	9/12/92
COMP DATE	10/28/92
FIRST GAS	8/17/93
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	0.00
MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.17 %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 299.00	M
PAYOUT YEARS	4.93	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1993	27.10	0.26	0.00	4.87	0.00	4.87
1994	51.63	0.89	0.00	19.49	0.00	19.49
1995	23.53	0.72	0.00	19.49	0.00	19.49
1996	92.42	0.58	0.00	19.49	0.00	19.49
1997	77.99	0.47	0.00	19.49	0.00	19.49
1998	63.70	0.38	0.00	19.49	0.00	19.49
1999	46.84	0.30	0.00	19.49	0.00	19.49
2000	37.76	0.25	0.00	19.49	0.00	19.49
2001	30.45	0.20	0.00	19.49	0.00	19.49
2002	24.55	0.16	0.00	19.49	0.00	19.49
2003	19.80	0.13	0.00	19.49	0.00	19.49
2004	15.96	0.10	0.00	19.49	0.00	19.49
2005	12.87	0.08	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET**

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT

112

WELL INFORMATION:

LOCATION 031N009W09P
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 9/12/92
COMP DATE 10/28/92
FIRST GAS 8/17/93
COMM GWI 100.00 % MOI GWI 0.00 %
COMM NRI 87.50 % MOI NRI 0.00 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,145 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 299.00 M
PAYOUT YEARS 4.9

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.44	12/92
1.58	12/93
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

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ID: R-410935-0 Original
Run Date: 9-Jun-98

State : New Mexico NM Merid 31N - 9W - 9 nw se se

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : UNNAMED PC

Compl: 10/28/1992 D G GAS

Well: SAN JUAN 32-9 UNIT #112

Last Info: 12/22/1992

Ftg: 1010 fsl 1115 fel

Lat-Long by TDG: 36.908051 - 107.779877

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3650 Pictured Cliffs Permit #:

06/28/1991 API: 30-045-2857300

Elev: 6609KB

Spud: 09/12/1992

Contr: Walters

Rig #: 5

TD: 3665 on 09/16/1992

Pictured Cliffs

Elev: 6609KB

FORMATION TOPS

(Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS

M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2120	4489	L H	Fruitland	3016	3593	L H
Kirtland	2143	4466	L H	Pictured Cliffs	3476	3133	L H

DDC : 9 NE Aztec (miles from the nearest city)

Notes :

Casing: 8 5/8 @ 226 w/220 CF

4 1/2 @ 3664 w/1781 CF

Core :

None

DST :

None

Logs : Schlumberger DIL ML LDT CNL Cyber coal

Tubing: 2 3/8 @ 3592

Perfs : 3488-3570 (Pictured Cliffs)

w/2 SPF @ 3488-3491, 3494-3502, 3504-3511, 3516-3523, 3526-3541,
3546-3552, 3556-3561, 3565-3570 - frac w/208,100# sd foam N2 gel

PZone : 3488-3570 (Pictured Cliffs)

gross interval

IP : CAOF 3313 MCFGPD

F 2194 MCFGPD on 3/4 ck; no oil; no wtr; SICP 500

LocCom: 11/6/91 still plan to drill.

7/10/92 permit extended to Dec 30 1992.

Journl: 9/16/92 rig rptd on site Sept 15.

9/21/92 WOCT.

10/6/92 WOCT.

10/26/92 completing.

11/4/92 WOPT, per operator.

12/8/92 completed gas well; SI WOPL.

12/22/92 completed gas well, details rptd.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT # 111

WELL INFORMATION:

LOCATION	031N009W08J
COUNTY	SAN JUAN
STATE	NM
FORMATION	BLANCO PICTURED CLIFFS
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	9/ 5/92
COMP DATE	9/27/92
FIRST GAS	8/17/93
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	0.00
MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 299.00	M
PAYOUT YEARS	1.70	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1993	45.73	0.04	0.00	3.25	0.00	3.25
1994	243.58	0.21	0.00	19.49	0.00	19.49
1995	30.94	0.18	0.00	19.49	0.00	19.49
1996	254.25	0.15	0.00	19.49	0.00	19.49
1997	208.24	0.13	0.00	19.49	0.00	19.49
1998	179.76	0.11	0.00	19.49	0.00	19.49
1999	154.86	0.09	0.00	19.49	0.00	19.49
2000	131.06	0.08	0.00	19.49	0.00	19.49
2001	110.91	0.07	0.00	19.49	0.00	19.49
2002	93.86	0.06	0.00	19.49	0.00	19.49
2003	79.43	0.05	0.00	19.49	0.00	19.49
2004	67.22	0.04	0.00	19.49	0.00	19.49
2005	56.89	0.03	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET**

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT

111

WELL INFORMATION:

LOCATION 031N009W08J
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 9/ 5/92
COMP DATE 9/27/92
FIRST GAS 8/17/93
COMM GWI 100.00 % MOI GWI 0.00 %
COMM NRI 87.50 % MOI NRI 0.00 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,172 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 299.00 M
PAYOUT YEARS 1.7

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.44	12/92
1.58	12/93
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

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ID: R-410904-0 Original
Run Date: 9-Jun-98

State : New Mexico NM Merid 31N - 9W - 8 ne sw se

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : UNNAMED PC

Compl: 09/27/1992 D G GAS

Well: SAN JUAN 32-9 UNIT #111

Last Info: 12/22/1992

Ftg: 1100 fsl 1460 fel

Lat-Long by TDG: 36.908264 - 107.799042

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3633 Pictured Cliffs Permit #:

05/20/1991 API: 30-045-2857200

Elev: 6643KB

Spud: 09/05/1992

Contr: Walters

Rig #: 5

TD: 3679 on 09/10/1992

Pictured Cliffs

Elev: 6643KB

FORMATION TOPS

(Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS

M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2022	4621	L H	Fruitland	3062	3581	L H
Kirtland	2091	4552	L H	Pictured Cliffs	3490	3153	L H

DDC : 8 NE Aztec (miles from the nearest city)

Notes :

Casing: 8 5/8 @ 222 w/248 CF

5 1/2 @ 3460 w/1693 CF

4 lnr @ 3308-3679 w/47 CF

Core :

None

DST :

None

Logs : Schlumberger GR

Great Guns ENP DENS DIND

Tubing: 2 3/8 @ 3571

Perfs : 3492-3562 (Pictured Cliffs)

w/2 SPF @ 3492-3524, 3550-3562 - frac w/164,920# 20/40 sd 103,146 gal fluid

PZone : 3492-3562 (Pictured Cliffs)

gross interval

IP : CAOF 7561 MCFGPD

F 2463 MCFGPD on 3/4 ck; no oil; no wtr; SICP 460

LocCom: 11/6/91 still plan to drill.

7/10/92 permit extended to Jan 30 1993.

Journl: 9/8/92 drlg ahead.

9/16/92 completing.

9/21/92 WOPT.

10/1/92 WOPT.

10/19/92 WOPT.

12/8/92 completed gas well; SI WOPL.

12/22/92 completed gas well, details rptd.

6/18/98

PRODUCTION TAXES:

WELL COST DATA:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1995	116.34	0.10	0.00	16.24	0.00	16.24
1996	60.61	0.08	0.00	19.49	0.00	19.49
1997	39.11	0.06	0.00	19.49	0.00	19.49
1998	87.27	0.05	0.00	19.49	0.00	19.49
1999	52.80	0.05	0.00	19.49	0.00	19.49
2000	48.62	0.04	0.00	19.49	0.00	19.49
2001	45.41	0.04	0.00	19.49	0.00	19.49
2002	42.83	0.04	0.00	19.49	0.00	19.49
2003	40.70	0.04	0.00	19.49	0.00	19.49
2004	38.90	0.04	0.00	19.49	0.00	19.49
2005	37.35	0.03	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT

115

WELL INFORMATION:

LOCATION 031N010W01L
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 6/23/94
COMP DATE 7/11/94
FIRST GAS 10/ 4/94
COMM GWI 100.00 % MOI GWI 50.00 %
COMM NRI 87.50 % MOI NRI 42.25 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,139 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 299.00 M
PAYOUT YEARS 3.7

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

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ID: R-176191-0 Original
Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 31N - 10W - 1 se nw sw

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : BLANCO PC

Compl: 08/01/1994 D G GAS

=====
Well: SAN JUAN 32-9 UNIT #115

Last Info: 05/10/1995

Ftg: 1640 fsl 975 fwl

Lat-Long by TDG: 36.923965 - 107.839600

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3700 Pictured Cliffs Permit #: 05/02/1994 API: 30-045-2915200

Elev: 6590KB

=====
Spud: 06/23/1994

TD: 3700 on 06/27/1994

=====
Casing: 8 5/8 @ 220 w/418

4 1/2 @ 3700 w/1426

Mud : 8.8# @ 3700

Logs : 06/27/94 Atlas ML GR CAL ZDL CNL GR @ 3682, DIL GR @ 212-3683.

07/06/94 Basin GR @ 50-3639.

Perfs : 3392-3552 (Pictured Cliffs)

- no treatment rptd

PZone : 3392-3552 (Pictured Cliffs)

IP : (Pictured Cliffs 3392-3552) F 1971 MCFGPD on 3/4 ck

Journl: 7/13/94 prod csg set June 28.

8/14/94 added log details.

9/7/94 completed gas well.

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT # 41A

WELL INFORMATION:

LOCATION	032N009W31P
COUNTY	SAN JUAN
STATE	NM
FORMATION	BLANCO PICTURED CLIFFS
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	6/27/94
COMP DATE	7/28/94
FIRST GAS	12/ 1/94
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	50.00
MOI NRI	42.25

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.17	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 299.00	M
PAYOUT YEARS	3.40	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1995	73.49	0.26	0.00	12.99	0.00	12.99
1996	92.90	0.24	0.00	19.49	0.00	19.49
1997	63.71	0.13	0.00	19.49	0.00	19.49
1998	77.75	0.08	0.00	19.49	0.00	19.49
1999	38.50	0.07	0.00	19.49	0.00	19.49
2000	36.96	0.07	0.00	19.49	0.00	19.49
2001	35.48	0.06	0.00	19.49	0.00	19.49
2002	34.06	0.06	0.00	19.49	0.00	19.49
2003	32.70	0.06	0.00	19.49	0.00	19.49
2004	31.39	0.06	0.00	19.49	0.00	19.49
2005	30.13	0.05	0.00	19.49	0.00	19.49

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT

41A

WELL INFORMATION:

LOCATION	032N009W31P
COUNTY	SAN JUAN
STATE	NM
FORMATION	BLANCO PICTURED CLIFFS (GAS
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	6/27/94
COMP DATE	7/28/94
FIRST GAS	12/ 1/94
COMM GWI	100.00 % MOI GWI 50.00 %
COMM NRI	87.50 % MOI NRI 42.25 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,148 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	299.00	M
PAYOUT YEARS		3.4	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-176581-0 Original
Copyright 1998 Rockies Run Date: 9-Jun-98
=====

State : New Mexico NM Merid 32N - 9W - 31 nw se se

County: SAN JUAN Oper: MERIDIAN OIL INC

Field : BLANCO MV PC Compl: 08/03/1994 D G GAS

Well: SAN JUAN 32-9 UNIT #41A Last Info: 10/03/1994

Ftg: 815 fsl 1120 fel

Lat-Long by TDG: 36.936295 - 107.815247

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 6250 Mesaverde Permit #: 05/24/1994 API: 30-045-2912900

Elev: 6772KB

Spud: 06/27/1994

TD: 6250 on 07/18/1994

PB: 6204

Notes :

Casing: 9 5/8 @ 225 w/189

7 @ 4019 w/1180

4 1/2 @ 6250 w/489

Mud : 8.8# @ 4017

Logs : 07/03/94 Atlas ZDL CPNL GR CAL @ 2000-4014.

07/09/94 Atlas ZDL CPNL GR CAL @ 4013-6240.

07/18/94 Bluejet RA Tracer @ 3500-3804.

Perfs : 5166-6224 (Mesaverde)

- no treatment rptd

3611-3717 (Pictured Cliffs)

- no treatment rptd

PZone :

(DUAL)

3611-3717 (Pictured Cliffs)

5166-6224 (Mesaverde)

IP : (Pictured Cliffs 3611-3717) 3 hr test: -- F 659 MCFG on 3/4 ck; SICP
479

(Mesaverde 5166-6224) 3 hr test: -- F 1639 MCFG on 3/4 ck; SITP 367

Journl: 7/13/94 surf csg set June 27.

8/14/94 added log details.

8/24/94 intermed csg set July 5.

9/7/94 completed gas well, SI.

10/3/94 added log details.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT # 67

WELL INFORMATION:

LOCATION	032N010W24B		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BLANCO PICTURED CLIFFS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	4/ 3/59		
COMP DATE	8/23/94		
FIRST GAS	10/ 6/94		
COMM GWI	100.00	MOI GWI	50.00
COMM NRI	87.50	MOI NRI	42.25

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 299.00	M
PAYOUT YEARS	9.33	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1995	35.74	0.13	0.00	17.86	0.00	17.86
1996	24.66	0.10	0.00	19.49	0.00	19.49
1997	15.52	0.08	0.00	19.49	0.00	19.49
1998	9.22	0.07	0.00	19.49	0.00	19.49
1999	13.67	0.06	0.00	19.49	0.00	19.49
2000	12.57	0.06	0.00	19.49	0.00	19.49
2001	11.72	0.05	0.00	19.49	0.00	19.49
2002	11.04	0.05	0.00	19.49	0.00	19.49
2003	10.47	0.05	0.00	19.49	0.00	19.49
2004	3.38	0.02	0.00	6.50	0.00	6.50

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT

67

WELL INFORMATION:

LOCATION 032N010W24B
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 4/ 3/59
COMP DATE 8/23/94
FIRST GAS 10/ 6/94
COMM GWI 100.00 % MOI GWI 50.00 %
COMM NRI 87.50 % MOI NRI 42.25 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,151 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 299.00 M
PAYOUT YEARS 9.3

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM
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ID: R-965137-1 Recomplete
Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 32N - 10W - 24 se nw ne

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : UNNAMED PC

Compl: 08/30/1994 D G GAS

=====
Well: SAN JUAN 32-9 UNIT #67

Last Info: 11/28/1994

Ftg: 1090 fnl 1630 fel

Lat-Long by TDG: 36.973969 - 107.831589

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: Pictured Cliffs Permit #: 05/12/1994 API: 30-045-1137600

Elev: 6815GR

=====
Spud:

TD: 3888

PB: 3860

=====
Notes :

Logs : 08/22/94 Petro GR @ 3400-3848.

Tubing: 2 3/8 @ 3701

Perfs : 3612-3770 (Pictured Cliffs)

- frac w/155000# 20/40 Ariz sd 16960 gal 30# x-link gel 599000 N2

PZone : 3612-3770 (Pictured Cliffs)

IP : (Pictured Cliffs 3612-3770) CAOF 3257 MCFGPD -- F SITP 824, SICP 826,
SLOPE 0.850 One Point: 2709 MCFGPD in 60 min, FTP 282

Journl: 9/13/94 added log details.

9/21/94 recompleted gas well.

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT # 37A

WELL INFORMATION:

LOCATION	032N009W32J		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BLANCO PICTURED CLIFFS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	3/10/96		
COMP DATE	5/14/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	87.50
COMM NRI	87.50	MOI NRI	73.44

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	212.00	M
PAYOUT YEARS		2.92	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1997	23.54	0.00	0.00	16.24	0.00	16.24
1998	12.64	0.00	0.00	19.49	0.00	19.49
1999	12.14	0.00	0.00	17.86	0.00	17.86

**BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET**

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT

37A

WELL INFORMATION:

LOCATION 032N009W32J
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 3/10/96
COMP DATE 5/14/96
FIRST GAS
COMM GWI 100.00 % MOI GWI 87.50 %
COMM NRI 87.50 % MOI NRI 73.44 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

988 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 212.00 M
PAYOUT YEARS 2.9

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM
Copyright 1998 Rockies

ID: R-182517-0 Original
Run Date: 9-Jun-98

=====

State : New Mexico NM Merid 32N - 9W - 32 se nw se

County: SAN JUAN Oper: MERIDIAN OIL INC

Field : BLANCO MV/PC Compl: 05/14/1996 D G GAS

=====

Well: SAN JUAN 32-9 UNIT #37A Last Info: 02/06/1997

Ftg: 1625 fsl 1490 fel

Lat-Long by TDG: 0.000000 - 0.000000

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 6325 Mesaverde Permit #: 11/29/1995 API: 30-045-2931100

Elev: 6765KB

=====

Spud: 03/10/1996 Contr: Walters Rig #: 5

TD: 6379 on 03/19/1996

=====

Elev: 6765KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS

M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2110	4655	L H	Huerfanito bent	4332	2433	L H
Kirtland	2150	4615	L H	Cliff House	5185	1580	L H
Fruitland	3212	3553	L H	Menefee	5582	1183	L H
Pictured Cliffs	3600	3165	L H	Point Lookout	5892	873	L H
Lewis	3934	2831	L H				

=====

Casing: 9 5/8 @ 245 w/180

7 @ 3878 w/699

4 1/2 @ 3690-6378 w/303

Mud : 8.9# @ 3884

wtr base chem gel

@ 6379

air drld from 3850-6379

Core : None

DST : None rptd

Logs : 03/14/96 Schlumberger AIT GR @ 250-3859, NPL LDT GR @ 1700-3829.

03/19/96 Schlumberger NPL LDT GST @ 3850-6329, AIT GST @ 3872-6363,

TEMP GST @ 3872-6338.

Tubing: 2 3/8 @ 6138

Perfs : 5793-6157 (Mesaverde)

@ 5793, 5797, 5801, 5819, 5837, 5859, 5897, 5900, 5905, 5912, 5921,

5925, 5929, 5937, 5947, 5952, 5958, 5973, 5984, 6023, 6033, 6053,

6062, 6098, 6114, 6125, 6135, 6147, 6157 - frac w/110000# sd 1632 bbl

gel

5194-5706 (Mesaverde)

@ 5194, 5196, 5198, 5304, 5308, 5525, 5530, 5536, 5542, 5550, 5553,

5560, 5563, 5620, 5653, 5683, 5687, 5691, 5706 - frac w/85000# sd 1139

bbl gel

4504-4650 (Mesaverde)

@ 4504, 4516, 4520, 4523, 4540, 4550, 4553, 4556, 4560, 4564, 4574,

4582, 4604, 4610, 4614, 4618, 4622, 4626, 4634, 4640, 4650 - frac

w/80000# sd 443 bbl gel

3614-3725 (Pictured Cliffs)

@ 3614, 3617, 3619, 3621, 3624, 3637, 3642, 3646, 3651, 3660, 3664,

Page: 1

Continued

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT # 47A

WELL INFORMATION:

LOCATION	031N009W04E
COUNTY	SAN JUAN
STATE	NM
FORMATION	BLANCO PICTURED CLIFFS
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	3/20/96
COMP DATE	5/21/96
FIRST GAS	
COMM GWI	100.00 MOI GWI 76.27
COMM NRI	87.50 MOI NRI 64.17

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	212.00	M
PAYOUT YEARS		0.83	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
<u>YEAR</u>	<u>GAS</u> <u>(MMCF)</u>	<u>OIL</u> <u>(MBO)</u>	<u>WATER</u> <u>(MBW)</u>	<u>BASE</u> <u>(M\$)</u>	<u>WATER</u> <u>(M\$)</u>	<u>TOTAL</u> <u>(M\$)</u>
1997	13.01	0.00	0.00	12.99	0.00	12.99

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT

47A

WELL INFORMATION:

LOCATION 031N009W04E
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 3/20/96
COMP DATE 5/21/96
FIRST GAS
COMM GWI 100.00 % MOI GWI 76.27 %
COMM NRI 87.50 % MOI NRI 64.17 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,122 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 212.00 M
PAYOUT YEARS 0.8

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Page: 1

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT # 42A

WELL INFORMATION:

LOCATION	031N009W06O
COUNTY	SAN JUAN
STATE	NM
FORMATION	BLANCO PICTURED CLIFFS
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	7/21/79
COMP DATE	
FIRST GAS	
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	56.24
MOI NRI	47.90

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF	REVENUE
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.17	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 212.00	M
PAYOUT YEARS	0.08	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1997	1.66	0.00	0.00	1.62	0.00	1.62

**BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET**

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT

42A

WELL INFORMATION:

LOCATION 031N009W06O
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 7/21/79
COMP DATE
FIRST GAS
COMM GWI 100.00 % MOI GWI 56.24 %
COMM NRI 87.50 % MOI NRI 47.90 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,167 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 212.00 M
PAYOUT YEARS 0.0

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-400643-1 Recomplete
Copyright 1998 Rockies Run Date: 9-Jun-98
=====

State : New Mexico NM Merid 31N - 9W - 6 ne sw se
.....

County: SAN JUAN Oper: MERIDIAN OIL INC

Field : BLANCO PC/BLANCO MV Compl: 08/26/1996 D G GAS
=====

Well: SAN JUAN 32-9 UNIT #42A Last Info: 11/18/1996
Ftg: 840 fsl 1460 fel
Lat-Long by TDG: 36.921951 - 107.816513
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: Pictured Cliffs Permit #: 07/11/1996 API: 30-045-2331300
Elev: 6610KB
=====

Spud: 08/16/1996
TD: 6169
=====

Notes : (No IP available)
Tubing: 2 3/8 @ 3543
Perfs :
- CIBP @ 4100
3435-3530 (Pictured Cliffs)
w/21 holes total @ 3435, 3440, 3446, 3448, 3450, 3454, 3458, 3460,
3464, 3468, 3473, 3477, 3483, 3492, 3495, 3500, 3502, 3504, 3515,
3521, 3530 - frac w/500 bbl 30# linear gel 100000# 20/40 Arizona sd
706000 SCF N2
PZone : 3435-3530 (Pictured Cliffs)
gross interval
IP : (Pictured Cliffs 3435-3530) 217 MCFGPD; SICP 560
Journl: 9/11/96 recompleted gas well.

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT # 23A

WELL INFORMATION:

LOCATION	031N009W05F		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BLANCO PICTURED CLIFFS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	7/ 8/79		
COMP DATE	9/29/97		
FIRST GAS	10/ 1/97		
COMM GWI	100.00	MOI GWI	68.70
COMM NRI	87.50	MOI NRI	59.18

PRODUCTION TAXES:

TAXES FOR	1995	<u>GAS % OF</u>	
		<u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	212.00	M
PAYOUT YEARS		1.85	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
	GAS	OIL	WATER	BASE	WATER	TOTAL
<u>YEAR</u>	<u>(MMCF)</u>	<u>(MBO)</u>	<u>(MBW)</u>	<u>(M\$)</u>	<u>(M\$)</u>	<u>(M\$)</u>
1998	73.99	0.00	0.00	19.49	0.00	19.49
1999	70.64	0.00	0.00	19.49	0.00	19.49
2000	66.13	0.00	0.00	19.49	0.00	19.49
2001	61.90	0.00	0.00	19.49	0.00	19.49
2002	57.94	0.00	0.00	19.49	0.00	19.49
2003	54.23	0.00	0.00	19.49	0.00	19.49
2004	50.77	0.00	0.00	19.49	0.00	19.49
2005	47.52	0.00	0.00	19.49	0.00	19.49

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/19/98

FOR LEASE: SAN JUAN 32-9 UNIT

23A

WELL INFORMATION:

LOCATION 031N009W05F
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 7/ 8/79
COMP DATE 9/29/97
FIRST GAS 10/ 1/97
COMM GWI 100.00 % MOI GWI 68.70 %
COMM NRI 87.50 % MOI NRI 59.18 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,135 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 212.00 M
PAYOUT YEARS 1.8

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
2.03	12/97
2.03	TO LIFE

Dwights Discover CD-ROM
Copyright 1998 Rockies

ID: R-400796-1 Recomplete
Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 31N - 9W - 5 nw se nw

County: SAN JUAN

Oper: BURLINGTON RES O&G CO

Field : BLANCO PC

Compl: 09/29/1997 D G GAS

=====
Well: SAN JUAN 32-9 UNIT #23A

Last Info: 10/23/1997

Ftg: 1600 fnl 1490 fwl

Lat-Long by TDG: 36.929672 - 107.806519

Oper Address: PO Box 4289, Farmington NM 87499 - 505/326-9700

Obj: 3550 Pictured Cliffs Permit #:

05/01/1997 API: 30-045-2338200

Elev: 6809GR

=====
Spud: 09/18/1997

TD: 6394

PB: 6377

=====
Notes : (Plan to commingle w/original Mesaverde production)

Perfs : 3667-3723 (Pictured Cliffs)

@ 3667, 3669, 3673, 3676, 3679, 3682, 3685, 3689, 3692, 3694, 3699,
3702, 3705, 3707, 3709, 3712, 3718, 3723 - frac w/425 bbl 25# linear
gel 139000# 20/40 Arizona sd 540000 SCF N2

PZone :

(COMMINGLED)

3667-3723 (Pictured Cliffs)

gross interval

IP : (Pictured Cliffs 3667-3723) F 900 MCFGPD; SITP 362, SICP 367

Journl: 10/22/97 recompleted gas well.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT # 106

WELL INFORMATION:

LOCATION	031N009W17I		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BLANCO PICTURED CLIFFS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	12/10/91		
COMP DATE	12/30/91		
FIRST GAS	3/24/93		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>		
SEVERANCE	NM	3.75	%	
SCHOOL	NM	4.00	%	
AD VALOREM	NM	0.92	%	
CONSERVATION	NM	0.18	%	
PROD. EQUIP.	NM	<u>0.17</u>	%	
TOTAL		9.02	%	

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	299.00	M
PAYOUT YEARS		1.97	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1993	221.45	0.17	0.00	16.24	0.00	16.24
1994	144.75	0.17	0.00	19.49	0.00	19.49
1995	64.63	0.14	0.00	19.49	0.00	19.49
1996	177.92	0.11	0.00	19.49	0.00	19.49
1997	160.84	0.09	0.00	19.49	0.00	19.49
1998	112.23	0.08	0.00	19.49	0.00	19.49
1999	84.95	0.06	0.00	19.49	0.00	19.49
2000	69.14	0.05	0.00	19.49	0.00	19.49
2001	56.27	0.04	0.00	19.49	0.00	19.49
2002	45.79	0.03	0.00	19.49	0.00	19.49
2003	37.27	0.03	0.00	19.49	0.00	19.49
2004	30.33	0.02	0.00	19.49	0.00	19.49
2005	24.68	0.02	0.00	19.49	0.00	19.49

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/16/98

FOR LEASE: SAN JUAN 32-9 UNIT

106

WELL INFORMATION:

LOCATION 031N009W17I
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (GAS
OPERATOR BURLINGTON RESOURCES
SPUD DATE 12/10/91
COMP DATE 12/30/91
FIRST GAS 3/24/93
COMM GWI 100.00 % MOI GWI 0.00 %
COMM NRI 87.50 % MOI NRI 0.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

AVERAGE HEAT CONTENT

1,153 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 299.00 M
PAYOUT YEARS 1.9

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.44	12/92
1.58	12/93
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-410233-0 Original
Copyright 1998 Rockies Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 31N - 9W - 17 sw ne se

County: SAN JUAN Oper: MERIDIAN OIL INC

Field : UNNAMED PC Compl: 12/30/1991 D G GAS

=====
Well: SAN JUAN 32-9 UNIT #106 Last Info: 04/23/1992

Ftg: 1765 fsl 935 fel

Lat-Long by TDG: 36.895584 - 107.797134

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3449 Pictured Cliffs Permit #: 08/02/1990 API: 30-045-2809500

Elev: 6547KB

=====
Spud: 12/10/1990

TD: 3627 on 12/15/1990 Pictured Cliffs PB: 3610

=====
Elev: 6547KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Fruitland coal	2994	3553	L H	Pictured Cliffs	3396	3151	L H

=====
DDC : 14 N Aztec (miles from the nearest city)

Notes : (Operator chngd from Meridian Oil Inc)

(Operator chngd from Amoco Production Co)

Casing: 8 5/8 @ 296 w/250

4 1/2 @ 3619 w/825

Core : None

DST : None

Logs : Schlumberger DIL-SFL @ 296-3624

FDC CNT MSCT

Tubing: 2 3/8 @ 3419

Perfs : 3398-3450 (Pictured Cliffs)
w/4 SPF @ 3398-3420, 3434-3450 - frac w/728 bbl slk wtr 192,000# 20/40
sd

PZone : 3398-3450 (Pictured Cliffs)
gross interval

IP : F 1090 MCFGPD on 5/16 ck; no oil; no wtr; SICP 485

Journl: 1/11/91 logged Dec 14, no further details available.

1/21/91 WO completion as of Dec 20; no further details available.

2/4/91 WO completion as of Jan 10; no further details available.

2/13/91 (operator chngd from Meridian Oil Inc) per sundry; WO
completion as of Jan 10; no further details available.

3/11/91 WO completion as of Jan 10; no further details available.

4/5/91 WO completion as of Jan 10; no further details available.

5/10/91 WO completion as of Jan 10; no further details available.

6/12/91 WO completion as of Jan 10; no further details available.

7/9/91 WO completion as of Jan 10; no further details available.

4/23/92 (operator chngd from Amoco Production Co) per sundry;
completed gas well; WOPL.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/22/98

FOR LEASE: SAN JUAN 32-9 UNIT # 3

WELL INFORMATION:

LOCATION	031N010W01A		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BLANCO PICTURED CLIFFS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	4/24/53		
COMP DATE	10/22/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	50.00
COMM NRI	87.50	MOI NRI	42.25

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	212.00	M
PAYOUT YEARS		1.07	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1997	142.74	0.00	0.00	19.49	0.00	19.49
1998	190.48	0.00	0.00	19.49	0.00	19.49
1999	165.98	0.00	0.00	19.49	0.00	19.49
2000	141.08	0.00	0.00	19.49	0.00	19.49
2001	119.92	0.00	0.00	19.49	0.00	19.49
2002	101.93	0.00	0.00	19.49	0.00	19.49
2003	86.64	0.00	0.00	19.49	0.00	19.49
2004	73.65	0.00	0.00	19.49	0.00	19.49
2005	62.60	0.00	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/22/98

FOR LEASE: SAN JUAN 32-9 UNIT

3

WELL INFORMATION:

LOCATION 031N010W01A
COUNTY SAN JUAN
STATE NM
FORMATION BLANCO PICTURED CLIFFS (PRO
OPERATOR BURLINGTON RESOURCES
SPUD DATE 4/24/53
COMP DATE 10/22/96
FIRST GAS
COMM GWI 100.00 % MOI GWI 50.00 %
COMM NRI 87.50 % MOI NRI 42.25 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,156 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST \$ 212.00 M
PAYOUT YEARS 1.0

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports of Wells 06 Well #2 PH 2:24

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1190'FNL, 820'FEL, Sec.1, T-31-N, R-10-W, NMPM

DHC-1389

070 FARMINGTON, NM.

Lease Number
SF-078507

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit
8. Well Name & Number
San Juan 32-9 U #3

9. API Well No.
30-045-11083

10. Field and Pool
Blanco Pictured Cliffs
Blanco Mesaverde

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☐ Other - Mesaverde pay add and restimulation
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

10-22-96 MIRU. ND WH. NU BOP. TOOH w/2 3/8" tbg. TIH w/4 1/2" csg scraper to 6214'. TOOH. TIH w/RBP, set @ 5380'. TOOH.
10-23-96 Load hole w/2% Kcl wtr. TIH w/pkr, set @ 63'. PT csg to 3800 psi/15 min, OK. TOOH w/pkr. TIH w/retrieving tool, latch RBP @ 5380', TOOH. TIH w/cmt retainer, set @ 5767'. Establish injection. Pump 200 sx Class "B" cmt Class "B" cmt w/0.3% fluid loss, 3.5 pps Gilsonite. Displace w/22 bbl wtr. TOOH. WOC.
10-24-96 TIH, tag TOC @ 5720'. Drill cmt @ 5720-5767'. Drill out cmt retainer @ 5767' Drill cmt @ 5767-5910'. Circ hole clean to PBTD @ 6214'. TOOH. Perf Point Lookout w/1 SPF @ 5811, 5819, 5831, 5847, 5860, 5868, 5874, 5883, 5895, 5908, 5923, 5936, 5947, 5962, 5984, 6002, 6013, 6027, 6054, 6067, 6104, 6111 w/22 holes total. TIH w/4 1/2" pkrs, set @ 5370 & 5480'. TOOH.
10-25-96 Frac Point Lookout w/110,000# 20/40 Arizona sd, 602 bbl 30# linear gel, 1,055,233 SCF N2. CO after frac. TIH w/retrieving tool, latch pkrs, TOOH. TIH w/CIBP, set @ 5800'. Perf Menefee w/1 SPF @ 5548, 5552, 5556, 5577, 5583, 5638, 5668, 5671, 5679, 5687, 5693, 5699, 5703, 5713, 5719, 5724, 5727, 5742, 5744, 5747, 5759, 5763, 5771 w/24 holes total. TIH w/pkr, set @ 5791' PT CIBP to 3800 psi, OK. Reset pkr @ 5475'. Acidize w/1500 gal 15% HCL. TOO w/pkr. TOOH.

Continued on back *A Completion Report*

14. I hereby certify that the foregoing is true and correct. *is required for the PC.*

Signed *[Signature]*

Title Regulatory Administrator

(This space for Federal or State Office use)

APPROVED BY

Title

Date

NOV 14 1996

CONDITION OF APPROVAL, if any:

ERATOR

FARMINGTON DISTRICT OFFICE

10-26-96 Frac w/10,000# sd. Flush w/wtr. TIH w/pkr & retrieving tool. Load annulus. PT csg to 1000 psi/15 min, OK. TOOH w/pkrs. TIH w/pkrs, set @ 5370' & 5480'. TOOH. TIH, frac Menefee w/105,000# 20/40 Arizona sd, 2876 bbl slk wtr. TOOH. TIH w/retrieving tool. Latch pkrs.

10-27-96 TOOH w/pkrs. TIH w/CIBP, set @ 5300'. Load hole w/wtr. ND BOP. TIH w/4 1/2" csg spear. Latch 4 1/2" csg. ND BOP. Back off 4 1/2" csg @ 3606'. TIH, ran CBL-CCL-GR @ 0-3606', cmt interval @ 300-220'. TOOH. TIH, perf 2 sqz holes @ 3600'. TIH w/FB pkr, set @ 3437'. Load annulus w/2% Kcl wtr.

10-28-96 Pump 500 sx Class "B" cmt w/0.3% fluid loss. Displace w/16.5 bbl wtr. Sqz to 500 psi. WOC. TIH, tag TOC @ 3556'. Drill cmt @ 3556-3606'. Circ hole clean. TOOH.

10-29-96 TIH, ran CBL-CCL-GR @ 3300-3573', TOC @ 3506' w/80% stringer @ 3332-3350'. TOOH. TIH, circ hole clean. TOOH. TIH, ran GR-CCL to 3579'. TOOH. TIH, drill out cmt @ 3576-3606'. TOOH. TIH, drill out 8' cmt in top of lnr. Circ top of lnr clean. TOOH. TIH w/CIBP, set @ 5300'. Perf Pictured Cliffs w/1 SPF @ 3545, 3550, 3555, 3558, 3561, 3564, 3567, 3570, 3573, 3576, 3579, 3582, 3585, 3588, 3591, 3594, 3597, 3599' w/18 holes total. TOOH. TIH w/4 1/2" pkr, set @ 3691'. PT CIBP @ 5300 to 3800 psi/15 min, OK. TOOH w/pkr. TIH w/7" FB pkr, set @ 3433'.

10-30-96 SD, WO frac crew.

10-31-96 Acidize w/1500 gal 15% Hcl. Pressure annulus to 1000 psi. Frac Pictured Cliffs w/87,000# 20/40 Arizona sd, 405 bbl 30# linear gel, 422,500 SCF N2. CO after frac.

11-1-96 Blow well & CO.

11-2-96 Release pkr, TOOH. TIH to lnr top @ 3606'. Blow well & CO.

11-3-96 CO to CIBP @ 5300'. Drill up CIBP, blow well & CO. Push CIBP to 5800'. Blow well & CO. Drill up CIBP @ 5800'. Blow well & CO.

11-4/5-96 Blow well & CO.

11-6-96 TOOH. TIH w/4 1/2" RBP, set @ 3690'. Blow well & CO. TOOH. TIH w/116 jts 2 3/8" 4.7# J-55 tbg, landed @ 3601'. ND WH. NU BOP. Blow well & CO.

11-7-96 RD. Rig released.

Mesaverde is temporarily abandoned with retrievable bridge plug set @ 3690'. Well will produce as a single Pictured Cliffs at this time.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 32-9 Unit

8. FARM OR LEASE NAME, WELL NO.

San Juan 32-9 U #3

9. API WELL NO.

30-045-11083

10. FIELD AND POOL, OR WILDCAT

Blanco PC/Blanco MV

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 1, T-31-N, R-10-W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. REMV. ☒Other ☐

2. NAME OF OPERATOR

Burlington Resources Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1190' FNL, 820' FEL

At top prod. interval reported below

At total depth

DHC-1389

14. PERMIT NO.

DATE ISSUED

15. DATE STUDDER 4-24-53 16. DATE T.D. REACHED 5-23-53 17. DATE COMPL. (Ready to prod.) 11-7-96 18. ELEVATIONS (OF. RKB, RT. GR, ETC.)* 6694 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6251 21. PLUG BACK T.D., MD & TVD 6214 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS 0-6251 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3545-3599 Pictured Cliffs

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL-CCL-GR

27. WAS WELL CORED

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10 3/4	40.5#	227		115 SX	
7	23#	5260		210 SX	
4 1/2	10.5#	6251		125 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	3601	CIBP@ 3690

31. PERFORATION RECORD (Interval, size and number)

3545, 3550, 3555, 3558, 3561, 3564, 3567, 3570, 3573, 3576, 3579, 3582, 3582, 3585, 3588, 3591, 3594, 3597, 3599

see back for squeezes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3545-3599	87,000# 20/40 Ariz sd
	405 bbl 30# linear gel
	422,500 SCF N2

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-7-96		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11-7-96			→		646 Pitot Gauge		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	(ON OIL—BSL. CORR.)	
SI 425	SI 565	→				ACCEPTED FOR RECORD	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

NOV 18 1996

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined by me or a duly authorized representative.

SIGNED

TITLE Regulatory Administrator DATE 11-13-96

*(See Instructions and Spaces for Additional Data on Reverse Side)

BURLINGTON RESOURCES

SAN JUAN DIVISION

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

June 24, 1998

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

RE: San Juan 32-9 Unit (#14-08-001-569)
Commercial Determinations
Fruitland Coal Formation
San Juan County, New Mexico

Gentlemen:

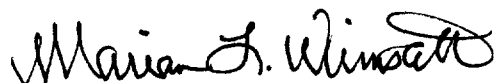
Pursuant to the provisions of Section 11(a) of the San Juan 32-9 Unit Agreement, #14-08-001-569, approved, June 26, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that some of the wells listed below are capable of producing unitized substances in paying quantities from the Fruitland Coal formation. Burlington is seeking confirmation of the paying well determinations enclosed. The San Juan 32-9 Unit #209, #228 and #270 were all previously deemed non-commercial by the BLM on September 18, 1993. Burlington has installed a plunger lift on the #209 and recavitated the #228 and #270 wells which has increased the production, please re-evaluate the commerciality status of these wells, Burlington believes these wells are now commercial. The effective dates of the work-overs will determine the effective dates of the expansions when they are prepared to submit.

<u>BR's</u> <u>DP No.</u>	<u>Well Name</u> <u>& Number</u>	<u>Well</u> <u>Dedication</u>	<u>Dedicated</u> <u>Lease</u>	<u>Completion</u> <u>or re-work</u>	<u>Commerciality</u> <u>Determination</u>
4573A	San Juan 32-9 Unit #228	E/2 36-32N-9W	E-3150-11 NM	1/21/94	Commercial
5025A	San Juan 32-9 Unit #270	E/2 18-32N-9W	USA SF-078513	12/18/95	Commercial
6735A	San Juan 32-9 Unit #217	E/2 16-32N-9W	E-5382 NM	9/27/91	Non-Commercial
20799A	San Juan 32-9 Unit #276	W/2 27-32N-9W	USA SF-079099-A	10/2/91	Commercial
30730A	San Juan 32-9 Unit #223	W/2 12-31N-10W	NMSF-078389-A	2/10/93	Commercial
4570A	San Juan 32-9 Unit #209	E/2 2-31N-10W	B-11133-38 NM	12/95	Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,



Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
San Juan 32-9 Unit, 4.5
cc: Shannon Nichols

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Ashdla LLC

Bolack Minerals Company

Burlington Resources Oil & Gas Company

Conoco Inc.

Devon Energy Corporation

Four Star Oil & Gas Company

George W. Umbach

Hannett/Steele Partners

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

MP San Juan LP

Phillips Petroleum Company

Robert Umbach

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc.

Williams Production Company

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/22/98

FOR LEASE: SAN JUAN 32-9 UNIT # 228

WELL INFORMATION:

LOCATION	032N009W36G
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	3/25/90
COMP DATE	4/ 9/90
FIRST GAS	12/ 2/92
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	0.00
MOI NRI	64.38

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.17 %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 176.00	M
PAYOUT YEARS	1.18	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1994	186.82	0.00	2.40	19.49	0.00	19.49
1995	427.87	0.00	44.94	19.49	0.00	19.49
1996	608.62	0.00	68.91	19.49	0.00	19.49
1997	1,100.31	0.00	78.07	19.49	0.00	19.49
1998	1,363.44	0.00	46.05	19.49	0.00	19.49
1999	1,206.07	0.00	16.82	19.49	0.00	19.49
2000	1,061.34	0.00	6.87	19.49	0.00	19.49
2001	933.98	0.00	2.81	19.49	0.00	19.49
2002	821.90	0.00	1.15	19.49	0.00	19.49
2003	723.28	0.00	0.47	19.49	0.00	19.49
2004	636.48	0.00	0.19	19.49	0.00	19.49
2005	560.10	0.00	0.08	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/22/98

FOR LEASE: SAN JUAN 32-9 UNIT

228

WELL INFORMATION:

LOCATION	032N009W36G
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	3/25/90
COMP DATE	4/ 9/90
FIRST GAS	12/ 2/92
COMM GWI	100.00 %
COMM NRI	87.50 %
MOI GWI	0.00 %
MOI NRI	64.38 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

904 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	176.00	M
PAYOUT YEARS		1.1	

AVERAGE PRODUCT PRICING

PRICE/GAS \$/ MCF	YEAR
1.17	12/94
0.73	12/95
1.18	12/96
1.79	TO LIFE

Dwights Discover CD-ROM
Copyright 1998 Rockies

ID: R-409368-0 Original
Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 32N - 9W - 36 ne sw ne

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : BASIN FRT COAL

Compl: 04/09/1990 D G METH

Well: SAN JUAN 32-9 UNIT #228

Last Info: 09/04/1990

Ftg: 1660 fnl 1350 fel

Lat-Long by TDG: 36.943620 - 107.726670

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3431 Fruitland coal Permit #: Coal 02/13/1990 API: 30-045-2760000
Elev: 6533GR

Spud: 03/25/1990

Contr: Walters

Rig #: 4

TD: 3425 on 04/07/1990

=====
Elev: 6533GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2110	4423	S H	Fruitland	3080	3453	S H
Kirtland	2150	4383	S H				

Notes : (Permitted for methane gas production)

Casing: 9 5/8 @ 310 w/283 CF

7 @ 3067 w/971 CF

5 1/2 lnr @ 3021-3424 w/no cmt

Logs : None

Tubing: 2 3/8 @ 3383

Perfs : 3117-3377 (Fruitland coal)
predrld lnr @ 3117-3158, 3205-3377 - natural

PZone : 3117-3377 (Fruitland coal)
gross interval

IP : F 607 MCFGPD on 3/4 ck; no oil; no wtr rptd; SICP 894

Journl: 3/29/90 rig rptd on site March 27.

4/2/90 WOCT.

4/25/90 WOCT.

5/8/90 completed methane gas well.

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD)
2. Name of Operator MERIDIAN OIL	5. Lease Number E-3150-1
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	6. State Oil&Gas Lease E-3150-1
4. Location of Well, Footage, Sec., T, R, M 1660'FNL, 1350'FEL Sec.36, T-32-N, R-9-W, NMPM, Rio Arriba County	7. Lease Name/Unit Name San Juan 32-9 Unit
	8. Well No. 228
	9. Pool Name or Wildcat Basin Fruitland Coal
	10. Elevation: 228

Type of Submission

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment	☐ Change of Plans
☐ Recompletion	☐ New Construction
☐ Plugging Back	☐ Non-Routine Fracturing
☐ Casing Repair	☐ Water Shut off
☐ Altering Casing	☐ Conversion to Injection
☒ Other -	

13. Describe Proposed or Completed Operations

01-09-94 MOL&RU. Kill well. ND WH. NU BOP. TOOH w/tbg. TIH.
01-10-94 TIH to 3240'. Top of liner @ 3021'. CO to 3420'. TIH, circ on top of liner hanger. Screw into hgr & pull liner loose. TOOH w/liner & hgr.
01-11-94 LD 5 1/2" liner. TIH to 3067'. CO to 3425'. Blow well and surge to pit.
01-12-18 Blow well and clean out.
01-19-94 CO to 3425'. TIH w/5 1/2" liner.
01-20-94 Flow well. CO to 3425'. Ran 9 jts 5 1/2" liner to 3424'. Top of liner @ 3036. Pre-drilled perforations @ 3389-3172'. Did not cmt. Mill off perf plugs. Ran 104 jts 2 3/8" tbg @ 3383'. Exp. check @ 3383'. ND BOP. NU WH. Flow well.
01-21-94 Released rig.

RECEIVED
JAN 26 1994
OIL CON. DIV.
DIST. 3

Sundry to
reannotate
per
Doug Mussett
verified in DIM
eff 1/94

SIGNATURE *Charles Sholdon* Regulatory Affairs January 22, 1994

(This space for State Use)
Approved by Original Signed by CHARLES SHOLDON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date JAN 26 1994

To: D. B. Jensen

Date: December 22, 1993

From: J. A. Smith/M. R. Jones
Area 6 TeamLocation: Farmington, NM
EngineeringRE: San Juan 32-9 Unit #228
(Unit G, Sec. 36, T32N, R9W)
San Juan County, New Mexico
Recavitation and PCP InstallationRecommendation:

It is recommended that San Juan 32-9 Unit #228 well have the liner pulled, open hole cleaned out, recavitated, and have a PCP installed (if needed) in the above-referenced well. This recommendation is based on the recent successes of the Allison Unit cavitations. The exposed open hole will be cleaned out and surged up to two weeks if needed. Meridian has a 75.0 percent WI (64.375 percent net), with Williams Production having the remaining 25.0 percent GWI in this well. This project will develop and add net reserves of 547 MMCF (risked), at a net cost of 139.9M\$. The risked unloaded cost to add is .26 \$/MCF.

Economic Summary and Discussion:

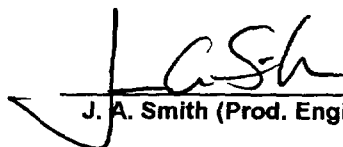
Incremental Loaded		San Juan 32-9 Unit #228	
WI/NI (BPO)	(%)	75.0/64.3	
Rate of Return	(%)	33.7	2410%
P/I @ 10%	(\$/\$)	1.2	.60
NPV @ 10%	(M\$)	178.0	132.7
Payout	(Yrs)	4.4	
Net Resv. Dev.	(MMCF)	547	546
Net Resv. Adds	(MMCF)	547	
UL Cost to Add	(\$/MCF)	.26	

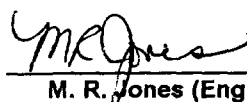
IF. Williams N-c
150% Penalty926
per 1/4
J. Smith
1.494

Recently, several Allison Unit wells have had the same procedure performed on them with attractive results (see attached plots). As with the above referenced wells, previous to the cleanouts, this well was essentially non-productive. A 4-year flat rate at 500 MCFD and 15 percent decline to abandonment model was used (see attached ARIES RT plot). This well was then risked at 80% POS. In the area surrounding the San Juan 32-9 Unit #228, there are several operated and non-operated wells that are producing at rates varying from 200 MCFD to 2500 MCFD. More encouraging are the water rates ranging from 100 to 400 BWPD (see attached map).

The San Juan 32-9 Unit #228 well originally pitoted at approximately 600 MCFD. The well was cavitated and blown for approximately five days, while all the time the pitot gauge was increasing. If economically successful, this recavitation process could potentially prove up a additional six recavitations in the immediate area. In the same section is the #235 well, which is also proposed for a recavitation.

The Fruitland Coal in the immediate area consists of three or four coal zones, total thickness ranging from 35 feet to 45 feet. The coal interval in this proposed workover is expected to have similar reservoir characteristics as the previous workovers mentioned above.


J. A. Smith (Prod. Engineer)


M. R. Jones (Engineering)

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET

6/22/98

FOR LEASE: SAN JUAN 32-9 UNIT # 270

WELL INFORMATION:

LOCATION	032N009W18A		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	9/ 9/90		
COMP DATE	9/30/90		
FIRST GAS	4/ 1/92		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	176.00	M
PAYOUT YEARS		1.28	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
<u>YEAR</u>	<u>GAS</u> <u>(MMCF)</u>	<u>OIL</u> <u>(MBO)</u>	<u>WATER</u> <u>(MBW)</u>	<u>BASE</u> <u>(M\$)</u>	<u>WATER</u> <u>(M\$)</u>	<u>TOTAL</u> <u>(M\$)</u>
1996	139.02	0.00	65.74	19.49	0.00	19.49
1997	219.88	0.00	76.65	19.49	0.00	19.49
1998	212.00	0.00	65.72	19.49	0.00	19.49
1999	194.27	0.00	45.86	19.49	0.00	19.49
2000	170.95	0.00	32.81	19.49	0.00	19.49
2001	150.43	0.00	23.48	19.49	0.00	19.49
2002	132.38	0.00	16.80	19.49	0.00	19.49
2003	116.49	0.00	12.02	19.49	0.00	19.49
2004	102.51	0.00	8.60	19.49	0.00	19.49
2005	90.21	0.00	6.15	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/22/98

FOR LEASE: SAN JUAN 32-9 UNIT

270

WELL INFORMATION:

LOCATION	032N009W18A
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	9/ 9/90
COMP DATE	9/30/90
FIRST GAS	4/ 1/92
COMM GWI	100.00 % MOI GWI 0.00 %
COMM NRI	87.50 % MOI NRI 0.00 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

915 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	176.00	M
PAYOUT YEARS		1.2	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
0.73	12/95
1.18	12/96
1.79	TO LIFE

Dwights Discover CD-ROM
Copyright 1998 Rockies

ID: R-410170-0 Original
Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 32N - 9W - 18 sw ne ne

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : BASIN FRT COAL

Compl: 09/30/1990 D G METH

Well: SAN JUAN 32-9 UNIT #270

Last Info: 12/20/1990

Ftg: 835 fnl 1160 fel

Lat-Long by TDG: 37.021393 - 107.861603

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3659 Fruitland coal Permit #: Coal 07/20/1990 API: 30-045-2803000
Elev: 6872KB

Spud: 09/09/1990

TD: 3654 on 09/29/1990

=====
Elev: 6872KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2005	4867	S H	Fruitland	3185	3687	S H
Kirtland	2085	4787	S H				

=====
DDC : 8 NE Cedar Hill (miles from the nearest city)

Notes :

Casing: 9 5/8 @ 216 w/189 CF

7 @ 3410 w/1136 CF

5 1/2 lnr @ 3366-3653 w/no cmt

Logs : None

Tubing: 2 3/8 @ 3626

Perfs : 3414-3651 (Fruitland coal)
predrld lnr @ 3414-3498, 3610-3651 - natural

PZone : 3414-3651 (Fruitland coal)
gross interval

IP : F 379 MCFGPD on 3/4 ck; SICP 651

Journl: 10/1/90 drlg ahead.

10/11/90 WOCT.

11/14/90 completed methane gas well; SI.

12/19/90 completed methane gas well, details released.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED
BUREAU OF LAND MANAGEMENT
JAN 10 1996

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
735' FNL, 1160' FEL, Sec. 18, T-32-N, R-9-W, NMPM

5. Lease Number
SF-078513

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
San Juan 32-9 Unit
San Juan 32-9 U #270
9. API Well No.
30-045-28030
10. Field and Pool
Basin Fruitland Coal
11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other - Recavitate	

13. Describe Proposed or Completed Operations

12-2-95 MIRU. SDON.
12-3-95 ND WH. NU BOP. PT BOP to 2000 psi/30 min, OK. TOOH w/112 jts 2 3/8" tbg, 1 jt 2 7/8" tbg, 2 jts PCP stator & 1 jt perf'd 2 7/8" tbg. TIH, tag up @ 3649'. TOOH.
12-4-95 TIH w/retrieving tool. Latch lnr hanger @ 3366'. TOOH w/7 jts 5 1/2" lnr. TIH w/underreamer. Underream @ 3415-3612'.
12-5-95 Underreamer plugged. TOOH. TIH, drill to 3654'. TOOH. Blow well & CO.
12-6/17-95 Blow well & CO.
12-18-95 TOOH. TIH w/7 jts 5 1/2" 15.5# K-55 STC lnr, set @ 3652'. Top of lnr @ 3370'. TOOH. TIH w/plug mill. Mill perms @ 3371-3402, 3535-3617'. TOOH w/mill. TIH w/114 jts 2 3/8" 4.7# J-55 tbg, landed @ 3619'. ND BOP. NU WH. RD. Rig released.

14. I hereby certify that the foregoing is true and correct.

Signed *[Signature]* Title Regulatory Administrator Date 12/19/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

JAN 10 1996

FARMINGTON DISTRICT OFFICE
BY *[Signature]*

OPERATOR

submitted in lieu of Form 316

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BULM MAIL ROOM

Sundry Notices and Reports on Wells

95 NOV 20 PM 1:29

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
735' FNL, 1160' FEL, Sec.18, T-32-N, R-9-W, NMPM

070 FARMINGTON, NM

5. Lease Number
SF-078513
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 32-9 Unit
8. Well Name & Number
San Juan 32-9 U #270
9. API Well No.
30-045-28030
10. Field and Pool
Basin Fruitland Coal
11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other - Recavitate	

13. Describe Proposed or Completed Operations

It is intended to recavitate the subject well in the following manner:

Pull the existing 5 1/2" liner and 2 3/8" tubing. Surge w/gas until formation stabilizes. Rerun the 5 1/2" liner and 2 3/8" tubing. Return the well to production.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (FAS5) Title Regulatory Administrator Date 11/15/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

NOV 21 1995

[Signature]
DISTRICT MANAGER

OPERATOR

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/ 2/98

FOR LEASE: SAN JUAN 32-9 UNIT # 217

WELL INFORMATION:

LOCATION	032N009W16G
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	7/ 6/91
COMP DATE	9/27/91
FIRST GAS	3/30/92
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	75.00
MOI NRI	63.05

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.17 %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 397.00 M
PAYOUT YEARS	13.53

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1993	0.63	0.00	1.21	19.49	0.00	19.49
1996	2.98	0.00	0.10	19.49	0.00	19.49
1997	24.15	0.00	0.00	19.49	0.00	19.49
1998	15.13	0.00	0.00	19.49	0.00	19.49
1999	15.56	0.00	0.03	19.49	0.00	19.49
2000	21.28	0.00	0.00	19.49	0.00	19.49
2001	31.92	0.00	0.00	19.49	0.00	19.49
2002	47.87	0.00	0.00	19.49	0.00	19.49
2003	71.81	0.00	0.00	19.49	0.00	19.49
2004	103.55	0.00	0.00	19.49	0.00	19.49
2005	110.34	0.00	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/ 2/98

FOR LEASE: SAN JUAN 32-9 UNIT

217

WELL INFORMATION:

LOCATION	032N009W16G
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	7/ 6/91
COMP DATE	9/27/91
FIRST GAS	3/30/92
COMM GWI	100.00 %
COMM NRI	87.50 %
MOI GWI	75.00 %
MOI NRI	63.05 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

942 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	397.00	M
PAYOUT YEARS		13.5	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.19	12/92
1.43	12/93
1.17	12/94
0.73	12/95
1.18	12/96
1.79	TO LIFE

Dwights Discover CD-ROM
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ID: R-409952-0 Original
Run Date: 9-Jun-98

=====
State : New Mexico NM Merid 32N - 9W - 16 ne sw ne

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : BASIN FRT COAL

Compl: 09/27/1991 D G METH

=====
Well: SAN JUAN 32-9 UNIT #217

Last Info: 01/12/1996

Ftg: 1400 fnl 1555 fel

Lat-Long by TDG: 37.021072 - 107.826859

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3762 Fruitland coal Permit #: Coal 06/18/1990 API: 30-045-2785900
Elev: 6914GR

=====
Spud: 07/06/1991

Contr: Arapahoe

Rig #: 11

TD: 3746 on 09/23/1991

=====
Elev: 6914GR

FORMATION TOPS

(Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS

M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2380	4534	S H	Fruitland coal	3300	3614	S H
Kirtland	2470	4444	S H				

=====
Notes :

Casing: 9 5/8 @ 234 w/189 CF

7 @ 3480 w/1233 CF

Core :

None

DST :

None

Logs : None

Tubing: 2 3/8 @ 3678

Perfs : 3481-3746 (Fruitland coal)
open hole - natural

PZone : 3481-3746 (Fruitland coal)

IP : F 93 MCFGPD on 3/4 ck; SICP 1190

LocCom: 11/26/90 permit extension requested.

6/6/91 permit extended to Dec 15, 1991.

Journl: 7/9/91 drlg @ 1916.

7/15/91 rig rptd released July 10.

7/19/91 WOCT.

9/24/91 WOPL.

11/4/91 completed methane gas well; WOPL.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/ 2/98

FOR LEASE: SAN JUAN 32-9 UNIT # 276

WELL INFORMATION:

LOCATION	032N009W27M		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	7/10/91		
COMP DATE	10/ 2/91		
FIRST GAS	4/21/92		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.92	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.17</u>	%
TOTAL		9.02	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$	397.00	M
PAYOUT YEARS		7.33	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1993	7.23	0.00	6.27	19.49	0.00	19.49
1994	5.95	0.00	6.13	19.49	0.00	19.49
1995	2.75	0.00	5.77	19.49	0.00	19.49
1996	5.22	0.00	6.31	19.49	0.00	19.49
1997	1.03	0.00	4.71	19.49	0.00	19.49
1998	111.52	0.00	8.06	19.49	0.00	19.49
1999	201.49	0.00	7.13	19.49	0.00	19.49
2000	215.93	0.00	3.05	19.49	0.00	19.49
2001	214.97	0.00	1.20	19.49	0.00	19.49
2002	194.01	0.00	0.43	19.49	0.00	19.49
2003	168.02	0.00	0.15	19.49	0.00	19.49
2004	145.50	0.00	0.05	19.49	0.00	19.49
2005	126.00	0.00	0.02	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET**

6/ 2/98

FOR LEASE: SAN JUAN 32-9 UNIT

276

WELL INFORMATION:

LOCATION	032N009W27M
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	7/10/91
COMP DATE	10/ 2/91
FIRST GAS	4/21/92
COMM GWI	100.00 % MOI GWI 0.00 %
COMM NRI	87.50 % MOI NRI 0.00 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

945 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	397.00	M
PAYOUT YEARS		7.3	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.19	12/92
1.43	12/93
1.17	12/94
0.73	12/95
1.18	12/96
1.79	TO LIFE

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ID: R-410751-0 Original
Run Date: 9-Jun-98

State : New Mexico NM Merid 32N - 9W - 27 ne sw sw

County: SAN JUAN

Oper: MERIDIAN OIL INC

Field : BASIN FRT COAL

Compl: 10/02/1991 D G METH

Well: SAN JUAN 32-9 UNIT #276

Last Info: 08/15/1997

Ftg: 1305 fsl 810 fwl

Lat-Long by TDG: 36.989166 - 107.818878

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3609 Fruitland coal Permit #: Coal 11/05/1990 API: 30-045-2844400

Elev: 6752GR

Spud: 07/10/1991

Contr: Arapahoe

Rig #: 11

TD: 3588 on 09/28/1991

Elev: 6752GR

FORMATION TOPS

(Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS

M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2065	4687	S H	Fruitland	3230	3522	S H
Kirtland	2200	4552	S H				

DDC : 15 N Aztec (miles from the nearest city)

Notes : (Burlington Resources O&G Inc plan to sidetrack for directional
sidetrack #1 reference ID #190556)

Casing: 9 5/8 @ 229 w/189 CF

7 @ 3222 w/1145 CF

5 1/2 lnr @ 3132-3587 w/no cmt

Core :

None

DST :

None

Logs : None

Tubing: 2 3/8 @ 3530

Perfs : 3181-3586 (Fruitland coal)

predrld lnr @ 3181-3225, 3270-3404, 3450-3495, 3541-3586 - natural

PZone : 3181-3586 (Fruitland coal)

gross interval

IP : F 600 MCFGPD on 3/4 ck; SICP 1241

Journl: 7/15/91 drld, no further details available.

8/27/91 WOCT.

10/1/91 completing.

11/6/91 WOPT.

11/13/91 completed methane gas well; SI.

1/31/92 completed methane gas well, details rptd.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/ 2/98

FOR LEASE: SAN JUAN 32-9 UNIT # 223

WELL INFORMATION:

LOCATION	031N010W12K
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	12/13/92
COMP DATE	2/10/93
FIRST GAS	8/17/93
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	100.00
MOI NRI	32.85

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.17 %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 397.00	M
PAYOUT YEARS	5.41	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1994	17.77	0.00	0.24	11.37	0.00	11.37
1995	31.38	0.00	0.00	19.49	0.00	19.49
1996	130.19	0.00	0.26	19.49	0.00	19.49
1997	144.73	0.00	0.00	19.49	0.00	19.49
1998	106.87	0.00	0.00	19.49	0.00	19.49
1999	79.53	0.00	0.12	19.49	0.00	19.49
2000	60.42	0.00	0.05	19.49	0.00	19.49
2001	48.10	0.00	0.02	19.49	0.00	19.49
2002	39.20	0.00	0.01	19.49	0.00	19.49
2003	32.56	0.00	0.00	19.49	0.00	19.49
2004	27.47	0.00	0.00	19.49	0.00	19.49
2005	23.49	0.00	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET**

6/ 2/98

FOR LEASE: SAN JUAN 32-9 UNIT

223

WELL INFORMATION:

LOCATION	031N010W12K
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	12/13/92
COMP DATE	2/10/93
FIRST GAS	8/17/93
COMM GWI	100.00 %
COMM NRI	87.50 %
MOI GWI	100.00 %
MOI NRI	32.85 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

957 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	397.00	M
PAYOUT YEARS		5.4	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.58	12/93
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-411379-0 Original
Copyright 1998 Rockies Run Date: 9-Jun-98

State : New Mexico NM Merid 31N - 10W - 12 se nw sw

County: SAN JUAN Oper: MERIDIAN OIL INC

Field : BASIN FRT COAL Compl: 02/10/1993 D G METH

Well: SAN JUAN 32-9 UNIT #223 Last Info: 04/12/1993

Ftg: 1390 fsl 980 fwl

Lat-Long by TDG: 36.908905 - 107.838867

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3120 Fruitland coal Permit #: Coal 12/21/1992 API: 30-045-2888700
Elev: 6344GR

Spud: 12/13/1992 Contr: Four Corners Rig #: 7

TD: 3146 on 02/06/1993 Fruitland coal

Elev: 6344GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1510	4834	S H	Fruitland	2760	3584	S H
Kirtland	1613	4731	S H	bs Kirtland	2760	3584	S H
bs Ojo Alamo	1613	4731	S H	bs Fruitland	3146	3198	S H

Notes : (Replaces ID #410745, API #30-045-28443)

Casing: 9 5/8 @ 243 w/212 CF
7 @ 2969 w/870 CF

Core : None
DST : None rptd

Logs : None

Tubing: 2 3/8 @ 3110

Perfs : 2970-3146 (Fruitland coal)
open hole - natural

PZone : 2970-3146 (Fruitland coal)

IP : (Fruitland coal 2970-3146) F 135 MCFGPD on 3/4 ck; SITP 823, SICP 905

Journl: 12/21/92 WOCT, per operator.

12/30/92 WOCT.

2/9/93 completing, per operator.

2/16/93 WOPT, per operator.

3/31/93 completed methane gas well; SI.

4/12/93 completed methane gas well, details rptd.

BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET

6/18/98

FOR LEASE: SAN JUAN 32-9 UNIT # 209

WELL INFORMATION:

LOCATION	031N010W02G
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	3/22/90
COMP DATE	4/14/90
FIRST GAS	3/ 3/93
COMM GWI	100.00
COMM NRI	87.50
MOI GWI	0.00
MOI NRI	31.58

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 397.00	M
PAYOUT YEARS	8.98	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1992	8.47	0.00	0.00	3.25	0.00	3.25
1993	26.59	0.00	0.00	19.49	0.00	19.49
1994	35.91	0.00	0.00	19.49	0.00	19.49
1995	29.68	0.00	0.00	19.49	0.00	19.49
1996	38.91	0.00	0.00	19.49	0.00	19.49
1997	55.89	0.00	0.00	19.49	0.00	19.49
1998	75.29	0.00	0.00	19.49	0.00	19.49
1999	103.60	0.00	0.00	19.49	0.00	19.49
2000	110.77	0.00	0.00	19.49	0.00	19.49
2001	109.90	0.00	0.00	19.49	0.00	19.49
2002	98.34	0.00	0.00	19.49	0.00	19.49
2003	85.16	0.00	0.00	19.49	0.00	19.49
2004	73.75	0.00	0.00	19.49	0.00	19.49
2005	63.87	0.00	0.00	19.49	0.00	19.49

**BURLINGTON RESOURCES
COMMERICALITY DETERMINATION
BLM DATA SHEET**

6/18/98

FOR LEASE: SAN JUAN 32-9 UNIT

209

WELL INFORMATION:

LOCATION	031N010W02G
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	BURLINGTON RESOURCES
SPUD DATE	3/22/90
COMP DATE	4/14/90
FIRST GAS	3/ 3/93
COMM GWI	100.00 %
COMM NRI	87.50 %
MOI GWI	0.00 %
MOI NRI	31.58 %

PRODUCTION TAXES:

TAXES FOR	1995	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.92 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.17</u> %
TOTAL		9.02 %

AVERAGE HEAT CONTENT

1,050 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	397.00	M
PAYOUT YEARS		8.9	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.34	12/90
1.02	12/91
1.44	12/92
1.58	12/93
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM
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ID: R-409366-0 Original
Run Date: 18-Jun-98

=====
State : New Mexico NM Merid 31N - 10W - 2 ne sw ne

County: SAN JUAN Oper: MERIDIAN OIL INC

Field : BASIN FRT COAL Compl: 04/14/1990 D G METH

=====
Well: SAN JUAN 32-9 UNIT #209 Last Info: 05/30/1990

Ftg: 1545 fnl 1640 fel

Lat-Long by TDG: 36.930084 - 107.849319

Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344

Obj: 3130 Fruitland coal Permit #: Coal 02/13/1990 API: 30-045-2759700
Elev: 6338KB

=====
Spud: 03/22/1990

TD: 3135 on 04/13/1990

=====
Elev: 6338KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1538	4800	L H	Fruitland	2677	3661	L H
Kirtland	1618	4720	L H				

=====
Notes :

Casing: 9 5/8 @ 317 w/283 CF

7 @ 2852 w/905 CF

4 1/2 lnr @ 2690-3134 w/168 CF

Logs : DIL LDT CNL NGT ML

Tubing: 2 3/8 @ 3093

Perfs : 2880-3126 (Fruitland coal)
w/4 SPF @ 2880-2885, 2890-2895, 2910-2918, 3042-3055, 3121-3126 -
frac w/230,450# 20/40 sd 134,776 gal slk wtr

PZone : 2880-3126 (Fruitland coal)
gross interval

IP : F 396 MCFGPD on 3/4 ck; no oil; SICP 1009

Journl: 4/2/90 WOCT.

4/25/90 WOCT.

5/1/90 WOCT.

5/22/90 WOCT as of May 1.

5/30/90 completed methane gas well.

BURLINGTON RESOURCES

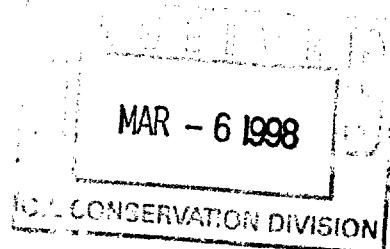
SAN JUAN DIVISION

March 4, 1998

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands,
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
2040 S. Pacheco
Santa Fe, NM 87505



**RE: 1998 Plan of Development
SAN JUAN 32-9 UNIT 14-08-001-569
SAN JUAN COUNTY, NEW MEXICO**

Ladies and Gentlemen:

The following Participating Areas currently exist in the SAN JUAN 32-9 UNIT:

FORMATION	SPACING	DEDICATION
Nacimiento	000	08-04-1975
Pictured Cliffs	006	01-01-1990
Fruitland Coal	009	05-01-1991
Mesaverde	032	08-01-1960

The 1997 Plan of Development (or amendments thereto) provided for the following activity:

WELL NAME	FORMATION	TYPE	DEDICATION	STATUS
SAN JUAN 32-9 UNIT 39A	Mesaverde	NewDrill - Single	E/2 26-032N-010W	Completed
SAN JUAN 32-9 UNIT 49A	Mesaverde	NewDrill - Single	E/2 23-032N-010W	Completed
SAN JUAN 32-9 UNIT 119	Pictured Cliffs	P&A - Single	E/2 14-032N-010W	In Progress
SAN JUAN 32-9 UNIT 4	Pictured Cliffs	P&A - Single	E/2 12-031N-010W	Completed
SAN JUAN 32-9 UNIT 23A	Pictured Cliffs	Recompletion - Commingle	W/2 05-031N-009W	In Progress
SAN JUAN 32-9 UNIT 24	Pictured Cliffs	Recompletion - Commingle	E/2 05-031N-009W	In Progress
SAN JUAN 32-9 UNIT 24	Mesaverde	Recompletion - Commingle	E/2 05-031N-009W	In Progress
SAN JUAN 32-9 UNIT 24A	Pictured Cliffs	Recompletion - Commingle	E/2 05-031N-009W	In Progress
SAN JUAN 32-9 UNIT 47	Pictured Cliffs	Recompletion - Commingle	W/2 04-031N-009W	In Progress
SAN JUAN 32-9 UNIT 47	Mesaverde	Recompletion - Commingle	W/2 04-031N-009W	In Progress

Copies of Participating Area maps are attached for each formation. The circled numbers correspond to the Unit Exhibit "B" ownership schedule.

Pursuant to Section 10 of the SAN JUAN 32-9 UNIT Agreement, Burlington Resources Oil & Gas Company, as Unit Operator, hereby submits the 1998 Plan of Development as follows:

WELL NAME	FORMATION	TYPE	DESCRIPTION
SAN JUAN 32-9 UNIT 36A	Mesaverde	NewDrill – Single	W/2 33-032N-009W
SAN JUAN 32-9 UNIT 40A	Mesaverde	NewDrill – Single	W/2 30-032N-009W
SAN JUAN 32-9 UNIT 50A	Mesaverde	NewDrill – Single	E/2 25-032N-010W
SAN JUAN 32-9 UNIT 51A	Mesaverde	NewDrill – Single	W/2 29-032N-009W
SAN JUAN 32-9 UNIT 68A	Mesaverde	NewDrill – Single	W/2 24-032N-010W
SAN JUAN 32-9 UNIT NP 267	Fruitland Coal	P&A	W/2 18-031N-009W
SAN JUAN 32-9 UNIT 7	Mesaverde	P&A – Single	W/2 32-032N-009W
SAN JUAN 32-9 UNIT NP 265	Fruitland Coal	P&A – Single	W/2 17-031N-009W

The following is a well listing for wells in SAN JUAN 32-9 UNIT and the current status our system contains for the well.

WELL NAME	FORM	LEGAL DESC	REASON	FLAG
SAN JUAN 32-9 UNIT 3	Mesaverde	A 01-031N-010W	Active	Commingle
SAN JUAN 32-9 UNIT 3	Pictured Cliffs	A 01-031N-010W	Active	Commingle
SAN JUAN 32-9 UNIT 13	Mesaverde	G 14-031N-010W	Active	Commingle
SAN JUAN 32-9 UNIT 13	Pictured Cliffs	G 14-031N-010W	Active	Commingle
SAN JUAN 32-9 UNIT 47	Mesaverde	M 04-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 47	Pictured Cliffs	M 04-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 17R	Mesaverde	M 08-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 17R	Pictured Cliffs	M 08-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 23A	Mesaverde	F 05-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 23A	Pictured Cliffs	F 05-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 24A	Mesaverde	P 05-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 24A	Pictured Cliffs	P 05-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 37A	Mesaverde	J 32-032N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 37A	Pictured Cliffs	J 32-032N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 41A	Mesaverde	P 31-032N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 41A	Pictured Cliffs	P 31-032N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 42A	Mesaverde	O 06-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 42A	Pictured Cliffs	O 06-031N-009W	P&A	Commingle
SAN JUAN 32-9 UNIT 47A	Mesaverde	E 04-031N-009W	Active	Commingle
SAN JUAN 32-9 UNIT 47A	Pictured Cliffs	E 04-031N-009W	Active	Commingle
			Commingle Count	20
SAN JUAN 32-9 UNIT 84	Pictured Cliffs	N 14-031N-010W	Active	Dual
SAN JUAN 32-9 UNIT COM 84	Nacimiento	N 14-031N-010W	Active	Dual
			Dual Count	2
SAN JUAN 32-9 UNIT 1	Mesaverde	K 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 4	Mesaverde	H 12-031N-010W	P&A	Single

WELL NAME	FORM	LEAD P&A	STATUS	FLG
SAN JUAN 32-9 UNIT 4	Pictured Cliffs	H 12-031N-010W	P&A	Single
SAN JUAN 32-9 UNIT 5	Mesaverde	K 15-031N-009W	P&A	Single
SAN JUAN 32-9 UNIT 6	Mesaverde	B 15-031N-009W	P&A	Single
SAN JUAN 32-9 UNIT 7	Mesaverde	M 32-032N-009W	Shut-in	Single
SAN JUAN 32-9 UNIT 9	Mesaverde	N 25-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 11	Mesaverde	14-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT 12	Mesaverde	M 10-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 14	Mesaverde	A 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 15	Mesaverde	L 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 16	Mesaverde	H 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 17	Mesaverde	K 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 18	Mesaverde	L 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 19	Mesaverde	H 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 1A	Mesaverde	F 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 20	Mesaverde	A 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 21	Mesaverde	M 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 22	Mesaverde	L 14-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 23	Mesaverde	M 05-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 24	Mesaverde	A 05-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 25	Mesaverde	G 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 26	Mesaverde	L 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 27	Mesaverde	M 23-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 28	Mesaverde	K 26-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 29	Mesaverde	M 36-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 30	Mesaverde	H 36-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 31	Mesaverde	K 13-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 32	Mesaverde	N 31-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT 33	Mesaverde	N 06-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 34	Mesaverde	K 35-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 35	Mesaverde	G 10-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 36	Mesaverde	M 33-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 37	Mesaverde	H 32-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 38	Mesaverde	B 35-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 39	Mesaverde	B 26-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 3A	Mesaverde	J 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 40	Mesaverde	N 30-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 41	Mesaverde	A 31-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 42	Mesaverde	A 06-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 43	Mesaverde	M 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 44	Mesaverde	G 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 45	Mesaverde	M 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 46	Mesaverde	G 04-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 48	Mesaverde	K 14-032N-010W	Active	Single

WELL NAME	FORM	LEAD P&A	STATUS	FLAG
SAN JUAN 32-9 UNIT 49	Mesaverde	B 23-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 4A	Mesaverde	I 12-031N-010W	P&A	Single
SAN JUAN 32-9 UNIT 4B	Mesaverde	J 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 4R	Mesaverde	H 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 50	Mesaverde	A 25-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 51	Mesaverde	M 29-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 52	Mesaverde	M 13-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT 53	Mesaverde	M 27-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 54	Mesaverde	L 14-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 55	Mesaverde	K 11-032N-010W	Shut-in	Single
SAN JUAN 32-9 UNIT 56	Mesaverde	K 12-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 57	Mesaverde	H 02-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 58	Mesaverde	A 16-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 59	Mesaverde	K 19-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT 5A	Mesaverde	E 15-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 5R	Mesaverde	K 15-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 60	Mesaverde	H 28-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 61	Mesaverde	M 36-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 62	Mesaverde	H 14-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 63	Mesaverde	G 36-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 64	Mesaverde	M 02-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 65	Mesaverde	K 09-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 66	Mesaverde	M 10-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 67	Mesaverde	B 24-032N-010W	Shut-in	Single
SAN JUAN 32-9 UNIT 67	Pictured Cliffs	B 24-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 68	Mesaverde	M 24-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 69	Mesaverde	M 13-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 6A	Mesaverde	I 15-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 6R	Mesaverde	H 15-031N-009W	P&A	Single
SAN JUAN 32-9 UNIT 6Y	Mesaverde	B 15-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 70	Mesaverde	21-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT 71	Mesaverde	A 33-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 75	Mesaverde	K 18-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 76	Mesaverde	A 13-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 77	Mesaverde	A 18-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT 7A	Mesaverde	F 32-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 80	Mesaverde	M 23-032N-010W	P&A	Single
SAN JUAN 32-9 UNIT 82	Pictured Cliffs	M 13-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 83	Pictured Cliffs	J 14-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 85	Pictured Cliffs	E 13-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 86	Pictured Cliffs	F 14-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 89	Pictured Cliffs	E 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 90	Pictured Cliffs	E 11-031N-010W	Active	Single

UNIT NAME	FORM	LEGAL DESC	REASON	FLAG
SAN JUAN 32-9 UNIT 91	Pictured Cliffs	O 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 92	Pictured Cliffs	B 14-031N-010W	P&A	Single
SAN JUAN 32-9 UNIT 93	Pictured Cliffs	O 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 94	Pictured Cliffs	N 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 95	Pictured Cliffs	M 11-031N-010W	P&A	Single
SAN JUAN 32-9 UNIT 96	Pictured Cliffs	O 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 97	Pictured Cliffs	E 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 98	Pictured Cliffs	M 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 99	Pictured Cliffs	G 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 100	Pictured Cliffs	L 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 101	Pictured Cliffs	E 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 102	Pictured Cliffs	D 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 103	Pictured Cliffs	A 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 104	Fruitland Coal	G 24-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 105	Fruitland Coal	H 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 106	Pictured Cliffs	I 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 107	Pictured Cliffs	L 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 108	Pictured Cliffs	M 10-031N-009W	P&A	Single
SAN JUAN 32-9 UNIT 111	Pictured Cliffs	J 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 112	Pictured Cliffs	P 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 113	Dakota	B 09-031N-009W	Shut-in	Single
SAN JUAN 32-9 UNIT 114	Dakota	B 17-031N-009W	Shut-in	Single
SAN JUAN 32-9 UNIT 115	Pictured Cliffs	L 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 119	Pictured Cliffs	P 14-032N-010W	P&A	Single
SAN JUAN 32-9 UNIT 12A	Mesaverde	C 10-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 13A	Mesaverde	P 14-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 14A	Mesaverde	P 09-031N-009W	P&A	Single
SAN JUAN 32-9 UNIT 14B	Mesaverde	P 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 15A	Mesaverde	E 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 16A	Mesaverde	O 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 17A	Mesaverde	F 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 18A	Mesaverde	C 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 18R	Mesaverde	K 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 19A	Mesaverde	J 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 201	Fruitland Coal	H 02-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 202	Fruitland Coal	M 02-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 209	Fruitland Coal	G 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 20A	Mesaverde	I 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 215	Fruitland Coal	M 10-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 217	Fruitland Coal	G 16-032N-009W		Single
SAN JUAN 32-9 UNIT 21A	Mesaverde	F 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 220	Fruitland Coal	G 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 221	Fruitland Coal	M 11-031N-010W	Active	Single

NAL UNIT	FORM	LEGAL DESC	STATUS	FLAG
SAN JUAN 32-9 UNIT 222	Fruitland Coal	H 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 223	Fruitland Coal	K 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 226	Fruitland Coal	H 32-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 228	Fruitland Coal	G 36-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 229	Fruitland Coal	H 36-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 22A	Mesaverde	D 14-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 22R	Mesaverde	L 14-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 230	Fruitland Coal	M 36-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 235	Fruitland Coal	M 36-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 250	Fruitland Coal	G 04-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 251	Fruitland Coal	M 04-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 252	Fruitland Coal	A 05-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 253	Fruitland Coal	M 05-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 254	Fruitland Coal	A 06-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 255	Fruitland Coal	K 06-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 257	Fruitland Coal	N 08-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 258	Fruitland Coal	A 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 259	Fruitland Coal	L 09-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 25A	Mesaverde	P 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 260	Fruitland Coal	B 10-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 261	Fruitland Coal	M 10-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 262	Fruitland Coal	A 15-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 263	Fruitland Coal	K 15-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 264	Fruitland Coal	H 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 266	Fruitland Coal	A 18-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 268	Fruitland Coal	H 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 269	Fruitland Coal	K 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 26A	Mesaverde	C 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 26R	Mesaverde	L 01-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 270	Fruitland Coal	A 18-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 271	Fruitland Coal	K 18-032N-009W		Single
SAN JUAN 32-9 UNIT 273	Fruitland Coal	L 19-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 274	Fruitland Coal	H 28-032N-009W		Single
SAN JUAN 32-9 UNIT 275	Fruitland Coal	M 29-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 276	Fruitland Coal	M 27-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 277	Fruitland Coal	N 30-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 278	Fruitland Coal	A 31-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 279	Fruitland Coal	N 31-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 281	Fruitland Coal	K 32-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 282	Fruitland Coal	G 33-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 283	Fruitland Coal	L 33-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 284	Fruitland Coal	A 13-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 285	Fruitland Coal	N 13-032N-010W		Single

NAME	FORM	LEGAL DESC	STATUS	FLAG
SAN JUAN 32-9 UNIT 286	Fruitland Coal	A 14-032N-010W		Single
SAN JUAN 32-9 UNIT 287	Fruitland Coal	K 14-032N-010W		Single
SAN JUAN 32-9 UNIT 288	Fruitland Coal	B 23-032N-010W		Single
SAN JUAN 32-9 UNIT 289	Fruitland Coal	M 23-032N-010W		Single
SAN JUAN 32-9 UNIT 28A	Mesaverde	F 26-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 291	Fruitland Coal	M 24-032N-010W		Single
SAN JUAN 32-9 UNIT 292	Fruitland Coal	A 25-032N-010W		Single
SAN JUAN 32-9 UNIT 293	Fruitland Coal	M 25-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 294	Fruitland Coal	A 26-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 295	Fruitland Coal	K 26-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 296	Fruitland Coal	B 35-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 297	Fruitland Coal	K 35-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 29A	Mesaverde	F 36-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 300	Fruitland Coal	K 11-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 301	Fruitland Coal	N 12-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 30A	Mesaverde	J 36-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 31A	Mesaverde	E 13-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 32A	Mesaverde	C 31-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 32R	Mesaverde	N 31-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 33A	Mesaverde	F 06-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 34A	Mesaverde	D 35-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 35A	Mesaverde	J 10-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 38A	Mesaverde	I 35-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 39A	Mesaverde	I 26-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 43A	Mesaverde	D 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 44A	Mesaverde	O 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 45A	Mesaverde	E 12-031N-010W	Active	Single
SAN JUAN 32-9 UNIT 46A	Mesaverde	O 04-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 49A	Mesaverde	I 23-032N-010W	Active	Single
SAN JUAN 32-9 UNIT 57A	Mesaverde	I 02-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 61A	Mesaverde	D 36-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 63A	Mesaverde	P 36-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 64A	Mesaverde	D 02-031N-009W	Active	Single
SAN JUAN 32-9 UNIT 70X	Mesaverde	H 21-032N-009W	Active	Single
SAN JUAN 32-9 UNIT 95R	Pictured Cliffs	M 11-031N-010W	Active	Single
SAN JUAN 32-9 UNIT T-39	Record Title	00-000 -000	P&A	Single
SAN JUAN 32-9 UNIT T41A	Record Title	00-000 -000	P&A	Single
SAN JUAN 32-9 UNIT T-56	Record Title	00-000 -000	P&A	Single
SAN JUAN 32-9 UNIT NP 2	Mesaverde	J 30-032N-009W	Active	Single
SAN JUAN 32-9 UNIT NP 8	Mesaverde	A 20-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT NP 10	Mesaverde	34-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT NP 78	Mesaverde	M 17-032N-009W	P&A	Single
SAN JUAN 32-9 UNIT NP 79	Mesaverde	A 17-032N-009W	Active	Single

UNIT NAME	FORM	LEGAL DESC	STATUS	FLAG
SAN JUAN 32-9 UNIT NP 210	Fruitland Coal	N 02-031N-010W	Active	Single
SAN JUAN 32-9 UNIT NP 265	Fruitland Coal	L 17-031N-009W	Active	Single
SAN JUAN 32-9 UNIT NP 267	Fruitland Coal	K 18-031N-009W	Shut-in	Single
SAN JUAN 32-9 UNIT POW 1	Fruitland Coal	C 24-032N-010W	Active	Single
SAN JUAN 32-9 UNIT SWD 5	Morrison Entrada	A 18-031N-009W	Active	Single

Single
 Count 222
 Grand Count 244

The working interest owners are being furnished a copy of this letter. Burlington, as Unit Operator, will drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary by the working interest owners or Unit Operator.

In accordance to Section 10 of the Unit Agreement, please provide your approvals by executing and returning a copy of this letter to the undersigned.

Please contact me at (505) 326-9757 if there are any questions regarding this letter.

Yours very truly,

Shannon Nichols

Shannon Nichols
 Petroleum Landman

SN:mb

SAN JUAN 32-9 UNIT
1998 PLAN OF DEVELOPMENT

Bureau of Land Management

[Signature]

New Mexico Oil Conservation Division

Date

3/9/98

Date

New Mexico Commissioner of Public Lands

Date

SAN JUAN 32-9 UNIT
WORKING INTEREST OWNERS

American Petrofina Company of Texas

Amoco Production Company (3)
Attention: Mr. T. M. Curtis
Denver, Colorado 80202

Amoco Production Company
Attention: Mr. L. O. Speer, Jr.
Farmington, New Mexico 87401

Atlantic Richfield Company (3)

Suzanne LaForce Baber

Mr. Douglas N. Bard

Mr. James C. Bard

Mr. Ralph A. Bard, Jr.

Mr. Ralph Austin Bard, Jr.

Mr. Roy E. Bard, Jr.

Mr. Tom Bolack

Mr. G. R. Brainard, Jr.

Brookhaven Oil Company

Mrs. Grace M. Brown

Chevron Oil Company (2)

Continental Illinois National Bank &
Trust Company of Chicago
Trustee for Trust No. 23935

Continental Illinois National Bank &
Trust Company of Chicago
Trustee for Trust No. 23949

Continental Oil Company

Crown Central Petroleum Corporation

Mrs. Suzette M. Davidson

Eleanor Isham Dunne

Mr. Charles W. Farnham

Elizabeth B. Farrington

Mrs. Minnie A. Fitting

Ralph W. Fitting, III and
J. Robert Jones, Ancillary Executors of
the Estate of Ralph U. Fitting, Jr., Deceased

Mr. Robert D. Fitting

Nancy H. Gerson

Mr. Jay C. Halls, Trustee

Catherine Harvey

Mr. Cortlandt T. Hill

Mr. Albert L. Hopkins, Jr.

Mr. George S. Isham

Mr. Henry P. Isham, Jr.

Mr. R. Nelson Isham

Mr. Robert T. Isham

Josephine C. Jacobson

Mr. Robert Jones

Nancy LaForce Keyes

Koch Industries, Inc.

Mr. W. Watson LaForce, Jr.

Mr. Claude R. Lambe

Frederick P. G. Lattner, Trustee
U/T/A dated 1-21-63 with
Martha M. Lattner, Settlor

Robert S. MacDonald, Angus MacDonald and
the Northern Trust Company, Trustees under
the Will of Margaret S. MacDonald
Trust #23-15659, Northern Trust Company

Mrs. Catherine B. McElvain

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Co. (2)

Mabelle Miller

Northwest Pipeline Corporation
Attention: Mr. J. W. Shepardson
Denver, Colorado 80202

Northwest Pipeline Corporation
Mr. F. H. Woods, Manager
Farmington, New Mexico 87401

Phillips Petroleum Company

Nora R. Ranney

Mr. James M. Raymond

Catherine H. Ruml

Mr. Edward L. Ryerson, Jr.

Shaw, Isham and Company

Elizabaeth B. Simpson Trust

Mr. William Simpson

Southland Royalty Company

Mr. Sydney Stein, Jr.

Mr. John Stuart

Estate of R. Douglas Stuart, Dec'd.
c/o H. Tom DeWees
First National Bank of Chicago

Mr. William P. Sutter

Tenneco Oil Company

Texaco, Inc.

Kay B. Towle

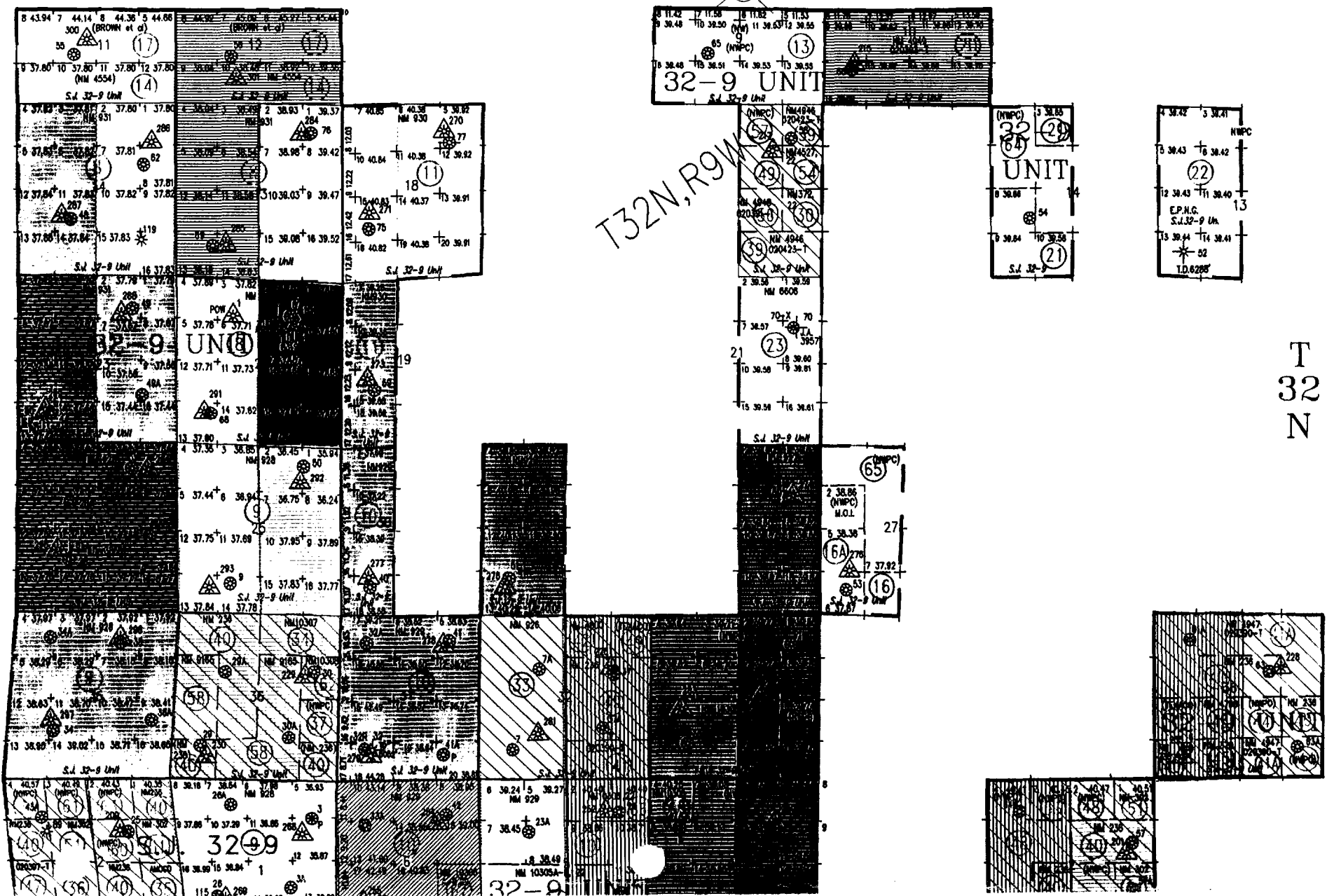
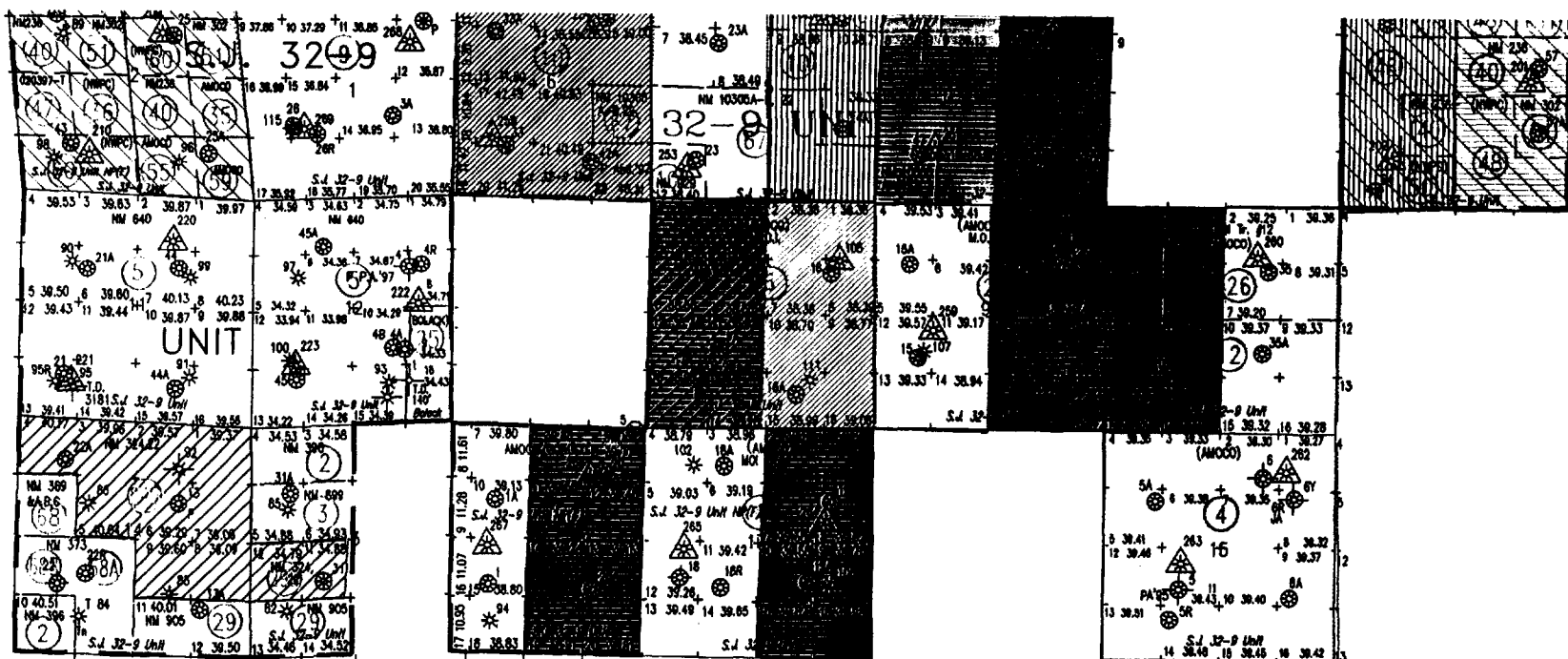
Trust #1 for Benefit of John I. Shaw
and Rodger D. Shaw

Mr. Frederick F. Webster

Miss Mary S. Zick

R10W

R9W

T
32
NT
31
N

SAN JUAN 32-9 UNIT

Fruitland Participating Areas
San Juan County, New Mexico

- | | |
|--|--|
|  Initial Participating Area
Effective 11/28/89 |  Fifth Expansion
Effective 9/1/90 |
|  First Expansion
Effective 1/1/90 |  Sixth Expansion
Effective 10/1/90 |
|  Second Expansion
Effective 5/1/90 |  Seventh Expansion
Effective 11/1/90 |
|  Third Expansion
Effective 7/1/90 |  Eighth Expansion
Effective 4/1/91 |
|  Fourth Expansion
Effective 8/1/90 |  Ninth Expansion
Effective 5/1/91 |

BURLINGTON RESOURCES
LAND DEPARTMENT
October 1, 1997

- | |
|---|
|  OIL AND GAS OWNED BY
STATE OF NEW MEXICO |
|  50% W.I. Non-committed
to the unit |



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

June 13, 1997

Burlington Resources
P.O. 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Alan Alexander

Re: Revised 1997 Plan of Development
San Juan 32-9 Unit
San Juan County, New Mexico

Dear Mr. Alexander:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:

Jami Bailey
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
cc: Reader File

OCD



BLM

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 5, 1997

JUN - 9 1997

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
2040 S. Pacheco
Santa Fe, NM 87505

**RE: San Juan 32-9 Unit, #14-08-001-569
1997 Revised Plan of Development
San Juan County, New Mexico**

Gentlemen:

By letter dated March 4, 1997, Burlington Resources Oil & Gas Company, as Unit Operator for the San Juan 32-9 Unit, filed the original Plan of Development (POD) for the calendar year 1997. The program provided for the development of three (3) wells: #26R, #39A & #49A new drills.

Pursuant to Section 10 of the San Juan 32-9 Unit Agreement, Burlington Resources Oil & Gas Company, as Unit Operator, hereby submits the following wells for inclusion in the 1997 Plan of Development:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 32-9 Unit #23A	SE NW Sec. 5, T31N, R9W	Pictured Cliffs recompletion & commingle with Mesaverde
San Juan 32-9 Unit #24	NE NE Sec. 5, T31N, R9W	Pictured Cliffs recompletion & commingle with Mesaverde
San Juan 32-9 Unit #24A	SE SE Sec. 5, T31N, R9W	Pictured Cliffs recompletion & commingle with Mesaverde
San Juan 32-9 Unit #41A	SE SE Sec. 31, T32N, R9W	Pictured Cliffs recompletion & commingle with Mesaverde
San Juan 32-9 Unit #47	SE SE Sec. 5, T31N, R9W	Pictured Cliffs recompletion & commingle with Mesaverde

Burlington Resources Oil & Gas Company has contacted all applicable working interest owners in these wells and we will only proceed with each project upon concurrence of the owners in accordance with the Unit Agreements.

San Juan 32-9 Unit POD
June 5, 1997
Page 2

Burlington Resources Oil & Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this amended POD is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Alan Alexander
Senior Land Advisor

AA/cj
Enclosures
SJ 32-9 Unit, 3.0 (1997 POD)

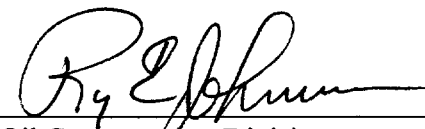
**SAN JUAN 32-9 UNIT
AMENDED 1997 PLAN OF DEVELOPMENT**

APPROVED: _____
Bureau of Land Management

DATE: _____

APPROVED: _____
Commissioner of Public Lands

DATE: _____

APPROVED:  _____
Oil Conservation Division

DATE: 6/24/97

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Burlington Resources Oil & Gas Company

Conoco Inc.

Devon Energy Corporation

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

MP San Juan LP

Phillips Petroleum Company

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc.

Williams Production Company



498

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5763

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

March 12, 1997

Burlington Resources
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Alan Alexander

Re: 1997 Plan of Development
San Juan 32-9 Unit
San Juan County, New Mexico

Dear Mr. Alexander:

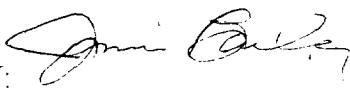
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
cc: Reader File

OCD

BLM

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 4, 1997

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
2040 S. Pacheco
Santa Fe, NM 87505

6 1997

**RE: San Juan 32-9 Unit, #14-08-001-569
1997 Plan of Development
San Juan County, New Mexico**

Gentlemen:

By letters dated December 12, 1995, and June 17, 1996, Burlington Resources Oil & Gas Company, as Unit Operator for the San Juan 32-9 Unit, filed the original Plan of Development (POD) and First Amendment of said POD for the calendar year 1996. The program provided for the drilling of four (4) wells: #4B, #37A, #47A & #120 (carried over from 1995), and subsequently the #13 & #42A recompletions and the #17R new drill. All wells were drilled in 1996.

Pursuant to Section 10 of the San Juan 32-9 Unit Agreement, Burlington Resources Oil & Gas Company, as Unit Operator, hereby submits the following wells for the 1997 Plan of Development:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 32-9 Unit #26R	SW Sec. 1, T31N, R10W	Mesaverde
San Juan 32-9 Unit #39A	SE Sec. 26, T32N, R10W	Mesaverde
San Juan 32-9 Unit #49A	SE Sec. 23, T32N, R10W	Mesaverde

Burlington Resources Oil & Gas Company has contacted all applicable working interest owners in these wells and we will only proceed with each project upon concurrence of the owners in accordance with the Unit Agreements.

Burlington Resources Oil & Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or

San Juan 32-9 Unit POD

March 4, 1997

Page 2

desirable by the Unit Operator and the working interest owners.

If this POD is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Alan Alexander
Senior Land Advisor

AA/cj

Enclosures

SJ 32-9 Unit, 3.0 (1997 POD)

APPROVED: _____
Bureau of Land Management

DATE: _____

APPROVED: _____
Commissioner of Public Lands

DATE: _____

APPROVED:  _____
Oil Conservation Division

DATE: 3/7/97

The foregoing approvals for the 1997 Plan of Development for the San Juan 32-9 Unit, #14-08-001-569, San Juan County, New Mexico

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Burlington Resources Oil & Gas Company

Conoco Inc.

Devon Energy Corporation

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

MP San Juan LP

Phillips Petroleum Company

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc.

Williams Production Company



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5795

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

November 25, 1996

Burlington Resources Inc.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Alan Alexander

Re: San Juan 32-9 Unit
Fruitland Participating Area
Sixth Through Ninth Revisions
San Juan County, New Mexico

Dear Mr. Alexander:

We received your letters of October 14, 1996 and November 14, 1996, requesting approval of the Sixth through Ninth Revisions of the Fruitland Participating Area for the San Juan 32-9 Unit.

By their letter of November 1, 1996, the Bureau of Land Management advised this office of their approval of these revisions.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the revisions on the above-mentioned participating areas effective as follows:

The Sixth Revision is effective October 1, 1990.

The Seventh Revision is effective November 1, 1990.

The Eighth Revision is effective April 1, 1991.

The Ninth Revision is effective May 1, 1991.

Burlington Resources, Inc.

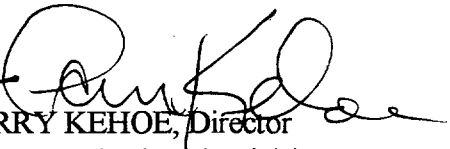
Page 2

November 25, 1996

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File

OCD--Mr. Roy Johnson

TRD--Mr. Valdean Severson

BLM--Mr. Duane Spencer

Commissioner's File

BURLINGTON RESOURCES

SAN JUAN DIVISION

RECEIVED
OCT 18 1996

October 14, 1996

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

RE: San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Sixth Expansion:	Effective 10/1/90
Seventh Expansion:	Effective 11/1/90
Eighth Expansion:	Effective 4/1/91
Ninth Expansion:	Effective 5/1/91

Gentlemen:

Pursuant to Section 11(a) of the Unit Agreement for the referenced Unit, approved June 26, 1953, Burlington Resources Oil & Gas Company, as Unit Operator, has determined that the following wells are capable of producing unitized substances in paying quantities from the Fruitland Coal formation and thereby should be admitted to the Fruitland Participating Area. Pursuant to a BLM letter, attached is a list of all of the wells that have been deemed commercial along with their respective tracts and completion dates.

The Expansion Schedules for the Sixth through the Ninth Participating Areas are enclosed. The schedules describe the Participating Areas and show the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts.

We would appreciate consideration of these Expansions as soon as possible. Please contact Alan Alexander at (505) 326-9757 if there are any questions regarding this matter. Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,



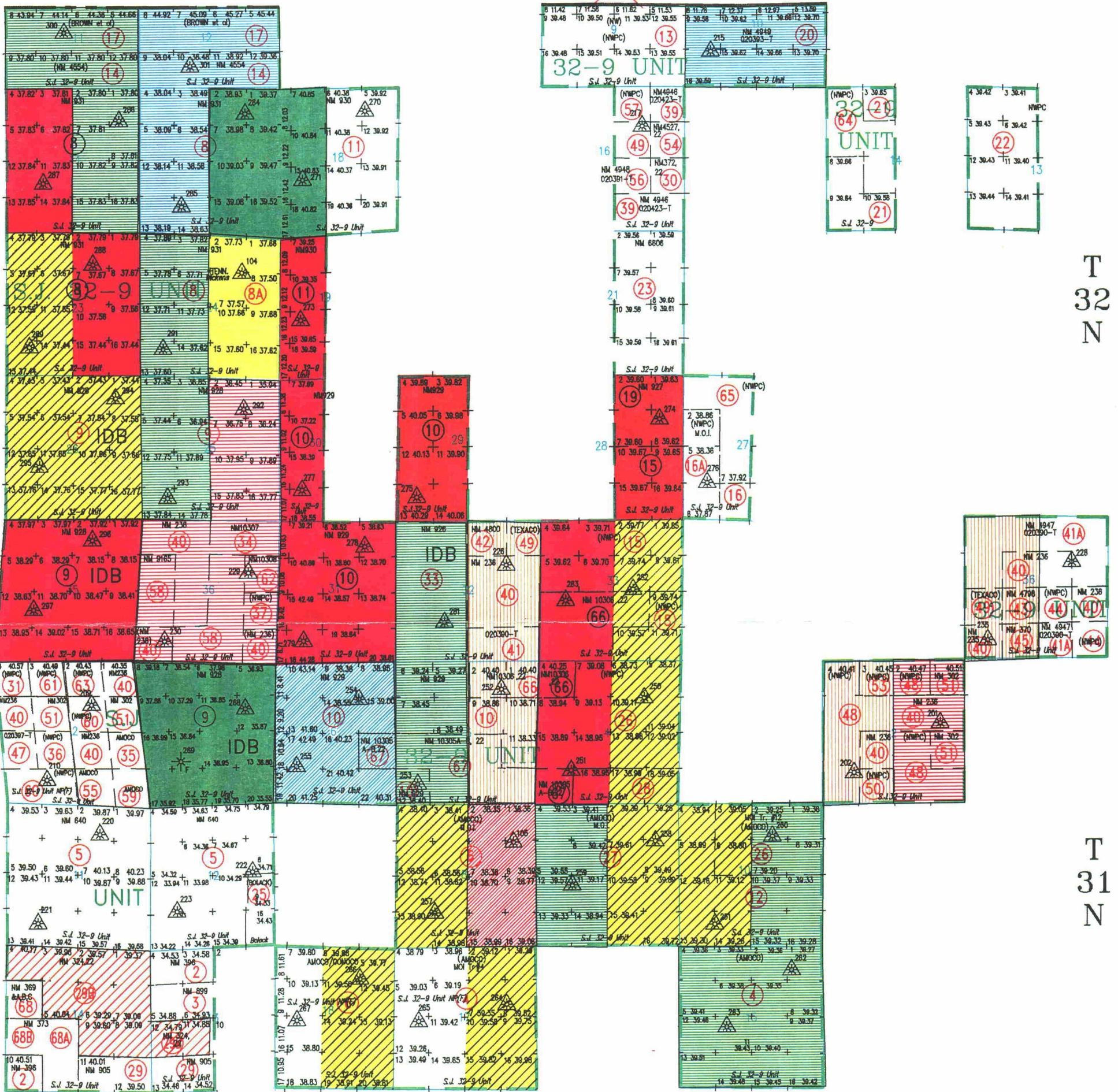
Alan Alexander
Senior Land Advisor

AA:ll
S.J. 32-9 Unit, 4.5

MAP INCLUDED

R10W

R9W



SAN JUAN 32-9 UNIT Fruitland Participating Areas San Juan County, New Mexico

BURLINGTON RESOURCES
LAND DEPARTMENT
October 11, 1996

- | | | |
|--|--|---|
|  Initial Participating Area
Effective 11/28/89 |  Fifth Expansion
Effective 9/1/90 | |
|  First Expansion
Effective 1/1/90 |  Sixth Expansion
Effective 10/1/90 | |
|  Second Expansion
Effective 5/1/90 |  Seventh Expansion
Effective 11/1/90 |  50% W.I. Non-committed
to the unit |
|  Third Expansion
Effective 7/1/90 |  Eighth Expansion
Effective 4/1/91 | |
|  Fourth Expansion
Effective 8/1/90 |  Ninth Expansion
Effective 5/1/91 | |



State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

RAY POWELL, M.S., D.V.M.
COMMISSIONER

June 27, 1996

Meridian Oil Inc.
Post Office Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Alan Alexander

Re: First Amendment
1996 Plan of Development
San Juan 32-9 Unit
San Juan County, New Mexico

Dear Mr. Alexander:

The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:

LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

A handwritten signature in cursive script, appearing to read "Larry Kehoe", is written over the typed name and title.

RP/LK/cpm

cc: Reader File

OCD

TRD

BLM

June 17, 1996

RECEIVED
JUN 21 1996
11 8 52

Bureau of Land Management
Farmington Resource Area
1235 La Plata Hwy.
Farmington, NM 87401

Oil Conservation Division
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87505

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87501

**RE: First Amendment to
1996 Plan of Development
San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico**

Gentlemen:

By letter dated December 12, 1995, Meridian Oil Inc. (Meridian), as Unit Operator for the San Juan 32-9 Unit, filed the Plan of Development (POD) for the calendar year 1996. The program provided for the Drilling of four (4) wells (#4B, #37A, #47A, & #120).

Pursuant to Section 10 of the San Juan 32-9 Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits the following wells for inclusion in the 1996 Plan of Development:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 32-9 Unit #13	SW NE Sec. 14, T31N, R10W	Commingle Pictured Cliffs with existing Mesaverde
San Juan 32-9 Unit #17R	SW SW Sec. 8, T31N, R9W	Mesaverde/Pictured Cliffs
San Juan 32-9 Unit #42A	SW SE Sec. 6, T31N, R9W	Mesaverde/Pictured Cliffs

Meridian has contacted all applicable working interest owners in these wells and we will only proceed with each project upon concurrence of the owners in accordance with the Unit Agreements.

Meridian, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this POD is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to the attention of the undersigned at the letterhead address.

Regulatory Agencies
San Juan 32-9 Unit, 1996 POD
June 17, 1996
Page 2

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Alan Alexander
Senior Land Advisor

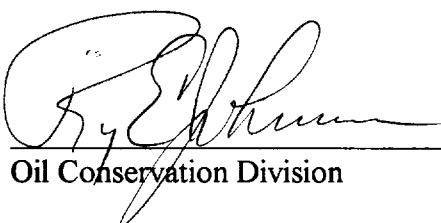
AA/cj
Enclosures
SJ 32-9 Unit, 3.0 (1996 POD)

APPROVED: _____
Bureau of Land Management

DATE: _____

APPROVED: _____
Commissioner of Public Lands

DATE: _____

- APPROVED:  _____
Oil Conservation Division

DATE: 6/24/96

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Conoco Inc.

Devon Energy Corporation

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

Meridian Oil Inc.

Phillips Petroleum Company

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc.

Williams Production Company



State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

April 4, 1996

Meridian Oil Inc.
Post Office Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. Alan Alexander

Re: San Juan 32-9 Unit
Commercial Determination
Fruitland Formation
Rio Arriba County, New Mexico

Dear Mr. Alexander:

We received your letter of October 3, 1995, together with data that supports your commercial determination regarding San Juan 32-9 Unit Well Nos. 104, 274, 284, 220, 221 and 222.

By their letter of October 12, 1995, the Bureau of Land Management advised this office that they have concurred with your determination that the above-mentioned wells were determined to be capable of producing in paying quantities from the Fruitland formation.

The Commissioner of Public Lands concurs with Meridian Oil Inc.'s and the Bureau of Land Management's determination that the above-mentioned wells are commercial in the Fruitland Formation, and entitled to participate in the Fruitland Participating Area.

Please submit an application for the appropriate expansion of the Fruitland Participating Area to this office for approval.

Meridian Oil Inc.

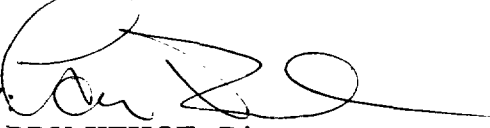
April 4, 1996

Page 2

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 

LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm

cc: Reader File
OCD
TRD
BLM

December 12, 1995

Bureau of Land Management
Farmington Resource Area
1235 La Plata Hwy.
Farmington, NM 87401

Oil Conservation Division
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87505

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87501

DEC 18 1995

RE: 1996 Plan of Development
San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico

Gentlemen:

By letters dated March 1, 1995, August 10, 1995, August 11, 1995, and September 8, 1995, Meridian Oil Inc. (Meridian), as Unit Operator for the San Juan 32-9 Unit, filed the Plan of Development (POD) and First through Third Amendment of said POD for the calendar year 1995. The program provided for the Drilling of six (6) wells (#7A, #15A, #24A, #46A, #119, #120), and the Recompletion of the #4 well.

Pursuant to Section 10 of the San Juan 32-9 Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits the following wells for the 1996 Plan of Development:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 32-9 Unit #120	SE SE Sec. 6, T31N, R9W	Pictured Cliffs
San Juan 32-9 Unit #37A	NW SE Sec. 32, T32N, R9W	Mesaverde/Pictured Cliffs
San Juan 32-9 Unit #47A	SW NW Sec. 4, T31N, R9W	Mesaverde/Pictured Cliffs
San Juan 32-9 Unit #4B	NW SE Sec. 12, T31N, R10W	Mesaverde

Meridian has contacted all applicable working interest owners in these wells and we will only proceed with each project upon concurrence of the owners in accordance with the Unit Agreements.

Meridian, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

Regulatory Agencies
San Juan 32-9 Unit, #14-08-001-569
Page 2

If this POD is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Alan Alexander
Senior Land Advisor

AA/cj
Enclosures
SJ 32-9 Unit, 3.0 (1996 POD)

APPROVED: _____
Bureau of Land Management

DATE: _____

APPROVED: _____
Commissioner of Public Lands

DATE: _____

APPROVED:  _____
Oil Conservation Division

DATE: 12-21-95

The foregoing approvals for the 1996 Plan of Development for the San Juan 32-9 Unit, #14-08-001-569, San Juan County, New Mexico

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Conoco, Inc.

Devon Energy Corporation

El Paso Production Company

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

Meridian Oil Production Inc.

Phillips Petroleum Company

Southland Royalty Company

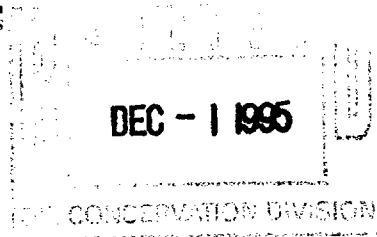
T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc. (formerly ARCO)

Williams Production Company

D - Unit letter
Thx RY



November 29, 1995

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

RE: San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
REVISIONS to Fruitland Participating Area
Initial Participation Area: Effective 11/28/89
Fourth Expansion: Effective 8/1/90
Fifth Expansion: Effective 9/1/90

Gentlemen:

Pursuant to notification from the Bureau of Land Management, enclosed please find the revised captioned Participating Area and Expansions. The Initial Participation Area has been revised to reflect the correct effective date of 11/28/89. The Fourth and Fifth Expansions have been revised to reflect the correct acreage for Tract 4 (630.24 acres).

Again, Meridian would appreciate your consideration of these Expansions as soon as possible. Please contact Alan Alexander at (505) 326-9757 if there are any questions regarding this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Alan Alexander".

Alan Alexander
Senior Land Advisor

AA:ll
S.J. 32-9 Unit, 4.5

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Initial Participating Area - Effective 11/28/89
Total P/A acres=301.02

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #104 (E/2 Sec. 24-32N-10W) 301.02 acres	8A	301.02	Lots 1,2,7-10, 15&16 (E/2)	11/28/89

First Expansion - Effective 1/1/90
Total P/A acres=610.02

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #105 (E/2 Sec. 8-31N-9W) 309.00 acres	6	309.00	Lots 1,2,7-10, 15&16 (E/2)	12/15/89

Second Expansion - Effective 5/1/90
Total P/A acres=1,867.82

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #201 (E/2 Sec. 2-31N-9W) 320.98 acres	40 51 48	80.00 80.51 160.47	S/2 NE/4 Lot 1, NE/SE Lot 2, SE/SE, W/2 SE/4	4/17/90
S. J. 32-9 Unit #230 (W/2 Sec. 36-32N-10W) 320.00 acres	40 58	200.00 120.00	SE/NW, N/2 NW/4, NE/SW, SW/SW SW/NW, SE/SW, NW/SW	4/22/90
S. J. 32-9 Unit #229 (E/2 Sec. 36-32N-10W) 320.00 acres	34 37 40 58 62	80.00 40.00 40.00 120.00 40.00	N/2 NE/4 NE/SE SE/SE SW/NE, W/2 SE/4 SE/4 NE/4	4/28/90
S. J. 32-9 Unit #292 (IDB) (E/2 Sec. 25-32N-10W) 296.82 acres	9	296.82	Lots 1, 2, 7-10, 15, 16 (E/2)	9/27/90

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Third Expansion - Effective 7/1/90
Total P/A acres=3,145.38

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #202	40	40.00	NE/SW	6/13/90
(W/2 Sec. 2-31N-9W)	48	200.41	Lot 4, W/2 SW/4, S/2 NW/4	
320.86 acres	53	40.45	Lot 3	
	50	40.00	SE/SW	
S. J. 32-9 Unit #235	40	80.00	SE/NW, SW/SW	6/20/90
(W/2 Sec. 36-32N-9W)	45	40.00	SE/SW	
320.00 acres	41A	120.00	N/2 NW/4, SW/NW	
	43	40.00	NE/SW	
	49	40.00	NW/SW	
S. J. 32-9 Unit #226	40	160.00	S/2 NE/4, N/2 SE/4	6/29/90
(E/2 Sec. 32-32N-9W)	42	40.00	NW/NE	
320.00 acres	49	40.00	NE/NE	
	41	80.00	S/2 SE/4	
S. J. 32-9 Unit #252 (IDB)	10	115.90	Lots 9-11	8/10/90
(E/2 Sec. 5-31N-9W)	66	80.80	Lots 1 & 2	
316.70 acres	67	120.00	S/2 SE/4, NW/SE	

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Fourth Expansion - Effective 8/1/90
Total P/A acres=6,271.13

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #259 (W/2 Sec. 9-31N-9W) 314.92 acres	27	314.92	Lots 3-6, 11-14 (W/2)	7/6/90
S. J. 32-9 Unit #286 (E/2 Sec. 14-32N-10W) 302.52 acres	8	302.52	Lots 1, 2, 7-10, 15 & 16 (E/2)	7/10/90
S. J. 32-9 Unit #263 (W/2 Sec. 15-31N-9W) 315.36 acres	4	315.36	Lots 3-6, 11-14 (W/2)	7/14/90
S. J. 32-9 Unit #291 (W/2 Sec. 24-32N-10W) 301.86 acres	8	301.86	Lots 3-6, 11-14 (W/2)	7/16/90
S. J. 32-9 Unit #281 (W/2 Sec. 32-32N-9W) 320.00 acres	33	320.00	W/2	7/20/90
S. J. 32-9 Unit #253 (W/2 Sec. 5-31N-9W) 313.85 acres	10 67	193.85 120.00	Lots 5-8 & 12 E/2 SW/4, NW/SW	7/24/90
S. J. 32-9 Unit #262 (E/2 Sec. 15-31N-9W) 314.88 acres	4	314.88	Lots 1, 2, 7-10, 15 & 16 (E/2)	7/24/90
S. J. 32-9 Unit #300 (All Sec. 11-32N-10W) 328.30 acres	17 14	177.10 151.20	Lots 9-12 Lots 5-8	7/27/90
S. J. 32-9 Unit #260 (E/2 Sec. 10-31N-9W) 314.42 acres	12 26	157.30 157.12	Lots 9, 10, 15 & 16 (SE/4) Lots 1, 2, 7 & 8 (NE/4)	7/31/90
S. J. 32-9 Unit #293 (IDB) (W/2 Sec. 25-32N-10W) 299.64 acres	9	299.64	Lots 3-6, 11-14 (W/2)	4/7/91

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Fifth Expansion - Effective 9/1/90
Total P/A acres=7,805.18

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #254	10	275.84	Lots 8, 9, 14-16, 21 & 22	8/2/90
(E/2 Sec. 6-31N-9W)	67	40.00	NE/SE	
315.84 acres				
S. J. 32-9 Unit #301	17	180.72	Lots 5-8	8/4/90
(All Sec. 12-32N-10W)	14	154.80	Lots 9-12	
335.52 acres				
S. J. 32-9 Unit #255	10	208.15	Lots 10-13, 17-20	8/23/90
(W/2 Sec. 6-31N-9W)				
208.15 acres				
S. J. 32-9 Unit #285 (IDB)	8	306.70	Lots 3-6, 11-14	4/16/91
(W/2 Sec. 13-32N-10W)				
306.70 acres				
S. J. 32-9 Unit #215	20	367.84	Lots 5-16	8/12/90
(All Sec. 10-32N-9W)				
367.84 acres				

RUN DATE 11/28/95
RUN TIME 11:15:00

MERIDIAN OIL INC
SCHEDULE J
THE 000 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078504	032N 010W	301.02		TRACT: 008A	3.000000	100.000000
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		12.500000	
			TOTAL		100.000000	

REMARKS:
SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8. FINA WENT
NON-CONSENT IN WELL #104, APO FINA 50%,
AMOCO 25%, & CONOCO 25%.
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 11/28/89

RUN DATE 11/28/95

RUN TIME 11:15:40

MERIDIAN OIL INC
SCHEDULE J

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R E C A P I T U L A T I O N
THE 000 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL
SAN JUAN 32-9 UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 032N , RANGE 010W

SECTION 24 : LOTS 1,2,7-10,

15& (E/2)

TOTAL COMMITTED:

301.02

TOTAL ACRES NON-COMMITTED:

0.00

301.02

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

EFFECTIVE DATE:11/28/89

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078386	031N 009W	630.24	ORRI:	TRACT: 004		10.049863
	SEC. 15 LOTS 1-16 (ALL)		ROYALTY:		13.000000	
			WORKING INTEREST:		12.500000	
			AMOCO PRODUCTION COMPANY		37.250000	
			CONOCO INC/DELHI		37.250000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #263 & 262

SF-078438	031N 009W	309.00	ORRI:	TRACT: 006		4.927342
	SEC. 08 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY:		13.000000	
			WORKING INTEREST:		12.500000	
			AMOCO PRODUCTION COMPANY		37.250000	
			CONOCO INC/DELHI		37.250000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	604.38	ORRI:	TRACT: 008		9.637497
	SEC. 14 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY:		3.000000	
			WORKING INTEREST:		12.500000	
	SEC. 24 LOTS 3-6, 11-14(W/2)		AMOCO PRODUCTION COMPANY		21.125000	
			CONOCO INC/DELHI		21.125000	
			DEVON ENERGY CORPORATION		42.250000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #286 & #291

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:00

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078504	032N 010W	301.02	ORRI:	TRACT: 008A		4.800092
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		3.000000 12.500000 42.250000 42.250000	----- ----- ----- -----
	TOTAL				100.000000	100.000000

REMARKS:

SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8, FINA WENT
NON-CONSENT IN WELL #104, APO TRACT #8A
ACREAGE WILL BE ADDED TO TRACT #8 TO
REFLECT FINA'S 50% GWI.

SF-078507	032N 010W	596.46	ORRI:	TRACT: 009		9.511204
	SEC. 25 LOTS 1-16 (ALL)		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		3.000000 12.500000 21.125000 21.125000 42.250000	----- ----- ----- ----- -----
	TOTAL				100.000000	100.000000

REMARKS:

SJ 32-9 UNIT WELL #292 (IDB) &
#293 (IDB)

SF-078509	031N 009W	309.75	ORRI:	TRACT: 010		4.939301
	SEC. 05 LOTS 5-12		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		3.000000 12.500000 21.125000 21.125000 42.250000	----- ----- ----- ----- -----
	TOTAL				100.000000	100.000000

REMARKS:

SJ 32-9 UNIT WELL #252 (IDB) & 253

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:00

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078626	031N 009W	157.30		TRACT: 012			2.508320
	SEC. 10 LOTS 9, 10, 15 & 16 (SE/4)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		13.000000 12.500000 37.250000 37.250000 100.000000	13.000000 12.500000 37.250000 37.250000 100.000000	----- ----- ----- ----- -----
			TOTAL				
NM-014227	032N 010W	151.20		TRACT: 014			2.411049
	SEC. 11 LOTS 9-12 (S/2 S/2)		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		12.500000 12.500000 75.000000 100.000000	12.500000 12.500000 75.000000 100.000000	----- ----- ----- -----
			TOTAL				
SF-079143	032N 010W	177.10		TRACT: 017			2.824052
	SEC. 11 LOTS 5-8		ORRI: ROYALTY: WORKING INTEREST: JOHN S BROWN JR JAMES M RAYMOND T H MCELVAIN OIL & GAS LTD PAR		12.500000 43.750000 8.750000 35.000000 100.000000	12.500000 43.750000 8.750000 35.000000 100.000000	----- ----- ----- ----- -----
			TOTAL				

REMARKS: SJ 32-9 UNIT WELL #260

REMARKS: SJ 32-9 UNIT WELL #300

REMARKS: SJ 32-9 UNIT WELL #300

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:11

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080133	031N 009W	157.12	TRACT: 026	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	5.000000 12.500000 82.500000 100.000000	2.505449 ----- ----- -----
	SEC. 10 LOTS 1,2,7&8 (NE/4)			TOTAL		

REMARKS:
SJ 32-9 UNIT WELL #260
PHILLIPS WENT NON-CONSENT IN WELL #260,
APO PHILLIPS 82%, WILLIAMS 18%.

SF-080376	031N 009W	314.92	TRACT: 027	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI	13.000000 12.500000 37.250000 37.250000 100.000000	5.021742 ----- ----- ----- -----
	SEC. 09 LOTS 3-6&11-14 (W/2)			TOTAL		

REMARKS:
1% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #259

E-178-10	032N 009W	320.00	TRACT: 033	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION	5.000000 12.500000 20.625000 20.625000 41.250000 100.000000	5.102749 ----- ----- ----- ----- -----
	SEC. 32 W/2			TOTAL		

REMARKS:
5% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #281

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:11

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC

SCHEDULE V

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-286-30	032N 010W	80.00	TRACT: 034			1.275687
	SEC. 36 N/2 NE/4		ORRI:			
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			DEVON ENERGY CORPORATION		87.500000	87.500000
			TOTAL		100.000000	100.000000
REMARKS: SJ 32-9 UNIT WELL #229						
E-286-37	032N 010W	40.00	TRACT: 037			0.637844
	SEC. 36 NE/4 SE/4		ORRI:			
			ROYALTY:		3.000000	3.000000
			WORKING INTEREST:		12.500000	12.500000
			WILLIAMS PRODUCTION COMPANY		15.210000	15.210000
			PHILLIPS-SAN JUAN PARTNERS LP		69.290000	69.290000
			TOTAL		100.000000	100.000000
REMARKS: SJ 32-9 UNIT WELL #229						
E-3150-11	031N 009W	600.00	TRACT: 040			9.567654
	SEC. 02 S/2 NE, NE/SW		ORRI:			
	032N 009W		ROYALTY:		5.000000	5.000000
			WORKING INTEREST:		12.500000	12.500000
			EL PASO PRODUCTION CO		82.500000	82.500000
	SEC. 32 S/2 NE, N/2 SE					
	032N 010W					
	SEC. 36 SE/SE, SE/NW,					
	N/2 NW, NE/SW, SW/SW					
	032N 009W					
	SEC. 36 SE/NW, SW/SW					
			TOTAL		100.000000	100.000000
REMARKS: SJ 32-9 UNIT WELL#201, #230, #229, #202, #235 & #226						

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:14

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC
SCHEDULE V

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3520-1	032N 009W	80.00	ORRI:	TRACT: 041			1.275687
	SEC. 32 S/2 SE/4		ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY CO		12.500000	12.500000	
			TOTAL		87.500000	87.500000	
					100.000000	100.000000	
REMARKS: SJ 32-9 UNIT WELL #226							
E-3520-1	032N 009W	120.00	ORRI:	TRACT: 041A			1.913531
	SEC. 36 N/2 NW, SW/NW		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		12.500000	12.500000	
			TOTAL		12.500000	12.500000	
					75.000000	75.000000	
					100.000000	100.000000	
REMARKS: SJ 32-9 UNIT WELL #235							
E-3555-18	032N 009W	40.00	ORRI:	TRACT: 042			0.637844
	SEC. 32 NW/4 NE/4		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO CONOCO INC		5.000000	5.000000	
			TOTAL		12.500000	12.500000	
					49.500000	49.500000	
					33.000000	33.000000	
					100.000000	100.000000	
REMARKS: SJ 32-9 UNIT WELL #226							

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:17

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC
SCHEDULE V

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3867-2	032N 009W	40.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 043	12.500000 12.500000 75.000000 100.000000	0.637844 ----- ----- -----
	SEC. 36 NE/4 SW/4					
			TOTAL			
REMARKS: SJ 32-9 UNIT WELL #235						
E-5116-7	032N 009W	40.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 045	5.000000 12.500000 82.500000 100.000000	0.637844 ----- ----- -----
	SEC. 36 SE/SW					
			TOTAL			
REMARKS: SJ 32-9 UNIT WELL #235						
E-5381-4	031N 009W	360.88	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 048	12.500000 87.500000 100.000000	5.754625 ----- -----
	SEC. 02 LOTS 2 & 4, S/2 NW,					
	SEC. 02 ...W/2 SW, SE/SE, W/2 SE					
			TOTAL			
REMARKS: SJ 32-9 UNIT WELL #201 & #202 PHILLIPS WENT NON-CONSENT IN WELL #201 & #202, APO PHILLIPS 82%, WILLIAMS 18%.						

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:21

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC

SCHEDULE V

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
E-5382	032N 009W	80.00		TRACT: 049		1.275687
	SEC. 32 NE/4 NE/4		ORRI:			
	SEC. 36 NW/4 SW/4		ROYALTY:		12.500000	12.500000
			WORKING INTEREST:		87.500000	87.500000
			FOUR STAR OIL & GAS COMPANY		100.000000	100.000000
			TOTAL			
E-5464-4	031N 009W	40.00		TRACT: 050		0.637844
	SEC. 02 SE/4 SW/4		ORRI:			
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:		87.500000	87.500000
			WILLIAMS PRODUCTION COMPANY		100.000000	100.000000
			TOTAL			
E-5843-1	031N 009W	80.51		TRACT: 051		1.283820
	SEC. 02 LOT 1, NE/SE		ORRI:			
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:		87.500000	87.500000
			EL PASO PRODUCTION CO		100.000000	100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #235 & #226

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

REMARKS: SJ 32-9 UNIT WELL #201

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:21

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10938-50	031N 009W	40.45	TRACT: 053	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	5.000000 12.500000 82.500000 100.000000	0.645019 ----- ----- -----
SEC. 02	LOT 3			TOTAL		

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

B-11127-3	032N 010W	240.00	TRACT: 058	ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC	12.500000 87.500000 100.000000	3.827061 ----- -----
	SEC. 36	SH/NE, SW/NW, W/2 SE, SE/SW, NW/SW		TOTAL		

REMARKS: SJ 32-9 UNIT WELL #230 & #229

B-11318-33	032N 010W	40.00	TRACT: 062	ORRI: ROYALTY: WORKING INTEREST: DEVON ENERGY CORPORATION	12.500000 87.500000 100.000000	0.637844 ----- -----
	SEC. 36	SE/4 NE/4		TOTAL		

REMARKS: SJ 32-9 UNIT WELL #229

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:21

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL PARTICIPATION
FEE	031N 009W	80.80	ORRI:	TRACT: 066		1.288444	
	SEC. 05 LOTS 1, 2		ROYALTY:		12.500000		
			WORKING INTEREST:		87.500000		
			DEVON ENERGY CORPORATION		100.000000		
			TOTAL				

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)

MOSS, JAKE AND 031N 009W	240.00	TRACT: 067		3.827061
SEC. 05 SE/SE, NW/SW,		ORRI:		
E/2 SW, W/2 SE		ROYALTY:	12.500000	
		WORKING INTEREST:	87.500000	
		DEVON ENERGY CORPORATION	100.000000	
		TOTAL		

REMARKS: SJ 32-9 UNIT WELL #252 (IDB) & #253
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:41

MERIDIAN OIL INC
SCHEDULE V

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R E C A P I T U L A T I O N
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL
SAN JUAN 32-9 UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 031N , RANGE 009W		
SECTION 02 : LOTS 2 & 4,	S/2 NW,	
SECTION 02 : --W/2 SW,	SE/SE, W/2 SE	
SECTION 02 : SE/4 SW/4		
SECTION 02 : LOT 1, NE/SE		
SECTION 02 : LOT 3		
SECTION 02 : S/2 NE, NE/SW		
SECTION 05 : LOTS 5-12		
SECTION 05 : LOTS 1, 2		
SECTION 05 : SE/SE, NW/SW,	E/2 SW, W/2 SE	
SECTION 08 : LOTS 1,2,7-10,	15&16 (E/2)	
SECTION 09 : LOTS 3-6&11-14	(W/2)	
SECTION 10 : LOTS 1,2,7&8	(NE/4)	
SECTION 10 : LOTS 9,10,15&	16(SE/4)	
SECTION 15 : LOTS 1-16	(ALL)	
TOWNSHIP 032N , RANGE 009W		
SECTION 32 : W/2		
SECTION 32 : S/2 NE, N/2 SE		
SECTION 32 : S/2 SE/4		
SECTION 32 : NW/4 NE/4		
SECTION 32 : NE/4 NE/4		
SECTION 36 : SE/SW		
SECTION 36 : NW/4 SW/4		
SECTION 36 : NE/4 SW/4		
SECTION 36 : N/2 NW, SW/NW		
SECTION 36 : SE/NW, SW/SW		
TOWNSHIP 032N , RANGE 010W		
SECTION 11 : LOTS 9-12	(S/2 S/2)	
SECTION 11 : LOTS 5-8		
SECTION 14 : LOTS 1,2,7-10,	15&16 (E/2)	
SECTION 24 : LOTS 3-6,	11-14(W/2)	
SECTION 24 : LOTS 1,2,7-10,	15&16 (E/2)	
SECTION 25 : LOTS 1-16	(ALL)	
SECTION 36 : N/2 NE/4		
SECTION 36 : NE/4 SE/4		
SECTION 36 : SE/SE, SE/NW, N/2 NW, NE/SW,SW/SW		
SECTION 36 : SW/NE, SW/NW, W/2 SE, SE/SW,NW/SW		
SECTION 36 : SE/4 NE/4		
TOTAL COMMITTED:	6,271.13	0.00

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 6,271.13
EFFECTIVE DATE:08/01/90

RUN DATE 11/28/95
RUN TIME 11:15:21

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078386	031N 009W	630.24		TRACT: 004		8.074638
	SEC. 15	LOTS 1-16 (ALL)	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		13.000000 12.500000 37.250000 37.250000 100.000000	----- ----- ----- ----- -----
			TOTAL		100.000000	-----

REMARKS: SJ 32-9 UNIT WELL #263 & 262

SF-078438	031N 009W	309.00		TRACT: 006		3.958909
	SEC. 08	LOTS 1,2,7-10, 15&16 (E/2)	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		13.000000 12.500000 37.250000 37.250000 100.000000	----- ----- ----- ----- -----
			TOTAL		100.000000	-----

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	911.08		TRACT: 008		11.672761
	SEC. 13	LOTS 3 - 6, 11-14(W/2)	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		3.000000 12.500000 21.125000 21.125000 42.250000	----- ----- ----- ----- -----
	SEC. 14	LOTS 1,2,7-10, 15&16 (E/2)			21.125000 21.125000 42.250000	----- ----- -----
	SEC. 24	LOTS 3 - 6, 11-14(W/2)			21.125000 21.125000 42.250000	----- ----- -----
			TOTAL		100.000000	-----

REMARKS: SJ 32-9 UNIT WELL #285, #286 & #291

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:21

THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC

SCHEDULE VI

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL PARTICIPATION
SF-078504	032N 010W	301.02	ORRI:	TRACT: 008A	3.000000	3.000000	3.856670
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		12.500000	12.500000	
					42.250000	42.250000	
					42.250000	42.250000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8, FINA WENT
NON-CONSENT IN WELL #104, APO TRACT #8A
ACREAGE WILL BE ADDED TO TRACT #8 TO
REFLECT FINA'S 50% GWI.

SF-078507	032N 010W	596.46	ORRI:	TRACT: 009	3.000000	3.000000	7.641848
	SEC. 25 LOTS 1-16 (ALL)		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		12.500000	12.500000	
					21.125000	21.125000	
					21.125000	21.125000	
					42.250000	42.250000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #292 (IDB) &
#293 (IDB)

SF-078509	031N 009W	793.74	ORRI:	TRACT: 010	3.000000	3.000000	10.169400
	SEC. 05 LOTS 5-12		ROYALTY:		12.500000	12.500000	
	SEC. 06 LOTS 8-22		WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		21.125000	21.125000	
					21.125000	21.125000	
					42.250000	42.250000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #252 (IDB), #253,

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:21

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION

#254, & #255							

SF-078626	031N 009W	157.30	TRACT: 012		13.000000	13.000000	2.015328
	SEC. 10	LOTS 9,10,15& 16(SE/4)	ORRI:		12.500000	12.500000	-----
			ROYALTY:				
			WORKING INTEREST:				
			AMOCO PRODUCTION COMPANY		37.250000	37.250000	
			CONOCO INC/DELHI		37.250000	37.250000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #260

NM-014227	032N 010W	306.00	TRACT: 014		12.500000	12.500000	3.920473
	SEC. 11	LOTS 9-12	ORRI:		12.500000	12.500000	-----
		(S/2 S/2)	ROYALTY:				
	SEC. 12	LOTS 9-12	WORKING INTEREST:		75.000000	75.000000	
			EL PASO PRODUCTION CO		-----	-----	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #300 & #301

SF-079143	032N 010W	357.82	TRACT: 017		12.500000	12.500000	4.584392
	SEC. 11	LOTS 5-8	ORRI:				-----
		LOTS 5-8	ROYALTY:				
	SEC. 12		WORKING INTEREST:		43.750000	43.750000	
			JOHN S BROWN JR		8.750000	8.750000	
			JAMES M RAYMOND		35.000000	35.000000	
			T H MCELVAIN OIL & GAS LTD PAR		-----	-----	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #300 & #301

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:27

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079320	032N 009W	367.84	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 020	8.000000 12.500000 79.500000 100.000000	4.712768 -----
	SEC. 10 LOTS 5-16 ALL					
			TOTAL			
REMARKS: SJ 32-9 UNIT WELL #215						
SF-080133	031N 009W	157.12	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 026	5.000000 12.500000 82.500000 100.000000	2.013022 -----
	SEC. 10 LOTS 1,2,7&8 (NE/4)					
			TOTAL			
REMARKS: SJ 32-9 UNIT WELL #260 PHILLIPS WENT NON-CONSENT IN WELL #260, APO PHILLIPS 82%, WILLIAMS 18%.						
SF-080376	031N 009W	314.92	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI	TRACT: 027	13.000000 12.500000 37.250000 37.250000 100.000000	4.034757 -----
	SEC. 09 LOTS 3-6&11-14 (W/2)					
			TOTAL			
REMARKS: 1% OF THE ORRI IS UNCOMMITTED TO THE UNIT. SJ 32-9 UNIT WELL #259						

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:27

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-178-10	032N 009W	320.00	TRACT: 033	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION	5.000000 12.500000 20.625000 20.625000 41.250000	4.099841
	SEC. 32 W/2			TOTAL	100.000000	

REMARKS:
5% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #281

E-286-30	032N 010W	80.00	TRACT: 034	ORRI: ROYALTY: WORKING INTEREST: DEVON ENERGY CORPORATION	12.500000 87.500000 100.000000	1.024960
	SEC. 36 N/2 NE/4			TOTAL		

REMARKS:
SJ 32-9 UNIT WELL #229

E-286-37	032N 010W	40.00	TRACT: 037	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS-SAN JUAN PARTNERS LP	3.000000 12.500000 15.210000 69.290000	0.512480
	SEC. 36 NE/4 SE/4			TOTAL	100.000000	

REMARKS:
SJ 32-9 UNIT WELL #229

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:31

THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC
SCHEDULE VI

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3150-11	031N 009W	600.00		TRACT: 040			7.687203
	SEC. 02 S/2 NE, NE/SW		ORRI:		5.000000	5.000000	
	032N 009W		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		82.500000	82.500000	
	SEC. 32 S/2 NE, N/2 SE						
	032N 010W						
	SEC. 36 SE/SE, SE/NW,						
	N/2 NW, NE/SW, SW/SW						
	032N 009W						
	SEC. 36 SE/NW, SW/SW						

TOTAL

REMARKS:

SJ 32-9 UNIT WELL #201, #230,
#229, #202, #235 & #226

E-3520-1	032N 009W	80.00		TRACT: 041			1.024960
	SEC. 32 S/2 SE/4		ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		87.500000	87.500000	
			SOUTHLAND ROYALTY CO				
					100.000000	100.000000	
			TOTAL				

REMARKS:

SJ 32-9 UNIT WELL #226

E-3520-1	032N 009W	120.00		TRACT: 041A			1.537441
	SEC. 36 N/2 NW, SW/NW		ORRI:		12.500000	12.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		75.000000	75.000000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #235

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:34

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3555-18	032N 009W	40.00	TRACT: 042			0.512480
	SEC. 32 NW/4 NE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	49.500000	49.500000	
			CONOCO INC	33.000000	33.000000	
			TOTAL	100.000000	100.000000	
REMARKS: SJ 32-9 UNIT WELL #226						
E-3867-2	032N 009W	40.00	TRACT: 043			0.512480
	SEC. 36 NE/4 SW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
REMARKS: SJ 32-9 UNIT WELL #235						
E-5116-7	032N 009W	40.00	TRACT: 045			0.512480
	SEC. 36 SE/SW		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
REMARKS: SJ 32-9 UNIT WELL #235						

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:38

THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC

SCHEDULE VI

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5381-4	031N 009W	360.88	ORRI:	TRACT: 048			4.623596
	SEC. 02 LOTS 2 & 4,		ROYALTY:		12.500000	12.500000	
	S/2 NW,		WORKING INTEREST:		87.500000	87.500000	
	SEC. 02 --W/2 SW,		WILLIAMS PRODUCTION COMPANY				
	SE/SE, W/2 SE						
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #201 & #202
PHILLIPS WENT NON-CONSENT IN WELL #201 &
#202, APO PHILLIPS 82%, WILLIAMS 18%.

E-5382	032N 009W	80.00	ORRI:	TRACT: 049			1.024960
	SEC. 32 NE/4 NE/4		ROYALTY:		12.500000	12.500000	
	SEC. 36 NW/4 SW/4		WORKING INTEREST:		87.500000	87.500000	
			FOUR STAR OIL & GAS COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #235 & #226

E-5464-4	031N 009W	40.00	ORRI:	TRACT: 050			0.512480
	SEC. 02 SE/4 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		87.500000	87.500000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:38

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5843-1	031N 009W	80.51	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 051	12.500000	12.500000	1.031495
	SEC. 02 LOT 1, NE/SE				87.500000	87.500000	
			TOTAL		100.000000	100.000000	
B-10938-50	031N 009W	40.45	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 053	5.000000	5.000000	0.518246
	SEC. 02 LOT 3				12.500000	12.500000	
			TOTAL		82.500000	82.500000	
					100.000000	100.000000	
B-11127-3	032N 010W	240.00	ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC	TRACT: 058	12.500000	12.500000	3.074881
	SEC. 36 SW/NE, SW/NW, W/2 SE, SE/SW,NW/SW				87.500000	87.500000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #201

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

REMARKS: SJ 32-9 UNIT WELL #230 & #229

EFFECTIVE 09/01/90

RUN DATE 11/28/95
RUN TIME 11:15:38

THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC
SCHEDULE VI

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
B-11318-33	032N 010W	40.00		TRACT: 062		0.512480
SEC. 36	SE/4 NE/4		ORRI:			
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			DEVON ENERGY CORPORATION		87.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #229

FEE	031N 009W	80.80		TRACT: 066		1.035210
SEC. 05	LOTS 1, 2		ORRI:			
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			DEVON ENERGY CORPORATION		87.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)

MOSS, JAKE AND	031N 009W	280.00		TRACT: 067		3.587361
SEC. 05	SE/SE, NW/SW, E/2 SW, W/2 SE		ORRI:			
			ROYALTY:		12.500000	
SEC. 06	NE/4 SE/4		WORKING INTEREST:			
			DEVON ENERGY CORPORATION		87.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #252(IDB), #253& #254
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 09/01/90

RECAPITULATION
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL
SAN JUAN 32-9 UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 031N , RANGE 009W	
SECTION 02 : S/2 NE, NE/SW	
SECTION 02 : LOTS 2 & 4,	
SECTION 02 : ...W/2 SW,	S/2 NW,
SECTION 02 : SE/4 SW/4	SE/SE, W/2 SE
SECTION 02 : LOT 1, NE/SE	
SECTION 02 : LOT 3	
SECTION 05 : LOTS 1, 2	
SECTION 05 : SE/SE, NW/SW,	E/2 SW, W/2 SE
SECTION 05 : LOTS 5-12	
SECTION 06 : LOTS 8-22	
SECTION 06 : NE/4 SE/4	
SECTION 08 : LOTS 1,2,7-10,	15&16 (E/2)
SECTION 09 : LOTS 3-6&11-14	(W/2)
SECTION 10 : LOTS 1,2,7&8	(NE/4)
SECTION 10 : LOTS 9,10,15&	16(SE/4)
SECTION 15 : LOTS 1-16	(ALL)
TOWNSHIP 032N , RANGE 009W	
SECTION 10 : LOTS 5-16 ALL	
SECTION 32 : W/2	
SECTION 32 : S/2 NE, N/2 SE	
SECTION 32 : S/2 SE/4	
SECTION 32 : NW/4 NE/4	
SECTION 32 : NE/4 NE/4	
SECTION 36 : SE/SW	
SECTION 36 : NW/4 SW/4	
SECTION 36 : NE/4 SW/4	
SECTION 36 : N/2 NW, SW/NW	
SECTION 36 : SE/NW, SW/SW	
TOWNSHIP 032N , RANGE 010W	
SECTION 11 : LOTS 5-8	(S/2 S/2)
SECTION 11 : LOTS 9-12	
SECTION 12 : LOTS 9-12	
SECTION 12 : LOTS 5-8	
SECTION 13 : LOTS 3 - 6,	11-14(W/2)
SECTION 14 : LOTS 1,2,7-10,	15&16 (E/2)
SECTION 24 : LOTS 3 - 6,	11-14(W/2)
SECTION 24 : LOTS 1,2,7-10,	15&16 (E/2)
SECTION 25 : LOTS 1-16	(ALL)
SECTION 36 : N/2 NE/4	
SECTION 36 : NE/4 SE/4	
SECTION 36 : SE/SE, SE/NW, N/2 NW, NE/SW, SW/SW	
SECTION 36 : SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW	
SECTION 36 : SE/4 NE/4	
TOTAL COMMITTED:	7,805.18
TOTAL ACRES NON-COMMITTED:	0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 7,805.18
EFFECTIVE DATE:09/01/90

DATE: 11/28/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSTION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 1

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 11/28/89

UNIT NAME

FORM NAME

EXP.

OWNER # NAME

COMTED. ACRES PART/FACTOR REV. FACTOR

741	SAN JUAN 32-9	1238	FRUITLAND COAL	000	031116-10	AMOCO PRODUCTION COMPANY	150.510000	50.000000	42.250000
					050080-01	CONOCO INC/DELHI	150.510000	50.000000	42.250000
							301.020000	100.000000	84.500000

DATE: 11/28/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 2

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 08/01/90

UNIT NAME FORM NAME 1238 FRUITLAND COAL

741 SAN JUAN 32-9 004

OWNER #	NAME	CONTE.	ACRES	PART/FACTOR	REV. FACTOR
031116-10	AMOCO PRODUCTION COMPANY	1,313.887500	20.951368	16.553028	
031008-07	CONOCO INC	16.000000	0.255137	0.210488	
050080-01	CONOCO INC/DELHI	1,313.887500	20.951368	16.553028	
031437-01	DEVON ENERGY CORPORATION	1,356.095000	21.624412	18.432470	
999030-01	EL PASO PRODUCTION CO	1,055.710000	16.834446	13.580429	
023319-01	FOUR STAR OIL & GAS COMPANY	80.000000	1.275687	1.116226	
033854-02	JAMES M RAYMOND	17.710000	0.282405	0.247104	
055266-01	JOHN S BROWN JR	88.550000	1.412026	1.235523	
999022-02	MERIDIAN OIL PRODUCTION INC	240.000000	3.827062	3.348678	
094258-01	PHILLIPS-SAN JUAN PARTNERS LP	32.800000	0.523032	0.441962	
999001-01	SOUTHLAND ROYALTY CO	80.000000	1.275687	1.116226	
077799-01	T H MCELVAIN OIL & GAS LTD PAR	70.840000	1.129621	0.988418	
066557-01	WILLIAMS PRODUCTION COMPANY	605.650000	9.657749	8.289562	
		6,271.130000	100.000000	82.113142	

DATE: 11/28/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 3

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 09/01/90

UNIT NAME FORM NAME

EXP.

OWNER # NAME

COMTE D. ACRES PART/FACTOR

REV. FACTOR

741	SAN JUAN 32-9	1238	FRUITLAND COAL	005	031116-10	AMOCO PRODUCTION COMPANY	1,511.560000	19.366113	15.439683
					031008-07	CONOCO INC	16.000000	0.204992	0.169118
					050080-01	CONOCO INC/DELHI	1,511.560000	19.366113	15.439686
					031437-01	DEVON ENERGY CORPORATION	1,791.440000	22.951937	19.538189
					999030-01	EL PASO PRODUCTION CO	1,578.350000	20.221827	16.145422
					023319-01	FOUR STAR OIL & GAS COMPANY	80.000000	1.024960	0.896840
					033854-02	JAMES M RAYMOND	35.782000	0.458439	0.401134
					055266-01	JOHN S BROWN JR	178.910000	2.292196	2.005672
					999022-02	MERIDIAN OIL PRODUCTION INC	240.000000	3.074881	2.690521
					094258-01	PHILLIPS-SAN JUAN PARTNERS LP	32.800000	0.420234	0.355098
					999001-01	SOUTHLAND ROYALTY CO	80.000000	1.024960	0.896840
					077799-01	T H MCELVAIN OIL & GAS LTD PAR	143.128000	1.833757	1.604537
					066557-01	WILLIAMS PRODUCTION COMPANY	605.650000	7.759591	6.660310
							7,805.180000	100.000000	82.243050

11-14-95
D- Unit letter
TAC 122

November 7, 1995

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

RE: San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area
Initial Participation Area: Effective 11/30/89
First Expansion: Effective 1/1/90
Second Expansion: Effective 5/1/90
Third Expansion: Effective 7/1/90
Fourth Expansion: Effective 8/1/90
Fifth Expansion: Effective 9/1/90

Gentlemen:

Please find enclosed revised schedules for the referenced expansions. The schedules have been revised to reflect the non-commercial determinations in the BLM letter dated September 16, 1993 for the #209-E/2 Sec. 2-31N-10W and #228-E/2 Sec.36-32N-R9W. In referenced to BLM letter dated October 12, 1995, the #104 well was determined to be capable of producing in paying quantities and is included in the participating area.

The wells on the attached spreadsheet have been previously determined commercial per BLM letter dated September 16, 1993 from the Fruitland formation and are included in the Participating Areas.

The Expansion Schedules for the Initial through the Fifth Participating Areas are enclosed. The schedules describe the Participating Areas and show the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts.

We would appreciate your consideration of these Expansions as soon as possible. Please contact Alan Alexander at (505) 326-9757 if there are any questions regarding this matter.

Regulatory Agencies
November 7, 1995
Page 2.

Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Alan Alexander".

Alan Alexander
Senior Land Advisor

AA:ll
S.J. 32-9 Unit, 4.5

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Initial Participating Area - Effective 11/30/89
Total P/A acres=301.02

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #104 (E/2 Sec. 24-32N-10W) 301.02 acres	8A	301.02	Lots 1,2,7-10, 15&16 (E/2)	11/30/89

First Expansion - Effective 1/1/90
Total P/A acres=610.02

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #105 (E/2 Sec. 8-31N-9W) 309.00 acres	6	309.00	Lots 1,2,7-10, 15&16 (E/2)	12/15/89

Second Expansion - Effective 5/1/90
Total P/A acres=1,867.82

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #201 (E/2 Sec. 2-31N-9W) 320.98 acres	40 51 48	80.00 80.51 160.47	S/2 NE/4 Lot 1, NE/SE Lot 2, SE/SE, W/2 SE/4	4/17/90
S. J. 32-9 Unit #230 (W/2 Sec. 36-32N-10W) 320.00 acres	40 58	200.00 120.00	SE/NW, N/2 NW/4, NE/SW, SW/SW SW/NW, SE/SW, NW/SW	4/22/90
S. J. 32-9 Unit #229 (E/2 Sec. 36-32N-10W) 320.00 acres	34 37 40 58 62	80.00 40.00 40.00 120.00 40.00	N/2 NE/4 NE/SE SE/SE SW/NE, W/2 SE/4 SE/4 NE/4	4/28/90
S. J. 32-9 Unit #292 (IDB) (E/2 Sec. 25-32N-10W) 296.82 acres	9	296.82	Lots 1, 2, 7-10, 15, 16 (E/2)	9/27/90

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Third Expansion - Effective 7/1/90
Total P/A acres=3,145.38

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #202	40	40.00	NE/SW	6/13/90
(W/2 Sec. 2-31N-9W)	48	200.41	Lot 4, W/2 SW/4, S/2 NW/4	
320.86 acres	53	40.45	Lot 3	
	50	40.00	SE/SW	
S. J. 32-9 Unit #235	40	80.00	SE/NW, SW/SW	6/20/90
(W/2 Sec. 36-32N-9W)	45	40.00	SE/SW	
320.00 acres	41A	120.00	N/2 NW/4, SW/NW	
	43	40.00	NE/SW	
	49	40.00	NW/SW	
S. J. 32-9 Unit #226	40	160.00	S/2 NE/4, N/2 SE/4	6/29/90
(E/2 Sec. 32-32N-9W)	42	40.00	NW/NE	
320.00 acres	49	40.00	NE/NE	
	41	80.00	S/2 SE/4	
S. J. 32-9 Unit #252 (IDB)	10	115.90	Lots 9-11	8/10/90
(E/2 Sec. 5-31N-9W)	66	80.80	Lots 1 & 2	
316.70 acres	67	120.00	S/2 SE/4, NW/SE	

San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
Fruitland Participating Area

Fourth Expansion - Effective 8/1/90
Total P/A acres=6,271.19

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #259 (W/2 Sec. 9-31N-9W) 314.92 acres	27	314.92	Lots 3-6, 11-14 (W/2)	7/6/90
S. J. 32-9 Unit #286 (E/2 Sec. 14-32N-10W) 302.52 acres	8	302.52	Lots 1, 2, 7-10, 15 & 16 (E/2)	7/10/90
S. J. 32-9 Unit #263 (W/2 Sec. 15-31N-9W) 315.36 acres	4	315.36	Lots 3-6, 11-14 (W/2)	7/14/90
S. J. 32-9 Unit #291 (W/2 Sec. 24-32N-10W) 301.86 acres	8	301.86	Lots 3-6, 11-14 (W/2)	7/16/90
S. J. 32-9 Unit #281 (W/2 Sec. 32-32N-9W) 320.00 acres	33	320.00	W/2	7/20/90
S. J. 32-9 Unit #253 (W/2 Sec. 5-31N-9W) 313.85 acres	10 67	193.85 120.00	Lots 5-8 & 12 E/2 SW/4, NW/SW	7/24/90
S. J. 32-9 Unit #262 (E/2 Sec. 15-31N-9W) 314.94 acres	4	314.94	Lots 1, 2, 7-10, 15 & 16 (E/2)	7/24/90
S. J. 32-9 Unit #300 (All Sec. 11-32N-10W) 328.30 acres	17 14	177.10 151.20	Lots 9-12 Lots 5-8	7/27/90
S. J. 32-9 Unit #260 (E/2 Sec. 10-31N-9W) 314.42 acres	12 26	157.30 157.12	Lots 9, 10, 15 & 16 (SE/4) Lots 1, 2, 7 & 8 (NE/4)	7/31/90
S. J. 32-9 Unit #293 (IDB) (W/2 Sec. 25-32N-10W) 299.64 acres	9	299.64	Lots 3-6, 11-14 (W/2)	4/7/91

San Juan 32-9 Unit, #14-08-001-569

San Juan County, New Mexico

Fruitland Participating Area

Fifth Expansion - Effective 9/1/90

Total P/A acres=7,805.24

Wells No./Description	Tract #	Tr. acres	Tr. Description	Comp. Date
S. J. 32-9 Unit #254	10	275.84	Lots 8, 9, 14-16, 21 & 22	8/2/90
(E/2 Sec. 6-31N-9W)	67	40.00	NE/SE	
315.84 acres				
S. J. 32-9 Unit #301	17	180.72	Lots 5-8	8/4/90
(All Sec. 12-32N-10W)	14	154.80	Lots 9-12	
335.52 acres				
S. J. 32-9 Unit #255	10	208.15	Lots 10-13, 17-20	8/23/90
(W/2 Sec. 6-31N-9W)				
208.15 acres				
S. J. 32-9 Unit #285 (IDB)	8	306.70	Lots 3-6, 11-14	4/16/91
(W/2 Sec. 13-32N-10W)				
306.70 acres				
S. J. 32-9 Unit #215	20	367.84	Lots 5-16	8/12/90
(All Sec. 10-32N-9W)				
367.84 acres				

**SAN JUAN 32-9 UNIT
FRUITLAND COAL FORMATION**

Amoco Production Company

Conoco, Inc.

Devon Energy Corporation

El Paso Production Company

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc.

Meridian Oil Production Inc.

Phillips Petroleum Company

Southland Royalty Company

T. H. McElvain Oil & Gas Limited Partnership

Williams Production Company

DATE: 11/08/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 1

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 11/30/89

UNIT NAME

FORM NAME

EXP.

OWNER #

NAME

COMETED. ACRES

PART/FACTOR

REV. FACTOR

741 SAN JUAN 32-9

1238 FRUITLAND COAL

000

031116-10

AMOCO PRODUCTION COMPANY
050080-01 CONOCO INC/DELHI

150.510000

50.000000

42.250000

150.510000

50.000000

42.250000

301.020000

100.000000

84.500000

DATE: 11/08/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 2

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 01/01/90

UNIT NAME

FORM NAME

EXP.

OWNER #

NAME

031116-10 AMOCO PRODUCTION COMPANY
050080-01 CONOCO INC/DELHI

741 SAN JUAN 32-9

1238 FRUITLAND COAL

001

COMTED.	ACRES	PART/FACTOR	REV. FACTOR
305.010000	50.000000	39.717296	
305.010000	50.000000	39.717296	
610.020000	100.000000	79.434592	

DATE: 11/08/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 3

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 05/01/90

UNIT NAME FORM NAME

EXP.

OWNER # NAME

COMTED. ACRES PART/FACTOR REV. FACTOR

741	SAN JUAN 32-9	1238 FRUITLAND COAL	002	031116-10	AMOCO PRODUCTION COMPANY	379.215000	20.302545	16.328482
				050080-01	CONOCO INC/DELHI	379.215000	20.302545	16.328483
				031437-01	DEVON ENERGY CORPORATION	268.410000	14.370229	12.335580
				999030-01	EL PASO PRODUCTION CO	400.510000	21.442644	17.905699
				999022-02	MERIDIAN OIL PRODUCTION INC	240.000000	12.849204	11.243053
				094258-01	PHILLIPS-SAN JUAN PARTNERS LP	32.800000	1.756058	1.483869
				066557-01	WILLIAMS PRODUCTION COMPANY	167.670000	8.976775	7.843114
						1,867.820000	100.000000	83.468280

DATE: 11/08/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 1

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 07/01/90

UNIT NAME FORM NAME

EXP.

OWNER # NAME

COMTED. ACRES PART/FACTOR REV. FACTOR

741	SAN JUAN 32-9	1238 FRUITLAND COAL	003	031116-10 AMOCO PRODUCTION COMPANY	408.190000	12.977446	10.474744
				050080-01 CONOCO INC/DELHI	424.190000	13.486129	10.894409
				031437-01 DEVON ENERGY CORPORATION	527.160000	16.759819	14.468022
				999030-01 EL PASO PRODUCTION CO	904.510000	28.756780	23.470813
				023319-01 FOUR STAR OIL & GAS COMPANY	80.000000	2.543413	2.225486
				999022-02 MERIDIAN OIL PRODUCTION INC	240.000000	7.630239	6.676459
				094258-01 PHILLIPS-SAN JUAN PARTNERS LP	32.800000	1.042799	0.881165
				999001-01 SOUTHLAND ROYALTY CO	80.000000	2.543413	2.225486
				066557-01 WILLIAMS PRODUCTION COMPANY	448.530000	14.259962	12.406300
					3,145.380000	100.000000	83.722884

DATE: 11/08/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 2

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 08/01/90

UNIT NAME FORM NAME

EXP.

OWNER # NAME

031116-10 AMOCO PRODUCTION COMPANY
031008-07 CONOCO INC
050080-01 CONOCO INC/DELHI
031437-01 DEVON ENERGY CORPORATION
999030-01 EL PASO PRODUCTION CO
023319-01 FOUR STAR OIL & GAS COMPANY
033854-02 JAMES M RAYMOND
055266-01 JOHN S BROWN JR
999022-02 MERIDIAN OIL PRODUCTION INC
094258-01 PHILLIPS-SAN JUAN PARTNERS LP
999001-01 SOUTHLAND ROYALTY CO
077799-01 T H MCELVAIN OIL & GAS LTD PAR
066557-01 WILLIAMS PRODUCTION COMPANY

COMTED. ACRES PART/FACTOR REV. FACTOR
1,313.917500 20.951645 16.553228
16.000000 0.255135 0.210486
1,313.917500 20.951645 16.553226
1,356.095000 21.624205 18.432296
1,055.710000 16.834285 13.580297
80.000000 1.275675 1.116216
17.710000 0.282403 0.247102
88.550000 1.412013 1.235511
240.000000 3.827025 3.348647
32.800000 0.523027 0.441937
80.000000 1.275675 1.116216
70.840000 1.129610 0.988409
605.650000 9.657657 8.289484
6,271.190000 100.000000 82.113075

DATE: 11/08/95

MERIDIAN OIL INC.
LAND DEPARTMENT
EXPANSION ORDER BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE: 3

STATUS: P PROPOSED

PROPERTY NUMBER:

EFFECTIVE DATE: 09/01/90

UNIT NAME FORM NAME 1238 FRUITLAND COAL EXP. OWNER # NAME

741	SAN JUAN 32-9		005	031116-10	AMOCO PRODUCTION COMPANY	1,511.590000	19.366349	15.439853
				031008-07	CONOCO INC	16.000000	0.204990	0.169117
				050080-01	CONOCO INC/DELHI	1,511.590000	19.366349	15.439852
				031437-01	DEVON ENERGY CORPORATION	1,791.440000	22.951761	19.538036
				999030-01	EL PASO PRODUCTION CO	1,578.350000	20.221672	16.145295
				023319-01	FOUR STAR OIL & GAS COMPANY	80.000000	1.024952	0.896834
				033854-02	JAMES M RAYMOND	35.782000	0.458436	0.401131
				055266-01	JOHN S BROWN JR	178.910000	2.292178	2.005656
				999022-02	MERIDIAN OIL PRODUCTION INC	240.000000	3.074857	2.690500
				094258-01	PHILLIPS-SAN JUAN PARTNERS LP	32.800000	0.420231	0.355095
				999001-01	SOUTHLAND ROYALTY CO	80.000000	1.024952	0.896834
				077799-01	T H MCELVAIN OIL & GAS LTD PAR	143.128000	1.833742	1.604524
				066557-01	WILLIAMS PRODUCTION COMPANY	605.650000	7.759531	6.660260
						7,805.240000	100.000000	82.242987

RUN DATE 11/06/95
RUN TIME 16:25:00

MERIDIAN OIL INC
 SCHEDULE I
 THE 000 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 32-9 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078504	032N 010W	301.02		TRACT: 008A		100.000000
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ORRI:		3.000000	
			ROYALTY:		12.500000	
			WORKING INTEREST:		12.500000	
			AMOCO PRODUCTION COMPANY		42.250000	
			CONOCO INC/DELHI		42.250000	
			TOTAL		100.000000	

REMARKS:

SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8. FINA WENT
NON-CONSENT IN WELL #104, APO FINA 50%,
AMOCO 25%, & CONOCO 25%.
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 89/11/30

RUN DATE 11/06/95
RUN TIME 16:25:14

MERIDIAN OIL INC

SCHEDULE I

RECAPITULATION

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 032N , RANGE 010W

SECTION 24 : LOTS 1,2,7-10,

15&16 (E/2)

TOTAL COMMITTED:

301.02

TOTAL ACRES NON-COMMITTED:

0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

301.02

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
SF-078438	031N 009W	309.00		TRACT: 006		50.654077
	SEC. 08 LOTS 1,2,7-10, 15&16 (E/2)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		13.000000 12.500000 37.250000 37.250000 100.000000	----- ----- ----- ----- -----
	TOTAL				100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	301.02		TRACT: 008A		49.345923
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		3.000000 12.500000 42.250000 42.250000 100.000000	----- ----- ----- ----- -----
	TOTAL				100.000000	100.000000

REMARKS:
 SJ 32-9 UNIT WELL #104
 TRACT #8A SPLIT FROM TRACT #8, FINA WENT
 NON-CONSENT IN WELL #104, APO FINA 50%,
 AMOCO 25%, CONOCO 25%.
 THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 90/01/01

RUN DATE 11/06/95
RUN TIME 16:25:14

MERIDIAN OIL INC

SCHEDULE II

R E C A P I T U L A T I O N

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 031N , RANGE 009W
SECTION 08 : LOTS 1,2,7-10, 15&16 (E/2)
TOWNSHIP 032N , RANGE 010W
SECTION 24 : LOTS 1,2,7-10, 15&16 (E/2)
TOTAL COMMITTED: 610.02

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 610.02

RUN DATE 11/06/95
RUN TIME 16:25:00

MERIDIAN OIL INC
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078438	031N 009W	309.00	TRACT: 006			16.543350
	SEC. 08 LOTS 1,2,7-10, 15&16 (E/2)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		13.000000 12.500000 37.250000 37.250000 ----- 100.000000	----- ----- ----- ----- ----- -----
	TOTAL					

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	301.02	TRACT: 008A			16.116114
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		3.000000 12.500000 42.250000 42.250000 ----- 100.000000	----- ----- ----- ----- ----- -----
	TOTAL					

REMARKS: SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8, FINA WENT
NON-CONSENT IN WELL #104, APO FINA 50%,
AMOCO 25%, CONOCO 25%.

SF-078507	032N 010W	296.82	TRACT: 009			15.891253
	SEC. 25 LOTS 1,2,7-10, 15&16 (E/2)		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		3.000000 12.500000 21.125000 21.125000 42.250000 ----- 100.000000	----- ----- ----- ----- ----- -----
	TOTAL					

REMARKS: SJ 32-9 UNIT WELL #292 (1DB)

EFFECTIVE 90/05/01

RUN DATE 11/06/95
RUN TIME 16:25:00

MERIDIAN OIL INC
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
E-286-30	032N 010W	80.00		TRACT: 034		4.283068
	SEC. 36 N/2 NE/4		ORRI:			
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			DEVON ENERGY CORPORATION		87.500000	87.500000
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #229

E-286-37	032N 010W	40.00		TRACT: 037		2.141534
	SEC. 36 NE/4 SE/4		ORRI:		3.000000	3.000000
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			WILLIAMS PRODUCTION COMPANY		15.210000	15.210000
			PHILLIPS-SAN JUAN PARTNERS LP		69.290000	69.290000
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #229

E-3150-11	031N 009W	320.00		TRACT: 040		17.132272
	SEC. 02 S/2 NE/4		ORRI:		5.000000	5.000000
	032N 010W		ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		82.500000	82.500000
	SEC. 36 SE/SE, SE/NW, N/2 NW, NE/SW, SW/SW		TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #201, #230, & #229

EFFECTIVE 90/05/01

RUN DATE 11/06/95
RUN TIME 16:25:11

MERIDIAN OIL INC
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 3
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5381-4	031N 009W	160.47	ORRI:	TRACT: 048		8.591299
	SEC. 02 LOT 2, SE/SE, W/2 SE		ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000 87.500000 100.000000	12.500000 87.500000 100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #201
PHILLIPS WENT NON-CONSENT IN WELL#201,
APO PHILLIPS 82%, WILLIAMS 18%

E-5843-1	031N 009W	80.51	ORRI:	TRACT: 051		4.310372
	SEC. 02 LOT 1, NE/SE		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		12.500000 87.500000 100.000000	12.500000 87.500000 100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #201

B-11127-3	032N 010W	240.00	ORRI:	TRACT: 058		12.849204
	SEC. 36 SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW		ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC		12.500000 87.500000 100.000000	12.500000 87.500000 100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #229 & 230

EFFECTIVE 90/05/01

RUN DATE 11/06/95
RUN TIME 16:25:11

MERIDIAN OIL INC
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-11318-33	032N 010W	40.00		TRACT: 062		2.141534
SEC. 36	SE/4 NE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:	87.500000	87.500000	
			DEVON ENERGY CORPORATION	100.000000	100.000000	
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #229

EFFECTIVE 90/05/01

RUN DATE 11/06/95
RUN TIME 16:25:14

MERIDIAN OIL INC

SCHEDULE III

RECAPITULATION

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 031N , RANGE 009W
SECTION 02 : S/2 NE/4
SECTION 02 : LOT 2, SE/SE, W/2 SE
SECTION 02 : LOT 1, NE/SE
SECTION 08 : LOTS 1,2,7-10, 15&16 (E/2)
TOWNSHIP 032N , RANGE 010W
SECTION 24 : LOTS 1,2,7-10, 15&16 (E/2)
SECTION 25 : LOTS 1,2,7-10, 15&16 (E/2)
SECTION 36 : N/2 NE/4
SECTION 36 : NE/4 SE/4
SECTION 36 : SE/SE, SE/NW, N/2 NW, NE/SW, SW/SW
SECTION 36 : SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW
SECTION 36 : SE/4 NE/4
TOTAL COMMITTED: 1,867.82

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 1,867.82

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 0.00

RUN DATE 11/06/95
RUN TIME 16:25:27

THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE		PERCENTAGE	
					COMMITTED	ACTUAL	PARTICIPATION	PARTICIPATION
SF-078438	031N 009W	309.00	TRACT: 006	ORRI:	13.000000	13.000000	9.823932	---
	SEC. 08 LOTS 1,2,7-10, 15&16 (E/2)			ROYALTY:	12.500000	12.500000	---	---
				WORKING INTEREST:	37.250000	37.250000	---	---
				AMOCO PRODUCTION COMPANY	37.250000	37.250000	---	---
				CONOCO INC/DELHI	---	---	---	---
				TOTAL	100.000000	100.000000	---	---

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	301.02	TRACT: 008A	ORRI:	3.000000	3.000000	9.570227	---
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)			ROYALTY:	12.500000	12.500000	---	---
				WORKING INTEREST:	42.250000	42.250000	---	---
				AMOCO PRODUCTION COMPANY	42.250000	42.250000	---	---
				CONOCO INC/DELHI	---	---	---	---
				TOTAL	100.000000	100.000000	---	---

REMARKS: SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8, FINA WENT
NON-CONSENT IN WELL #104, APO FINA 50%,
AMOCO 25%, CONOCO 25%.

SF-078507	032N 010W	296.82	TRACT: 009	ORRI:	3.000000	3.000000	9.436698	---
	SEC. 25 LOTS 1,2,7-10, 15&16 (E/2)			ROYALTY:	12.500000	12.500000	---	---
				WORKING INTEREST:	21.125000	21.125000	---	---
				AMOCO PRODUCTION COMPANY	21.125000	21.125000	---	---
				CONOCO INC/DELHI	42.250000	42.250000	---	---
				DEVON ENERGY CORPORATION	---	---	---	---
				TOTAL	100.000000	100.000000	---	---

REMARKS: SJ 32-9 UNIT WELL #292(1DB)

EFFECTIVE 90/07/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078509	031N 009W	115.90	ORRI:	TRACT: 010	3.000000	3.684769
	SEC. 05 LOTS 9-11		ROYALTY:		12.500000	
			WORKING INTEREST:		12.500000	
			AMOCO PRODUCTION COMPANY		21.125000	21.125000
			CONOCO INC/DELHI		21.125000	21.125000
			DEVON ENERGY CORPORATION		42.250000	42.250000
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)

E-286-30	032N 010W	80.00	TRACT: 034			2.543413
	SEC. 36 N/2 NE/4		ORRI:			
			ROYALTY:		12.500000	
			WORKING INTEREST:		12.500000	
			DEVON ENERGY CORPORATION		87.500000	87.500000
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #229

E-286-37	032N 010W	40.00	TRACT: 037			1.271706
	SEC. 36 NE/4 SE/4		ORRI:			
			ROYALTY:		3.000000	
			WORKING INTEREST:		12.500000	
			WILLIAMS PRODUCTION COMPANY		15.210000	15.210000
			PHILLIPS-SAN JUAN PARTNERS LP		69.290000	69.290000
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #229

RUN DATE 11/06/95
RUN TIME 16:25:38

MERIDIAN OIL INC
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3150-11	031N 009W	600.00		TRACT: 040		19.075597
	SEC. 02 S/2 NE, NE/SW		ORRI:		5.000000	
	032N 009W		ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		82.500000	
	SEC. 32 S/2 NE, N/2 SE					
	032N 010W					
	SEC. 36 SE/SE, SE/NW,					
	N/2 NW, NE/SW, SW/SW					
	032N 009W					
	SEC. 36 SE/NW, SW/SW					
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #201, #230
#229, #202, #235 & #226

E-3520-1	032N 009W	80.00		TRACT: 041		2.543413
			ORRI:			
	SEC. 32 S/2 SE/4		ROYALTY:		12.500000	
			WORKING INTEREST:			
			SOUTHLAND ROYALTY CO		87.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #226

E-3520-1	032N 009W	120.00		TRACT: 041A		3.815119
			ORRI:			
	SEC. 36 N/2 NW, SW/NW		ROYALTY:		12.500000	
			WORKING INTEREST:		12.500000	
			EL PASO PRODUCTION CO		75.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

EFFECTIVE 90/07/01

RUN DATE 11/06/95
RUN TIME 16:25:41

MERIDIAN OIL INC
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3555-18	032N 009W	40.00	ORRI:	TRACT: 042	5.000000	5.000000	1.271706
	SEC. 32 NW/4 NE/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		49.500000	49.500000	
			EL PASO PRODUCTION CO		33.000000	33.000000	
			CONOCO INC/DELHI				
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #226

E-3867-2	032N 009W	40.00	ORRI:	TRACT: 043	12.500000	12.500000	1.271706
	SEC. 36 NE/4 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		75.000000	75.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

E-5116-7	032N 009W	40.00	ORRI:	TRACT: 045	5.000000	5.000000	1.271706
	SEC. 36 SE/SW		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		82.500000	82.500000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

EFFECTIVE 90/07/01

RUN DATE 11/06/95
RUN TIME 16:25:44

MERIDIAN OIL INC
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5381-4	031N 009W	360.88	TRACT: 048				11.473336
	SEC. 02 LOTS 2 & 4, S/2 NW,		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000	12.500000	
	SEC. 02 ...W/2 SW, SE/SE, W/2 SE				87.500000	87.500000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #201 & 202
PHILLIPS WENT NON-CONSENT IN WELL #201 &
#202, APO PHILLIPS 82%, WILLIAMS 18%

E-5382	032N 009W	80.00	TRACT: 049				2.543413
	SEC. 32 NE/4 NE/4		ORRI: ROYALTY: WORKING INTEREST: FOUR STAR OIL & GAS COMPANY		12.500000	12.500000	
	SEC. 36 NW/4 SW/4				87.500000	87.500000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #235 & #226

E-5464-4	031N 009W	40.00	TRACT: 050				1.271707
	SEC. 02 SE/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000	12.500000	
			TOTAL		87.500000	87.500000	
					100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%

EFFECTIVE 90/07/01

RUN DATE 11/06/95
RUN TIME 16:25:44

MERIDIAN OIL INC
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5843-1	031N 009W	80.51	TRACT: 051				2.559627
	SEC. 02 LOT 1, NE/SE		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		12.500000	12.500000	
					87.500000	87.500000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #201

B-10938-50	031N 009W	40.45	TRACT: 053				1.286013
	SEC. 02 LOT 3		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		5.000000	5.000000	
					12.500000	12.500000	
					82.500000	82.500000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%

B-11127-3	032N 010W	240.00	TRACT: 058				7.630239
	SEC. 36 SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC		12.500000	12.500000	
					87.500000	87.500000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #230 & #229

EFFECTIVE 90/07/01

RUN DATE 11/06/95
RUN TIME 16:25:44

MERIDIAN OIL INC
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
B-11318-33	032N 010W	40.00	ORRI:	TRACT: 062		1.271707
	SEC. 36 SE/4 NE/4		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			DEVON ENERGY CORPORATION		87.500000	
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #229

FEE	031N 009W	80.80	ORRI:	TRACT: 066		2.568847
	SEC. 05 LOTS 1, 2		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			DEVON ENERGY CORPORATION		87.500000	
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)

MOSS, JAKE AND	031N 009W	120.00	ORRI:	TRACT: 067		3.815119
	SEC. 05 S/2 SE, NW/SE		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			DEVON ENERGY CORPORATION		87.500000	
			TOTAL		100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 90/07/01

RUN DATE 11/06/95
RUN TIME 16:26:18

MERIDIAN OIL INC
SCHEDULE IV
R E C A P I T U L A T I O N
DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

PAGE 1
FED535AP-A

TOWNSHIP 031N , RANGE 009W	
SECTION 02 : SE/4 SW/4	
SECTION 02 : ...W/2 SW,	SE/SE, W/2 SE
SECTION 02 : LOT 1, NE/SE	
SECTION 02 : LOT 3	
SECTION 02 : S/2 NE, NE/SW	
SECTION 02 : LOTS 2 & 4,	S/2 NW,
SECTION 05 : LOTS 9-11	
SECTION 05 : LOTS 1, 2	
SECTION 05 : S/2 SE, NW/SE	
SECTION 08 : LOTS 1,2,7-10,	15&16 (E/2)
TOWNSHIP 032N , RANGE 009W	
SECTION 32 : S/2 NE, N/2 SE	
SECTION 32 : NW/4 NE/4	
SECTION 32 : S/2 SE/4	
SECTION 32 : NE/4 NE/4	
SECTION 36 : NW/4 SW/4	
SECTION 36 : N/2 NW, SW/NW	
SECTION 36 : SE/NW, SW/SW	
SECTION 36 : NE/4 SW/4	
SECTION 36 : SE/SW	
TOWNSHIP 032N , RANGE 010W	
SECTION 24 : LOTS 1,2,7-10,	15&16 (E/2)
SECTION 25 : LOTS 1,2,7-10,	15&16 (E/2)
SECTION 36 : N/2 NE/4	
SECTION 36 : NE/4 SE/4	
SECTION 36 : SE/SE, SE/NW, N/2 NW, NE/SW, SW/SW	
SECTION 36 : SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW	
SECTION 36 : SE/4 NE/4	
TOTAL COMMITTED:	3,145.38

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 3,145.38

RUN DATE 11/06/95
RUN TIME 16:25:45

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
SF-078386	031N 009W	630.30	ORRI:	TRACT: 004	13.000000	10.050724
	SEC. 15 LOTS 1-16 (ALL)		ROYALTY:		12.500000	
			WORKING INTEREST:		37.250000	
			AMOCO PRODUCTION COMPANY		37.250000	
			CONOCO INC/DELHI		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #263 & 262

SF-078438	031N 009W	309.00	ORRI:	TRACT: 006	13.000000	4.927295
	SEC. 08 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY:		12.500000	
			WORKING INTEREST:		37.250000	
			AMOCO PRODUCTION COMPANY		37.250000	
			CONOCO INC/DELHI		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	604.38	ORRI:	TRACT: 008	3.000000	9.637405
	SEC. 14 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY:		12.500000	
	SEC. 24 LOTS 3-6, 11-14(W/2)		WORKING INTEREST:		21.125000	
			AMOCO PRODUCTION COMPANY		21.125000	
			CONOCO INC/DELHI		42.250000	
			DEVON ENERGY CORPORATION		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #286 & #291

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:45

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078504	032N 010W	301.02	ORRI:	TRACT: 008A	3.000000	3.000000	4.800046
	SEC. 24 LOTS 1,2,7-10, 15&16 (E/2)		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI		12.500000	12.500000	
					42.250000	42.250000	
					42.250000	42.250000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #104
TRACT #8A SPLIT FROM TRACT #8, FINA WENT
NON-CONSENT IN WELL #104, APO TRACT #8A
ACREAGE WILL BE ADDED TO TRACT #8 TO
REFLECT FINA'S 50% GWI.

SF-078507	032N 010W	596.46	ORRI:	TRACT: 009	3.000000	3.000000	9.511114
	SEC. 25 LOTS 1-16 (ALL)		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		12.500000	12.500000	
					21.125000	21.125000	
					21.125000	21.125000	
					42.250000	42.250000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #292 (IDB) &
#293 (IDB)

SF-078509	031N 009W	309.75	ORRI:	TRACT: 010	3.000000	3.000000	4.939254
	SEC. 05 LOTS 5-12		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI DEVON ENERGY CORPORATION		12.500000	12.500000	
					21.125000	21.125000	
					21.125000	21.125000	
					42.250000	42.250000	
			TOTAL		100.000000	100.000000	

REMARKS:

SJ 32-9 UNIT WELL #252 (IDB) & 253

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:45

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
SF-078626	031N 009W ----- SEC. 10 LOTS 9,10,15& 16(SE/4)	157.30	ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC/DELHI TOTAL	TRACT: 012	13.000000 12.500000 37.250000 37.250000 ----- 100.000000	2.508296 -----
REMARKS: SJ 32-9 UNIT WELL #260						
NW-014227	032N 010W ----- SEC. 11 LOTS 9-12 (S/2 S/2)	151.20	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 014	12.500000 12.500000 75.000000 ----- 100.000000	2.411026 -----
REMARKS: SJ 32-9 UNIT WELL #300						
SF-079143	032N 010W ----- SEC. 11 LOTS 5-8	177.10	ORRI: ROYALTY: WORKING INTEREST: JOHN S BROWN JR JAMES M RAYMOND T H MCELVAIN OIL & GAS LTD PAR TOTAL	TRACT: 017	12.500000 43.750000 8.750000 35.000000 ----- 100.000000	2.824025 -----
REMARKS: SJ 32-9 UNIT WELL #300						

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:48

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL
SF-080133	031N 009W	157.12	TRACT: 026	ORRI:	5.000000	2.505426
	SEC. 10	LOTS 1,2,7&8 (NE/4)		ROYALTY:	12.500000	
				WORKING INTEREST:	82.500000	
				WILLIAMS PRODUCTION COMPANY	100.000000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #260
PHILLIPS WENT NON-CONSENT IN WELL #260,
APO PHILLIPS 82%, WILLIAMS 18%.

SF-080376	031N 009W	314.92	TRACT: 027	ORRI:	13.000000	5.021694
	SEC. 09	LOTS 3-6&11-14 (W/2)		ROYALTY:	12.500000	
				WORKING INTEREST:	37.250000	
				AMOCO PRODUCTION COMPANY	37.250000	
				CONOCO INC/DELHI	100.000000	
				TOTAL	100.000000	

REMARKS: 1% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #259

E-178-10	032N 009W	320.00	TRACT: 033	ORRI:	5.000000	5.102700
	SEC. 32	W/2		ROYALTY:	12.500000	
				WORKING INTEREST:	20.625000	
				AMOCO PRODUCTION COMPANY	20.625000	
				CONOCO INC/DELHI	41.250000	
				DEVON ENERGY CORPORATION	100.000000	
				TOTAL	100.000000	

REMARKS: 5% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #281

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:48

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-286-30	032N 010W	80.00		TRACT: 034		1.275675
	SEC. 36 N/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: DEVON ENERGY CORPORATION		12.500000	
					87.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #229

E-286-37	032N 010W	40.00		TRACT: 037		0.637837
	SEC. 36 NE/4 SE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS-SAN JUAN PARTNERS LP		3.000000 12.500000 15.210000 69.290000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #229

E-3150-11	031N 009W	600.00		TRACT: 040		9.567562
	SEC. 02 S/2 NE, NE/SW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		5.000000 12.500000 82.500000	
	032N 009W					
	SEC. 32 S/2 NE, N/2 SE					
	032N 010W					
	SEC. 36 SE/SE, SE/NW, N/2 NW, NE/SW, SW/SW					
	032N 009W					
	SEC. 36 SE/NW, SW/SW					
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #201, #230,
#229, #202, #235 & #226

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:52

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3520-1	032N 009W	80.00	TRACT: 041			1.275675
	SEC. 32 S/2 SE/4			ORRI:		
				ROYALTY:	12.500000	12.500000
				WORKING INTEREST:		
				SOUTHLAND ROYALTY CO	87.500000	87.500000
				TOTAL	100.000000	100.000000
REMARKS: SJ 32-9 UNIT WELL #226						
E-3520-1	032N 009W	120.00	TRACT: 041A			1.913512
	SEC. 36 N/2 NW, SW/NW			ORRI:		
				ROYALTY:	12.500000	12.500000
				WORKING INTEREST:		
				EL PASO PRODUCTION CO	75.000000	75.000000
				TOTAL	100.000000	100.000000
REMARKS: SJ 32-9 UNIT WELL #235						
E-3555-18	032N 009W	40.00	TRACT: 042			0.637837
	SEC. 32 NW/4 NE/4			ORRI:		
				ROYALTY:	5.000000	5.000000
				WORKING INTEREST:	12.500000	12.500000
				EL PASO PRODUCTION CO	49.500000	49.500000
				CONOCO INC	33.000000	33.000000
				TOTAL	100.000000	100.000000
REMARKS: SJ 32-9 UNIT WELL #226						

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:55

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC
SCHEDULE V
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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3867-2	032N 009W	40.00	TRACT: 043			0.637837
	SEC. 36 NE/4 SW/4		ORRI:		12.500000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		75.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

E-5116-7	032N 009W	40.00	TRACT: 045			0.637837
	SEC. 36 SE/SW		ORRI:		5.000000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		82.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

E-5381-4	031N 009W	360.88	TRACT: 048			5.754570
	SEC. 02 LOTS 2 & 4,		ORRI:		12.500000	
	S/2 NW,		ROYALTY:			
	SEC. 02 ...W/2 SW,		WORKING INTEREST:		87.500000	
	SE/SE, W/2 SE		WILLIAMS PRODUCTION COMPANY			
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #201 & #202
PHILLIPS WENT NON-CONSENT IN WELL #201 &
#202, APO PHILLIPS 82%, WILLIAMS 18%.

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:58

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5382	032N 009W	80.00	ORRI:	TRACT: 049		1.275675
	SEC. 32 NE/4 NE/4		ROYALTY:		12.500000	12.500000
	SEC. 36 NW/4 SW/4		WORKING INTEREST:		87.500000	87.500000
			FOUR STAR OIL & GAS COMPANY		100.000000	100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #235 & #226

E-5464-4	031N 009W	40.00	ORRI:	TRACT: 050		0.637838
	SEC. 02 SE/4 SW/4		ROYALTY:		12.500000	12.500000
			WORKING INTEREST:		87.500000	87.500000
			WILLIAMS PRODUCTION COMPANY		100.000000	100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

E-5843-1	031N 009W	80.51	ORRI:	TRACT: 051		1.283807
	SEC. 02 LOT 1, NE/SE		ROYALTY:		12.500000	12.500000
			WORKING INTEREST:		87.500000	87.500000
			EL PASO PRODUCTION CO		100.000000	100.000000
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #201

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:58

THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10938-50	031N 009W	40.45	TRACT: 053	ORRI:	5.000000	0.645013
	SEC. 02 LOT 3			ROYALTY:	12.500000	
				WORKING INTEREST:	82.500000	
				WILLIAMS PRODUCTION COMPANY	100.000000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

B-11127-3	032N 010W	240.00	TRACT: 058	ORRI:	12.500000	3.827025
	SEC. 36 SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW			ROYALTY:	87.500000	
				WORKING INTEREST:	100.000000	
				MERIDIAN OIL PRODUCTION INC	100.000000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #230 & #229

B-11318-33	032N 010W	40.00	TRACT: 062	ORRI:	12.500000	0.637838
	SEC. 36 SE/4 NE/4			ROYALTY:	87.500000	
				WORKING INTEREST:	100.000000	
				DEVON ENERGY CORPORATION	100.000000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #229

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:25:59

MERIDIAN OIL INC
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
FEE	031N 009W	80.80	ORRI:	TRACT: 066		1.288432
	SEC. 05 LOTS 1, 2		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			DEVON ENERGY CORPORATION		100.000000	
			TOTAL			

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)

MOSS, JAKE AND 031N 009W	240.00	TRACT: 067		3.827025
SEC. 05 SE/SE, NW/SW, E/2 SW, W/2 SE		ORRI:		
		ROYALTY:	12.500000	
		WORKING INTEREST:	87.500000	
		DEVON ENERGY CORPORATION	100.000000	
		TOTAL		

REMARKS: SJ 32-9 UNIT WELL #252 (IDB) & #253
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 90/08/01

RUN DATE 11/06/95
RUN TIME 16:26:18

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:
TOWNSHIP 031N , RANGE 009W
SECTION 02 : S/2 NE, NE/SW
SECTION 02 : LOT 3
SECTION 02 : LOTS 2 & 4,
SECTION 02 : ...W/2 SW,
SECTION 02 : SE/4 SW/4
SECTION 02 : LOT 1, NE/SE
SECTION 05 : LOTS 1, 2
SECTION 05 : SE/SE, NW/SW,
SECTION 05 : LOTS 5-12
SECTION 08 : LOTS 1,2,7-10,
SECTION 09 : LOTS 3-6&11-14,
SECTION 10 : LOTS 1,2,7&8
SECTION 10 : LOTS 9,10,15&
SECTION 15 : LOTS 1-16
TOWNSHIP 032N , RANGE 009W
SECTION 32 : W/2
SECTION 32 : S/2 NE, N/2 SE
SECTION 32 : S/2 SE/4
SECTION 32 : NW/4 NE/4
SECTION 32 : NE/4 NE/4
SECTION 36 : NW/4 SW/4
SECTION 36 : NE/4 SW/4
SECTION 36 : SE/SW
SECTION 36 : SE/NW, SW/SW
SECTION 36 : N/2 NW, SW/NW

MERIDIAN OIL INC
SCHEDULE V
R E C A P I T U L A T I O N
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DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 02 : S/2 NW,
SE/SE, W/2 SE
SECTION 05 : E/2 SW, W/2 SE
SECTION 08 : 15&16 (E/2)
SECTION 09 : (W/2)
SECTION 10 : (NE/4)
SECTION 15 : 16(SE/4)
(ALL)
SECTION 11 : (S/2 S/2)
SECTION 14 : 15&16 (E/2)
SECTION 24 : 11-14(W/2)
SECTION 24 : 15&16 (E/2)
SECTION 25 : (ALL)
SECTION 36 : N/2 NE/4
SECTION 36 : SE/SE, SE/NW, N/2 NW, NE/SW, SW/SW
SECTION 36 : NE/4 SE/4
SECTION 36 : SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW
SECTION 36 : SE/4 NE/4
TOTAL COMMITTED: 6,271.19

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 6,271.19

TOTAL ACRES NON-COMMITTED: 0.00

RUN DATE 11/06/95
RUN TIME 16:25:59

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078386	031N 009W	630.30	TRACT: 004	ORRI:	13.000000	8.075344
	SEC. 15 LOTS 1-16 (ALL)			ROYALTY:	12.500000	
				WORKING INTEREST:	37.250000	
				AMOCO PRODUCTION COMPANY	37.250000	
				CONOCO INC/DELHI	37.250000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #263 & 262

SF-078438	031N 009W	309.00	TRACT: 006	ORRI:	13.000000	3.958879
	SEC. 08 LOTS 1,2,7-10, 15&16 (E/2)			ROYALTY:	12.500000	
				WORKING INTEREST:	37.250000	
				AMOCO PRODUCTION COMPANY	37.250000	
				CONOCO INC/DELHI	37.250000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #105

SF-078504	032N 010W	911.08	TRACT: 008	ORRI:	3.000000	11.672671
	SEC. 13 LOTS 3 - 6, 11-14(W/2)			ROYALTY:	12.500000	
	SEC. 14 LOTS 1,2,7-10, 15&16 (E/2)			WORKING INTEREST:	21.125000	
	SEC. 24 LOTS 3 - 6, 11-14(W/2)			AMOCO PRODUCTION COMPANY	21.125000	
				CONOCO INC/DELHI	21.125000	
				DEVON ENERGY CORPORATION	42.250000	
				TOTAL	100.000000	

REMARKS: SJ 32-9 UNIT WELL #285, #286 & #291

EFFECTIVE 90/09/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
SF-078504	032N 010W	301.02		TRACT: 008A		3.856640
	SEC. 24	LOTS 1,2,7-10, 15&16 (E/2)				
			ORRI:		3.000000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			AMOCO PRODUCTION COMPANY		42.250000	
			CONOCO INC/DELHI		42.250000	
			TOTAL		100.000000	

REMARKS:

SJ 32-9 UNIT WELL #104
 TRACT #8A SPLIT FROM TRACT #8, FINA WENT
 NON-CONSENT IN WELL #104, APO TRACT #8A
 ACREAGE WILL BE ADDED TO TRACT #8 TO
 REFLECT FINA'S 50% GWI.

SF-078507	032N 010W	596.46		TRACT: 009		7.641789
	SEC. 25	LOTS 1-16 (ALL)				
			ORRI:		3.000000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			AMOCO PRODUCTION COMPANY		21.125000	
			CONOCO INC/DELHI		21.125000	
			DEVON ENERGY CORPORATION		42.250000	
			TOTAL		100.000000	

REMARKS:

SJ 32-9 UNIT WELL #292 (IDB) &
 #293 (IDB)

SF-078509	031N 009W	793.74		TRACT: 010		10.169322
	SEC. 05	LOTS 5-12				
	SEC. 06	LOTS 8-22				
			ORRI:		3.000000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			AMOCO PRODUCTION COMPANY		21.125000	
			CONOCO INC/DELHI		21.125000	
			DEVON ENERGY CORPORATION		42.250000	
			TOTAL		100.000000	

REMARKS:

SJ 32-9 UNIT WELL #252 (IDB), #253,

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:25:59

THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

MERIDIAN OIL INC
SCHEDULE VI

PAGE 3
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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION

#254, & #255						

SF-078626	031N 009W	157.30	ORRI:	TRACT: 012	13.000000	2.015313
	SEC. 10 LOTS 9,10,15& 16(SE/4)		ROYALTY:		12.500000	-----
			WORKING INTEREST:			
			AMOCO PRODUCTION COMPANY		37.250000	
			CONOCO INC/DELHI		37.250000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #260						

NM-014227	032N 010W	306.00	ORRI:	TRACT: 014	12.500000	3.920443
	SEC. 11 LOTS 9-12 (S/2 S/2)		ROYALTY:		12.500000	-----
	SEC. 12 LOTS 9-12		WORKING INTEREST:			
			EL PASO PRODUCTION CO		75.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #300 & #301						

SF-079143	032N 010W	357.82	ORRI:	TRACT: 017	12.500000	4.584356
	SEC. 11 LOTS 5-8		ROYALTY:		12.500000	-----
	SEC. 12 LOTS 5-8		WORKING INTEREST:			
			JOHN S BROWN JR		43.750000	
			JAMES M RAYMOND		8.750000	
			T H MCELVAIN OIL & GAS LTD PAR		35.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #300 & #301

EFFECTIVE 90/09/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079320	032N 009W	367.84	ORRI:	TRACT: 020	8.000000	4.712731
			ROYALTY:		12.500000	
	SEC. 10 LOTS 5-16 ALL		WORKING INTEREST:		79.500000	
			EL PASO PRODUCTION CO		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #215

SF-080133	031N 009W	157.12	ORRI:	TRACT: 026	5.000000	2.013007
			ROYALTY:		12.500000	
	SEC. 10 LOTS 1,2,7&8 (NE/4)		WORKING INTEREST:		82.500000	
			WILLIAMS PRODUCTION COMPANY		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #260
PHILLIPS WENT NON-CONSENT IN WELL #260,
APO PHILLIPS 82%, WILLIAMS 18%.

SF-080376	031N 009W	314.92	ORRI:	TRACT: 027	13.000000	4.034725
			ROYALTY:		12.500000	
	SEC. 09 LOTS 3-6&11-14 (W/2)		WORKING INTEREST:		37.250000	
			AMOCO PRODUCTION COMPANY		37.250000	
			CONOCO INC/DELHI		100.000000	
			TOTAL		100.000000	

REMARKS: 1% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #259

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:03

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-178-10	032N 009W	320.00	ORRI:	TRACT: 033	5.000000	4.099810
	SEC. 32 W/2		ROYALTY:		12.500000	
			WORKING INTEREST:		12.500000	
			AMOCO PRODUCTION COMPANY		20.625000	
			CONOCO INC/DELHI		20.625000	
			DEVON ENERGY CORPORATION		41.250000	
			TOTAL		100.000000	

REMARKS:
5% OF THE ORRI IS UNCOMMITTED
TO THE UNIT.
SJ 32-9 UNIT WELL #281

E-286-30	032N 010W	80.00	ORRI:	TRACT: 034		1.024952
	SEC. 36 N/2 NE/4		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			DEVON ENERGY CORPORATION		100.000000	
			TOTAL		100.000000	

REMARKS:
SJ 32-9 UNIT WELL #229

E-286-37	032N 010W	40.00	ORRI:	TRACT: 037		0.512476
	SEC. 36 NE/4 SE/4		ROYALTY:		3.000000	
			WORKING INTEREST:		12.500000	
			WILLIAMS PRODUCTION COMPANY		15.210000	
			PHILLIPS-SAN JUAN PARTNERS LP		69.290000	
			TOTAL		100.000000	

REMARKS:
SJ 32-9 UNIT WELL #229

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:06

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 6
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3150-11	031N 009W	600.00	TRACT: 040			7.687144
	SEC. 02 S/2 NE, NE/SW		ORRI:		5.000000	
	032N 009W		ROYALTY:		12.500000	
			WORKING INTEREST:			
	SEC. 32 S/2 NE, N/2 SE		EL PASO PRODUCTION CO		82.500000	
	032N 010W					
	SEC. 36 SE/SE, SE/NW,					
	N/2 NW, NE/SW, SW/SW					
	032N 009W					
	SEC. 36 SE/NW, SW/SW					
	TOTAL				100.000000	100.000000

REMARKS: SJ 32-9 UNIT WELL #201, #230,
#229, #202, #235 & #226

E-3520-1	032N 009W	80.00	TRACT: 041			1.024953
	SEC. 32 S/2 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			SOUTHLAND ROYALTY CO	87.500000	87.500000	
			TOTAL	100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #226

E-3520-1	032N 009W	120.00	TRACT: 041A			1.537429
	SEC. 36 N/2 NW, SW/NW		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:10

THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-3555-18	032N 009W	40.00		TRACT: 042	5.000000	5.000000	0.512476
	SEC. 32 NW/4 NE/4				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		49.500000	49.500000	
			CONOCO INC		33.000000	33.000000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #226

E-3867-2	032N 009W	40.00		TRACT: 043	12.500000	12.500000	0.512476
	SEC. 36 NE/4 SW/4				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		75.000000	75.000000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

E-5116-7	032N 009W	40.00		TRACT: 045	5.000000	5.000000	0.512476
	SEC. 36 SE/SW				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		82.500000	82.500000	
			TOTAL		100.000000	100.000000	

REMARKS: SJ 32-9 UNIT WELL #235

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:13

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 8
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5381-4	031N 009W	360.88	ORRI:	TRACT: 048		4.623561
	SEC. 02 LOTS 2 & 4, S/2 NW,		ROYALTY:		12.500000	12.500000
	SEC. 02 ...W/2 SW, SE/SE, W/2 SE		WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		87.500000	87.500000
			TOTAL		100.000000	100.000000

REMARKS:
SJ 32-9 UNIT WELL #201 & #202
PHILLIPS WENT NON-CONSENT IN WELL #201 &
#202, APO PHILLIPS 82%, WILLIAMS 18%.

E-5382	032N 009W	80.00	ORRI:	TRACT: 049		1.024953
	SEC. 32 NE/4 NE/4		ROYALTY:		12.500000	12.500000
	SEC. 36 NW/4 SW/4		WORKING INTEREST: FOUR STAR OIL & GAS COMPANY		87.500000	87.500000
			TOTAL		100.000000	100.000000

REMARKS:
SJ 32-9 UNIT WELL #235 & #226

E-5464-4	031N 009W	40.00	ORRI:	TRACT: 050		0.512476
	SEC. 02 SE/4 SW/4		ROYALTY:		12.500000	12.500000
			WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		87.500000	87.500000
			TOTAL		100.000000	100.000000

REMARKS:
SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:14

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5843-1	031N 009W	80.51	ORRI:	TRACT: 051		1.031487
	SEC. 02 LOT 1, NE/SE		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			EL PASO PRODUCTION CO		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #201

B-10938-50	031N 009W	40.45	ORRI:	TRACT: 053		0.518242
	SEC. 02 LOT 3		ROYALTY:		5.000000	
			WORKING INTEREST:		12.500000	
			WILLIAMS PRODUCTION COMPANY		82.500000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #202
PHILLIPS WENT NON-CONSENT IN WELL #202,
APO PHILLIPS 82%, WILLIAMS 18%.

B-11127-3	032N 010W	240.00	ORRI:	TRACT: 058		3.074857
	SEC. 36 SW/NE, SW/NW, W/2 SE, SE/SW, NW/SW		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			MERIDIAN OIL PRODUCTION INC		100.000000	
			TOTAL		100.000000	

REMARKS: SJ 32-9 UNIT WELL #230 & #229

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:14

MERIDIAN OIL INC
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 32-9 UNIT AREA

PAGE 10
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL PARTICIPATION
8-11318-33	032N 010W	40.00	ORRI:	TRACT: 062			0.512476
	SEC. 36 SE/4 NE/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		87.500000	87.500000	
			DEVON ENERGY CORPORATION		100.000000	100.000000	
			TOTAL				

REMARKS: SJ 32-9 UNIT WELL #229

FEE	031N 009W	80.80	TRACT: 066				1.035202
	SEC. 05 LOTS 1, 2		ORRI:		12.500000	12.500000	
			ROYALTY:		87.500000	87.500000	
			WORKING INTEREST:		100.000000	100.000000	
			DEVON ENERGY CORPORATION				
			TOTAL				

REMARKS: SJ 32-9 UNIT WELL #252 (IDB)

MOSS, JAKE AND	031N 009W	280.00	TRACT: 067				3.587334
	SEC. 05 SE/SE, NW/SW, E/2 SW, W/2 SE		ORRI:		12.500000	12.500000	
	SEC. 06 NE/4 SE/4		WORKING INTEREST:		87.500000	87.500000	
			DEVON ENERGY CORPORATION		100.000000	100.000000	
			TOTAL				

REMARKS: SJ 32-9 UNIT WELL #252(IDB), #253& #254
THIS ACREAGE IS BASED ON THE RE-SURVEY.

EFFECTIVE 90/09/01

RUN DATE 11/06/95
RUN TIME 16:26:18

MERIDIAN OIL INC
SCHEDULE VI
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 031N , RANGE 009W
SECTION 02 : LOTS 2 & 4, S/2 NW,
SECTION 02 : ...W/2 SW, SE/SE, W/2 SE
SECTION 02 : SE/4 SW/4
SECTION 02 : LOT 1, NE/SE
SECTION 02 : LOT 3
SECTION 02 : S/2 NE, NE/SW
SECTION 05 : LOTS 1, 2
SECTION 05 : SE/SE, NW/SW, E/2 SW, W/2 SE
SECTION 05 : LOTS 5-12
SECTION 06 : LOTS 8-22
SECTION 06 : NE/4 SE/4
SECTION 08 : LOTS 1,2,7-10, 15&16 (E/2)
SECTION 09 : LOTS 3-6&11-14 (W/2)
SECTION 10 : LOTS 1,2,7&8 (NE/4)
SECTION 10 : LOTS 9,10,15& 16(SE/4)
SECTION 15 : LOTS 1-16 (ALL)
TOWNSHIP 032N , RANGE 009W
SECTION 10 : LOTS 5-16 ALL
SECTION 32 : W/2
SECTION 32 : S/2 NE, N/2 SE
SECTION 32 : S/2 SE/4
SECTION 32 : NW/4 NE/4
SECTION 32 : NE/4 NE/4
SECTION 36 : SE/SW
SECTION 36 : NW/4 SW/4
SECTION 36 : NE/4 SW/4
SECTION 36 : N/2 NW, SW/NW
SECTION 36 : SE/NW, SW/SW
TOWNSHIP 032N , RANGE 010W
SECTION 11 : LOTS 5-8
SECTION 11 : LOTS 9-12 (S/2 S/2)
SECTION 12 : LOTS 9-12
SECTION 12 : LOTS 5-8
SECTION 13 : LOTS 3 - 6, 11-14(W/2)
SECTION 14 : LOTS 1,2,7-10, 15&16 (E/2)
SECTION 24 : LOTS 3 - 6, 11-14(W/2)
SECTION 24 : LOTS 1,2,7-10, 15&16 (E/2)
SECTION 25 : LOTS 1-16 (ALL)
SECTION 36 : N/2 NE/4
SECTION 36 : NE/4 SE/4
SECTION 36 : SE/SE, SE/NW, N/2 NW, NE/SW,SW/SW
SECTION 36 : SW/NE, SW/NW, W/2 SE, SE/SW,NW/SW
SECTION 36 : SE/4 NE/4

TOTAL COMMITTED: 7,805.24

TOTAL ACRES NON-COMMITTED:

0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

7,805.24

R10W

R9W



SAN JUAN 32-9 UNIT

Fruitland Participating Areas
San Juan County, New Mexico

MERIDIAN OIL

LAND DEPARTMENT
November 7, 1995

 Initial Participating Area
Effective 11/30/89

 Third Expansion
Effective 7/1/90

 First Expansion
Effective 1/1/90

 Fourth Expansion
Effective 8/1/90

 Second Expansion
Effective 5/1/90

 Fifth Expansion
Effective 9/1/90

 50% Non-committed
to the unit

October 3, 1995

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. LeMay
~~310 Old Santa Fe Trail, Room 206~~ 2040 S. Pacheco
Santa Fe, NM ~~87503~~ 87505

RE: San Juan 32-9 Unit
#14-08-001-569
Commercial Determination
Fruitland Formation
San Juan County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 32-9 Unit Agreement, #14-08-001-569, approved June 26, 1953, Meridian Oil Inc. ("Meridian"), as Operator, has reconfirmed that the wells listed below are capable of producing unitized substances in paying quantities from the Fruitland formation. Our determination is based upon additional production data obtained subsequent to our original commerciality submittals in May of 1993 in accordance with the State Director's decision.

<u>Well Name</u>	<u>Drill Block</u>	<u>Acres</u>	<u>Completion Date</u>
San Juan 32-9 Unit #104	E/2 Sec. 24-32N-10W	301.02	11/30/89
San Juan 32-9 Unit #274	E/2 Sec. 28-32N-9W	317.08	04/10/91
San Juan 32-9 Unit #284	E/2 Sec. 13-32N-10W	313.80	10/13/90

Meridian is also seeking confirmation of the paying well determinations on the additional wells listed below:

<u>Well Name</u>	<u>Drill Block</u>	<u>Acres</u>	<u>Completion Date</u>
San Juan 32-9 Unit #220	E/2 Sec. 11-31N-10W	319.10	02/18/93
San Juan 32-9 Unit #221	W/2 Sec. 11-31N-10W	315.96	02/24/93
San Juan 32-9 Unit #222	E/2 Sec. 12-31N-10W	276.36	02/05/93

An Economic Summary Sheet is attached for each of the wells.

Regulatory Agencies
San Juan 32-9 Unit
Commercial Determinations
October 3, 1995
Page 2.

Upon receipt of confirmation from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules thru the fifth (5th) expansion will be prepared and submitted. The schedules will show the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts. The schedules involving the #220, #221, #222, and #274 will be submitted when the commerciality of the #270 well is finally determined.

If you have any questions or need any additional information, please contact the undersigned at (505) 326-9757.

Copies of this submittal with enclosures are being sent to the working interest owners on the attached sheet.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Alan Alexander".

Alan Alexander
Senior Land Advisor

AA:ll
SJ 32-9 Unit, 4.5

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Conoco, Inc.

Devon Energy Corporation

El Paso Production Company

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

Meridian Oil Production Inc.

Phillips Petroleum Company

Southland Royalty Company

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc. (formerly ARCO)

Williams Production Company

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT # 104

WELL INFORMATION:

LOCATION	032N010W24G		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	10/30/89		
COMP DATE	11/30/89		
FIRST GAS	11/30/89		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.16	%
TOTAL		9.00	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 355.30	M
PAYOUT YEARS	7.15	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBO)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1992	32.14	0.00	13.81	5.81	20.71	26.52
1993	32.70	0.00	28.27	6.99	42.41	49.40
1994	54.92	0.00	20.19	6.59	30.29	36.88
1995	206.98	0.00	20.03	6.58	30.05	36.63
1996	230.66	0.00	11.92	6.18	17.89	24.06
1997	205.44	0.00	5.35	5.85	8.02	13.87
1998	174.63	0.00	2.27	5.69	3.41	9.10
1999	148.43	0.00	0.96	5.63	1.45	7.08
2000	126.17	0.00	0.41	5.60	0.61	6.22
2001	107.24	0.00	0.17	5.59	0.26	5.85
2002	91.16	0.00	0.07	5.58	0.11	5.69
2003	77.48	0.00	0.03	5.58	0.05	5.63
2004	65.86	0.00	0.01	5.58	0.02	5.60
2005	55.98	0.00	0.01	5.58	0.01	5.59

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT

104

WELL INFORMATION:

LOCATION	032N010W24G		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	10/30/89		
COMP DATE	11/30/89		
FIRST GAS	11/30/89		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.91 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.16</u> %
TOTAL		9.00 %

AVERAGE HEAT CONTENT

926 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	355.30 M
PAYOUT YEARS		7.15

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.34	12/92
1.50	12/93
1.26	TO LIFE

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT # 220

WELL INFORMATION:

LOCATION	031N010W11G		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	12/ 7/92		
COMP DATE	2/18/93		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	32.85

PRODUCTION TAXES:

TAXES FOR 1994		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.16	%
TOTAL		9.00	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 291.00	M
PAYOUT YEARS	1.06	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBO)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1994	303.64	0.00	1.51	5.66	2.26	7.91
1995	537.85	0.00	2.78	5.72	4.17	9.89
1996	766.50	0.00	3.53	5.76	5.29	11.05
1997	766.50	0.00	3.53	5.76	5.29	11.05
1998	766.50	0.00	3.53	5.76	5.29	11.05
1999	707.46	0.00	3.26	5.74	4.89	10.63
2000	601.34	0.00	2.77	5.72	4.15	9.87
2001	511.14	0.00	2.35	5.70	3.53	9.23
2002	434.47	0.00	2.00	5.68	3.00	8.68
2003	369.30	0.00	1.70	5.67	2.55	8.22
2004	313.90	0.00	1.45	5.65	2.17	7.82
2005	266.82	0.00	1.23	5.64	1.84	7.48

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT

220

WELL INFORMATION:

LOCATION	031N010W11G		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	12/ 7/92		
COMP DATE	2/18/93		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	32.85

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.16</u>	%
TOTAL		9.00	%

AVERAGE HEAT CONTENT

896 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	291.00	M
PAYOUT YEARS		1.06	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.34	12/92
1.50	12/93
1.26	TO LIFE

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT # 221

WELL INFORMATION:

LOCATION	031N010W11M
COUNTY	SAN JUAN
STATE	NM
FORMATION	BASIN (FRUITLAND COAL)
OPERATOR	MERIDIAN OIL INC
SPUD DATE	12/10/92
COMP DATE	2/24/93
FIRST GAS	9/ 1/93
COMM GWI	100.00
COMM NRI	87.50

MOI GWI	100.00
MOI NRI	32.85

PRODUCTION TAXES:

TAXES FOR 1994		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.16	%
TOTAL		9.00	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 291.00	M
PAYOUT YEARS	6.75	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBO)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1994	13.39	0.00	0.46	5.60	0.69	6.29
1995	28.85	0.00	0.06	5.58	0.09	5.67
1996	56.14	0.00	0.00	5.58	0.00	5.58
1997	76.46	0.00	0.00	5.58	0.00	5.58
1998	76.46	0.00	0.00	5.58	0.00	5.58
1999	70.57	0.00	0.00	5.58	0.00	5.58
2000	59.98	0.00	0.00	5.58	0.00	5.58
2001	50.98	0.00	0.00	5.58	0.00	5.58
2002	43.34	0.00	0.00	5.58	0.00	5.58
2003	36.84	0.00	0.00	5.58	0.00	5.58
2004	31.31	0.00	0.00	5.58	0.00	5.58
2005	26.61	0.00	0.00	5.58	0.00	5.58

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT

221

WELL INFORMATION:

LOCATION	031N010W11M		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	12/10/92		
COMP DATE	2/24/93		
FIRST GAS	9/ 1/93		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	32.85

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF <u>REVENUE</u>	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	<u>0.16</u>	%
TOTAL		9.00	%

AVERAGE HEAT CONTENT

900 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	291.00	M
PAYOUT YEARS		6.75	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.34	12/92
1.50	12/93
1.26	TO LIFE

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT # 222

WELL INFORMATION:

LOCATION	031N010W12H		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	12/17/92		
COMP DATE	2/ 5/93		
FIRST GAS	8/17/93		
COMM GWI	100.00	MOI GWI	75.12
COMM NRI	87.50	MOI NRI	24.67

PRODUCTION TAXES:

TAXES FOR 1994	GAS % OF REVENUE	
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.91 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.16 %
TOTAL		9.00 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 320.80 M
PAYOUT YEARS	2.04

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBO)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1994	135.67	0.00	0.00	1.86	0.00	1.86
1995	261.64	0.00	0.42	5.60	0.63	6.23
1996	262.80	0.00	0.00	5.58	0.00	5.58
1997	262.80	0.00	0.00	5.58	0.00	5.58
1998	262.65	0.00	0.00	5.58	0.00	5.58
1999	239.29	0.00	0.00	5.58	0.00	5.58
2000	203.40	0.00	0.00	5.58	0.00	5.58
2001	172.89	0.00	0.00	5.58	0.00	5.58
2002	146.96	0.00	0.00	5.58	0.00	5.58
2003	124.91	0.00	0.00	5.58	0.00	5.58
2004	106.18	0.00	0.00	5.58	0.00	5.58
2005	90.25	0.00	0.00	5.58	0.00	5.58

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT

222

WELL INFORMATION:

LOCATION	031N010W12H		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	12/17/92		
COMP DATE	2/ 5/93		
FIRST GAS	8/17/93		
COMM GWI	100.00	MOI GWI	75.12
COMM NRI	87.50	MOI NRI	24.67

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.91 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.16</u> %
TOTAL		9.00 %

AVERAGE HEAT CONTENT

911 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	320.80	M
PAYOUT YEARS		2.04	

AVERAGE PRODUCT PRICING

PRICE/GAS \$ / MCF	YEAR
1.34	12/92
1.50	12/93
1.26	TO LIFE

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT # 274

WELL INFORMATION:

LOCATION	032N009W28H		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	11/22/90		
COMP DATE	4/10/91		
FIRST GAS	3/17/92		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR 1994	GAS % OF <u>REVENUE</u>		
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.16	%
TOTAL		9.00	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 355.30	M
PAYOUT YEARS	7.15	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBO)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1992	5.49	0.00	0.67	1.89	1.00	2.89
1993	33.30	0.00	12.34	6.20	18.50	24.70
1994	22.62	0.00	18.98	6.53	28.47	34.99
1995	51.82	0.00	11.25	6.14	16.87	23.01
1996	147.78	0.00	17.08	6.43	25.62	32.06
1997	142.63	0.00	8.19	5.99	12.28	18.27
1998	122.39	0.00	3.47	5.75	5.21	10.97
1999	104.03	0.00	1.46	5.65	2.19	7.84
2000	88.43	0.00	0.61	5.61	0.92	6.53
2001	75.16	0.00	0.26	5.59	0.38	5.98
2002	63.89	0.00	0.11	5.59	0.16	5.75
2003	54.30	0.00	0.05	5.58	0.07	5.65
2004	46.16	0.00	0.02	5.58	0.03	5.61
2005	39.23	0.00	0.01	5.58	0.01	5.59

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT

274

WELL INFORMATION:

LOCATION	032N009W28H		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	11/22/90		
COMP DATE	4/10/91		
FIRST GAS	3/17/92		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.91 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.16</u> %
TOTAL		9.00 %

AVERAGE HEAT CONTENT

924 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	355.30	M
PAYOUT YEARS		7.15	

AVERAGE PRODUCT PRICING

PRICE/GAS \$/MCF	YEAR
1.34	12/92
1.50	12/93
1.26	TO LIFE

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT # 284

WELL INFORMATION:

LOCATION	032N010W13A		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	9/17/90		
COMP DATE	10/13/90		
FIRST GAS	3/31/92		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR 1994		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	0.91	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.16	%
TOTAL		9.00	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	\$ 355.30	M
PAYOUT YEARS	5.25	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBO)	BASE (M\$)	WATER (M\$)	TOTAL (M\$)
1992	48.12	0.00	10.96	5.20	16.44	21.64
1993	93.55	0.00	34.63	7.31	51.95	59.26
1994	217.88	0.00	30.83	7.12	46.24	53.36
1995	181.00	0.00	18.14	6.49	27.21	33.69
1996	172.02	0.00	11.59	6.16	17.39	23.54
1997	156.72	0.00	5.33	5.85	7.99	13.83
1998	133.21	0.00	2.26	5.69	3.39	9.09
1999	113.23	0.00	0.96	5.63	1.44	7.07
2000	96.24	0.00	0.41	5.60	0.61	6.21
2001	81.81	0.00	0.17	5.59	0.26	5.85
2002	69.54	0.00	0.07	5.58	0.11	5.69
2003	59.11	0.00	0.03	5.58	0.05	5.63
2004	50.24	0.00	0.01	5.58	0.02	5.60
2005	42.70	0.00	0.01	5.58	0.01	5.59

MERIDIAN OIL INC
COMMERICALITY DETERMINATION
BLM DATA SHEET

9/12/95

FOR LEASE: SAN JUAN 32-9 UNIT

284

WELL INFORMATION:

LOCATION	032N010W13A		
COUNTY	SAN JUAN		
STATE	NM		
FORMATION	BASIN (FRUITLAND COAL)		
OPERATOR	MERIDIAN OIL INC		
SPUD DATE	9/17/90		
COMP DATE	10/13/90		
FIRST GAS	3/31/92		
COMM GWI	100.00	MOI GWI	0.00
COMM NRI	87.50	MOI NRI	0.00

PRODUCTION TAXES:

TAXES FOR	1994	GAS % OF <u>REVENUE</u>
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	0.91 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	<u>0.16</u> %
TOTAL		9.00 %

AVERAGE HEAT CONTENT

920 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	\$	355.30	M
PAYOUT YEARS		5.25	

AVERAGE PRODUCT PRICING

PRICE/GAS \$/ MCF	YEAR
1.34	12/92
1.50	12/93
1.26	TO LIFE



CONSERVATION DIVISION
RECEIVED

1995 SEP 22 AM 8 52

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

September 20, 1995

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. Alan Alexander

Re: San Juan 32-9 Unit
1995 Plan of Development
Third Amendment
San Juan County, New Mexico

Dear Mr. Alexander:

This office is in receipt of your letter of September 12, 1995, wherein you have corrected the location of the San Juan Unit Well No. 120 which is to be located in Section 6-T31N-R09W.

Please be advised that our Plan of Development has been updated accordingly.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Deputy Director
Oil, Gas and Minerals Division
(505) 827-5745

RP/JB/cpm

Enclosure

cc: Reader File
OCD-Roy Johnson
BLM

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

100 OLD SANTA FE TRAIL PO BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

August 30, 1995

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87490-4289

Attention: Mr. Alan Alexander

Re 1995 Plan of Development
San Juan 32-9 Unit
Second Amendment
San Juan County, New Mexico

Dear Mr. Alexander:

The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

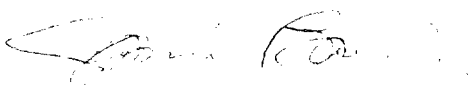
The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY


JAMI BAILEY, Deputy Director
Oil/Gas and Minerals Division
(505) 827-5745

RP/IP/cpm

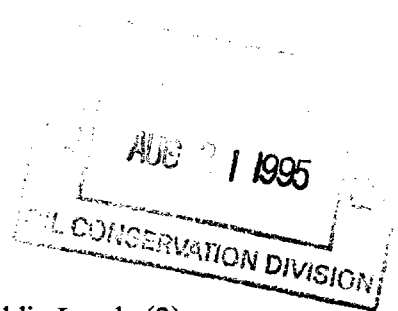
Enclosure

cc: Reader File

OCD-Roy Johnson

BLM

August 11, 1995



Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division (2)
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87504

RE: San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
SECOND AMENDMENT TO THE
1995 PLAN OF DEVELOPMENT

Gentlemen:

By letter dated August 10, 1995, Meridian Oil Inc., as Unit Operator, filed a First Amendment to the 1995 Plan of Development concerning the captioned Unit, providing for the drilling of two (2) Mesaverde wells (#15A & #46A).

Subsequent to the submittal of the First Amendment, two (2) additional wells have been proposed under the 1995 Plan of Development. The proposed wells are listed as follows:

<u>WELL NAME</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
San Juan 32-9 Unit #24A	Sec. 5, 31N-9W W/2 Spacing Unit San Juan County, NM	Mesaverde
San Juan 32-9 Unit #7A	Sec. 32, 32N-9W W/2 Spacing Unit San Juan County, NM	Mesaverde

All working interest owners have been contacted regarding this Second Amendment to the Plan of Development. Meridian Oil Inc., as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary to desirable by the Unit Operator and the working interest owners.

San Juan 32-9 Unit
Second Amendment to
1995 POD
Page 2

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to this office.

Copies of this letter are being sent to the working interest owners as shown on the attached distribution sheet.

Very truly yours,

A handwritten signature in black ink, appearing to read "Alan Alexander", written in a cursive style.

Alan Alexander
Senior Land Advisor

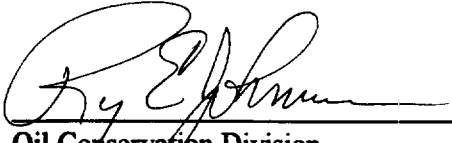
AA/cj
Enclosures
xc: San Juan 32-9 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATE: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATE: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATE: 8/22/95



OIL CONSERVATION DIVISION
RECEIVED

State of New Mexico 85 AU-31 007 8 52
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

(505) 827-5760
FAX (505) 827-5766

August 30, 1995

SANTA FE, NEW MEXICO 87504-1148

Meridian Oil
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. Alan Alexander

Re: 1995 Plan of Development
San Juan 32-9 Unit
First Amendment
San Juan County, New Mexico

Dear Mr. Alexander:

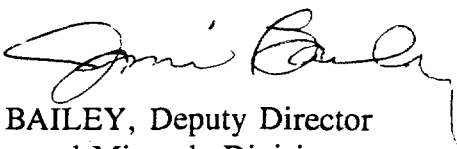
The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Deputy Director
Oil/Gas and Minerals Division
(505) 827-5745

RP/JB/cpm
Enclosure
cc: Reader File
OCD-Roy Johnson
BLM

498

August 10, 1995

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division (2)
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87504

RE: San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
FIRST AMENDMENT TO THE
1995 PLAN OF DEVELOPMENT

Gentlemen:

By letter dated March 1, 1995, Meridian Oil Inc., as Unit Operator, filed a Plan of Development concerning the captioned Unit for the calendar year 1995, providing for the Mesaverde P&A/Pictured Cliffs Recompletion (#4) and a Pictured Cliffs New Drill (#119).

Subsequent to the submittal of said letter, two (2) additional wells have been proposed under the 1995 Plan of Development. The proposed wells are listed as follows:

<u>WELL NAME</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
San Juan 32-9 Unit #46A	SW/SE Sec. 4, 31N-9W E/2 Spacing Unit San Juan County, NM	Mesaverde
San Juan 32-9 Unit #15A	SW/NW Sec. 9, 31N-9W W/2 Spacing Unit San Juan County, NM	Mesaverde

All working interest owners have been contacted regarding this First Amendment to the Plan of Development. Meridian Oil Inc., as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary to desirable by the Unit Operator and the working interest owners.

San Juan 32-9 Unit
First Amendment to
1995 POD
Page 2

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to this office.

Copies of this letter are being sent to the working interest owners as shown on the attached distribution sheet.

Very truly yours,

A handwritten signature in black ink, appearing to read "Alan Alexander".

Alan Alexander
Senior Land Advisor

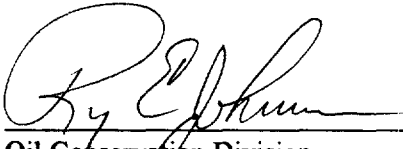
AA/cj
Enclosures
xc: San Juan 32-9 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATE: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATE: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATE: 8/17/95

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Conoco, Inc.

Devon Energy Corporation

El Paso Production Company

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

Meridian Oil Production Inc.

Phillips Petroleum Company

Southland Royalty Company

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc. (formerly ARCO)

Williams Production Company

MERIDIAN OIL

OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

105 APR 6 AM 8 52

March 1, 1995

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Oil Conservation Division
State of New Mexico
~~P.O. Box 2088~~ 2040 S. Pacheco
Santa Fe, NM ~~87501~~ 87505

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87501

RE: 1995 Plan of Development
San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico

Gentlemen:

By letters dated January 17, 1994 and April 20, 1994, Meridian Oil Inc. (Meridian), as Unit Operator for the San Juan 32-9 Unit, filed the Plan of Development (POD) and First Amendment to said Plan of Development for the calendar year 1994. This program provided for the sidetrack and Mesaverde completion of two wells (#14, #21), Pictured Cliffs recompletion of two wells (#67, #115), a Mesaverde/Pictured Cliffs dual well (#41A) and plug and abandonment of two Mesaverde wells (#5, #6).

Pursuant to Section 10 of the San Juan 32-9 Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits the following wells for the 1995 Plan of Development:

<u>WELL NAME</u>	<u>LOCATION</u>	<u>FORMATION</u>
San Juan 32-9 Unit #4	E/2 Section 12, T31N-R10W	Mesaverde P&A/ Pictured Cliffs Recompletion
San Juan 32-9 Unit #119	E/2 Section 14, T32N-R10W	Pictured Cliffs

Meridian, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this POD is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the attention of the undersigned at the letterhead address. Copies of this letter are being sent to the working interest owners as shown on the attached distribution sheet.

Very truly yours,



Alan Alexander
Senior Land Advisor

AA:ll
Enclosures
S.J. 32-9 Unit, 3.0 (POD)

Regulatory Agencies
San Juan 32-9 Unit, #14-08-001-569
March 1, 1995
Page 2.

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATE: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATE: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATE: 3-7-95

The foregoing approvals for the 1995 Plan of Development for the San Juan 32-9 Unit, #14-08-001-569, San Juan County, New Mexico.

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Bolack Minerals Company

Conoco, Inc.

Devon Energy Corporation

El Paso Production Company

Four Star Oil & Gas Company

James M. Raymond

John S. Brown, Jr.

Koch Industries, Inc./Koch Exploration Co.

Meridian Oil Production Inc.

Phillips Petroleum Company

Southland Royalty Company

T. H. McElvain Oil & Gas Limited Partnership

Total Minatome Corporation

Vastar Resources, Inc. (formerly ARCO)

Williams Production Company



State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

January 3, 1995

RAY POWELL, M.S., D.V.M.
COMMISSIONER

(505) 827-5760
FAX (505) 827-5766

Meridian Oil Inc.
Post Office Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Alan Alexander

Re: San Juan 32-9 Unit
1996 Plan of Development
San Juan County, New Mexico

Dear Mr. Alexander:

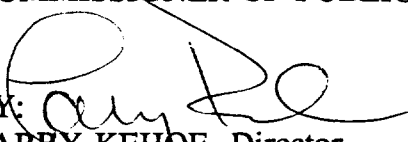
The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File
OCD-Roy Johnson
BLM

MERIDIAN OIL

RECEIVED LAND DIVISION
APR 20 1994

April 20, 1994

1994 APR 20 10 08 50

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87501

RE: San Juan 32-9 Unit, #14-08-001-569
San Juan County, New Mexico
FIRST AMENDMENT TO THE
1994 PLAN OF DEVELOPMENT

Gentlemen:

By letter dated January 17, 1994, Meridian Oil Inc., as Unit Operator, filed a Plan of Development concerning the captioned Unit for the calendar year 1994, providing for the sidetrack of two (2) wells.

Subsequent to the submittal of said letter, three (3) additional wells have been proposed under the 1994 Plan of Development. The proposed wells are listed as follows:

<u>WELL NAME</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
San Juan 32-9 Unit #67	NW/NE Sec. 24, 32N-10W E/2 Spacing Unit San Juan County, NM	Recomplete San Juan 32-9 Unit #67 from Mesaverde to Pictured Cliffs.
San Juan 32-9 Unit #41A	SE/SE Sec. 31, 32N-9W E/2 Spacing Unit San Juan County, NM	Mesaverde/ Pictured Cliffs Dual
San Juan 32-9 Unit #115	NW/SW Sec. 1, 31N-10W W/2 Spacing Unit San Juan County, NM	Pictured Cliffs

All working interest owners have been contacted regarding this First Amendment to the Plan of Development. Meridian Oil Inc., as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Regulatory Agencies
April 20, 1994
Page 2.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary to desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to this office.

Copies of this letter are being sent to the working interest owners as shown on the attached distribution sheet.

Very truly yours,

A handwritten signature in black ink, appearing to be 'Kent Beers', with a long horizontal line extending to the right.

Kent Beers
Attorney-in-Fact

Small handwritten initials, possibly 'AA', in black ink.

KOB:AA:ll
Enclosures
cc: San Juan 32-9 Unit, 3.0

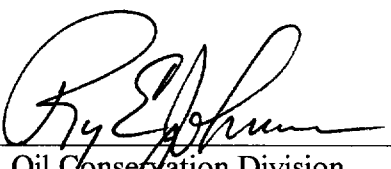
Regulatory Agencies
San Juan 32-9 Unit, #14-08-001-569
April 20, 1994
Page 3.

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATE: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATE: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATE: 5-31-94

The foregoing approvals are for the First Amendment to the 1994 Plan of Development for the San Juan 32-9 Unit, #14-08-001-569, San Juan County, New Mexico.

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

AMOCO PRODUCTION COMPANY
BOLACK MINERALS COMPANY
CONOCO, INC.
DEVON ENERGY CORPORATION
EL PASO PRODUCTION COMPANY
JAMES M. RAYMOND
JOHN S. BROWN, JR.
KOCH INDUSTRIES, INC./KOCH EXPLORATION CO.
MERIDIAN OIL PRODUCTION INC.
PHILLIPS PETROLEUM COMPANY
SOUTHLAND ROYALTY COMPANY
T. H. MCELVAIN OIL & GAS LIMITED PARTNERSHIP
TEXACO EXPLORATION & PRODUCTION INC.
TOTAL MINATOME CORPORATION
VASTER RESOURCES, INC. (formerly ARCO)
WILLIAMS PRODUCTION COMPANY



State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

SLO REF NO. OG-1340

January 28, 1994

Meridian Oil Inc.
3535 East 30th Street
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: 1994 Plan of Development
San Juan 32-9 Unit
San Juan County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

RBP/FOP/pm

cc: OCD -- *Ray Johnson*
BLM

MERIDIAN OIL

January 17, 1994

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division (2)
State of New Mexico
Energy 7 Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

**RE: SAN JUAN 32-9 UNIT, #14-08-001-569
SAN JUAN COUNTY, NEW MEXICO
1994 PLAN OF DEVELOPMENT**

Gentlemen:

By letters dated March 9, 1993 and June 18, 1992, Meridian Oil Inc., as Unit Operator, for the San Juan 32-9 Unit, filed a Plan of Development and First Amendment to said Plan of Development concerning the referenced unit for the calendar year of 1994. These programs provided for the drilling or recompletion of the listed wells:

FORMATION	PROPOSED	ACTUALLY DRILLED
Fruitland Coal	0	0
Pictured Cliffs	0	0
Mesaverde	8	8
Dakota	2	2

As of this date, the total number of wells in the San Juan 32-9 Unit is as follows:

Fruitland Coal, Pending Commerciality	63
Pictured Cliffs, Commercial	21
Pictured Cliffs, Being Evaluated Pending Commerciality	5
Pictured Cliffs, Plugged & Abandoned	2
Dual Nacimiento/Pictured Cliffs, Commercial	1
Mesaverde, Commercial	114
Mesaverde, Non-Commercial	5
Mesaverde, Plugged & Abandoned	4
Dakota, Non-Commercial	1
Morrison/Salt Water Disposal	1

Regulatory Agencies
January 17, 1994
Page Two

OIL CONDEMNATION DIVISION
RECEIVED
JAN 20 AM 9 07

Pursuant to Section 10 of the San Juan 32-9 Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits the following wells for the 1994 Plan of Development.

WELL NAME	LOCATION	FORMATION
San Juan 32-9 Unit #14ST (MV)	E/2 Sec. 9, T31N, R9W	Sidetrack and MV Comp.
San Juan 32-9 Unit #21ST (MV)	W/2 Sec 11, T31N, R10W	Sidetrack and MV Comp.

Meridian oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage to unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,



Kent Beers,
Attorney-in-Fact

98

KOB:JFZ/lr
POD94/7-9

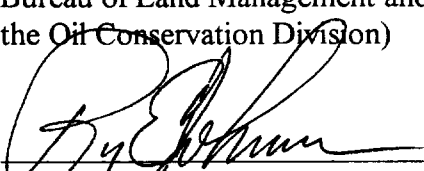
xc: San Juan 32-9 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATE: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATE: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATE: 1-27-94

SAN JUAN 32-9 UNIT WORKING INTEREST OWNERS

Amoco Production Company

Arco Oil & Gas Company

Bolack Minerals Company

Mr. John S. Brown, Jr.

Conoco, Inc.

Devon Energy Corporation

El Paso Production Company

Koch Industries, Inc.

T. H. McElvain Oil & Gas Limited Partnership

Phillips Petroleum Company

Mr. James M. Raymond

Southland Royalty Company

Texaco Exploration & Production Inc.

Total Minatome Corporation

Williams Production Company



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 1, 1992

Meridian Oil, Inc.
P. O. Box 4289
Farmington, New Mexico 84799-4289

Attn: Mr. Kent Beers

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
Fruitland Participating Area
15th thru 20th Expansions

Dear Mr. Beers:

This office is in receipt of your letter of July 26, 1991 requesting approval of the Fifteenth thru Twentieth Expansions of the Fruitland Participating Area for the San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Bureau of Land Management has advised this office of their approval to these expansions by their letters of March 5, 1992 and March 30, 1992.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the above mentioned participating areas effective as follows:

The 15th Expansion is effective October 1, 1989.
The 16th Expansion is effective November 1, 1989.
The 17th Expansion is effective December 1, 1989.
The 18th Expansion is effective January 1, 1990.
The 19th Expansion is effective February 1, 1990.
The 20th Expansion is effective March 1, 1990.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
OCD-Santa Fe- Attn: Mr. Roy Johnson

OIL CONSERVATION DIVISION
RECEIVED

'92 MAR 31 AM 8 33

San Juan 30-6 Unit (PA)
3186.1 (019)

MAR. 30 1992

Ms. Linda Donahue
Meridian Oil Inc.
P.O. Box 4289
Farmington, NM 87499-4289

Dear Linda:

Thank you for calling to our attention the fact that only the Initial Participating Area in the referenced unit is effective the date that the initiating well is completed. All subsequent revisions are effective the first day of the month following the completion of the initiating well. Therefore, the effective dates of the revisions 15-20 will be adjusted to reflect the first of the month following completion. The revised effective dates of the expansions are as follows:

Expansion Number	Effective Date
Fifteenth	October 1, 1989
Sixteenth	November 1, 1989
Seventeenth	December 1, 1989
Eighteenth	January 1, 1990
Nineteenth	February 1, 1990
Twentieth	March 1, 1990

We apologize for any inconvenience this error on our part may have caused. If you have additional questions or concerns, please contact Ray Hager at (505) 599-8959.

Sincerely,

/s/ John L. Keller

FOR Mike Pool
Area Manager

cc:
Minerals Management Service, MS-3240
Commissioner of Public Lands, Santa Fe, NM
New Mexico Oil Conservation Division, Santa Fe, NM



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Farmington Resource Area

1235 Laplata Highway

Farmington, New Mexico 87401

IN REPLY REFER TO:

San Juan 30-6 Unit (PA)
3186.1 (019)

MAR 10 1992

Meridian Oil Incorporated
P.O. Box 4289
Farmington, NM 87499-4289

Gentlemen:

We have reviewed your application for expansions 21 through 23 of the Fruitland Coal Participating Area in the San Juan 30-6 Unit. An economic evaluation was conducted utilizing actual production data, combined with economic parameters such as well cost, operating cost etc. included in your application. The wells analyzed for expansion 21 and 22 were determined to be incapable of producing unitized substances in paying quantities. Your application for expansions 21 and 22 is hereby denied.

The following table will indicate acreage affected and the initiating wells for the denied expansions.

EXPANSION NUMBER	EFFECTIVE DATE	ACRE	ACREAGE INVOLVED	LOCATION			WELL(S)
				Sec	T	R	
21	DENIED	1600	W $\frac{1}{2}$	36	30N	6W	444
			ALL	35	30N	6W	446,496
			ALL	34	30N	6W	483,484
22	DENIED	640	ALL	26	30N	6W	410,492

The determination for the 23rd expansion which you submitted will be deferred until the application is re-submitted in sequence.

Please continue to report production from all wells submitted under the lease number.

Under the provisions of 43 CFR 3165.3, you may request an administrative review of the non-paying determination. The request, including all supporting documents must be filed in writing within 20 business days of receipt of this correspondence. The appeal must be filed with the State Director, Bureau of Land Management, PO Box 27115, Santa Fe, New Mexico 87502-7115.

Such requests shall not result in the suspension of the non-paying determination unless the reviewing official so determines. Procedures governing appeals from instructions, orders, or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 et. seq.

If you have any questions, please contact Ray Hager at (505) 599-8959.

Sincerely,

/s/ John L. Keller

cc Mike Pool
Area Manager

1 Enclosure:

1 - Application

cc:

Minerals Management Service, RMP, MS-3240, Denver, CO
Commissioner of Public Lands, Santa Fe, NM
New Mexico Oil Conservation Division, Santa Fe, NM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington Resource Area
1235 Laplata Highway
Farmington, New Mexico 87401



IN REPLY REFER TO:
San Juan 30-6 Unit PA
3186.1 (019)

MAR. 5 1992

Meridian Oil Inc.
P.O. Box 4289
Farmington, NM 87499-4289

Gentlemen:

We have reviewed your application for expansions fifteen through twenty of the Fruitland Coal Participating Area in the San Juan 30-6 Unit. An economic evaluation was conducted utilizing actual production data, combined with economic parameters such as well cost, operating cost etc. included in your application. All of the wells analyzed were determined to be capable of producing unitized substances in paying quantities. Your application for expansions 15-20 is hereby approved as submitted.

The following table will indicate the effective date, acreage affected and the initiating wells for each expansion.

EXPANSION NUMBER	EFFECTIVE DATE	ACRE	ACREAGE INVOLVED	LOCATION			WELL(S)
				Sec	T	R	
15	09-18-89	320	W $\frac{1}{2}$	36	30N	7W	468
16	10-15-89	640	All	16	30N	6W	407,408
17	11-18-89	1600	W $\frac{1}{2}$	11	30N	7W	461
			All	21	30N	6W	470,471
			All	22	30N	6W	472,473
18	12-2-89	960	E $\frac{1}{2}$	27	30N	6W	474
			All	9	30N	6W	403,405
19	01-18-90	640	W $\frac{1}{2}$	27	30N	6W	475
			E $\frac{1}{2}$	28	30N	6W	476
20	02-11-90	1280	W $\frac{1}{2}$	30	30N	6W	481
			W $\frac{1}{2}$	28	30N	6W	477
			All	29	30N	6W	478,479

We would like to thank you for the documentation and effort in preparing your application. Our special thanks to Linda Donohue who has been very helpful.

If you have any questions, please contact Ray Hager at (505) 599-8959.

Sincerely,

/s/ John L. Keller

For Mike Pool
Area Manager

1 Enclosures:
1 - Application

cc:
Minerals Management Service, RMP, MS-3240, Denver, CO (w/encl)
Commissioner of Public Lands, Santa Fe, NM (w/o encl)
New Mexico Oil Conservation Division, Santa Fe, NM (w/o encl)

MERIDIAN OIL

493
OIL CONSERVATION DIVISION
RE
1992 MAR 10 10 AM

March 2, 1992

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe., NM 87501-2088

RE: SAN JUAN 30-6 UNIT, #14-08-001-538
Rio Arriba County, New Mexico
1992 Plan of Development

Gentlemen:

By letters dated February 27, 1991, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a Plan of Development for the calendar year 1991. This program provided for the drilling of three (3) Dakota formation wells. The wells were not drilled and should be cancelled from the Plan of Development:

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-6 Unit #117	E/2 11-30N-6W	Dakota
San Juan 30-6 Unit #118	E/2 12-30N-6W	Dakota
San Juan 30-6 Unit #119	E/2 13-30N-6W	Dakota

Regulatory Agencies
March 2, 1992
Page Two

As of this date, the total number of wells in the San Juan 30-6 Unit are as follows:

Fruitland, Commercial (Based upon approved 14th expansion)	50
Fruitland, Being Evaluated	48
Fruitland, Pressure Observation Wells	3
*Fruitland, Plugged & Abandoned	1
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-Commercial	1
Mesaverde, Plugged & Abandoned	15
Pennsylvanian, Plugged & Abandoned	2
Salt Water Disposal Wells	<u>2</u>
	255

*Formerly Abraham #1 Well

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, Meridian Oil Inc., as Unit Operator, is submitting a Plan of Development providing for the drilling of no wells during the calendar year 1992.

All working interest owners have been contacted regarding this Plan of Development. Meridian Oil Inc., and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,


Kent Beers
Attorney-in-Fact 

KB:LD/lr
IDreg/28-30
Enclosures
San Juan 30-6 Unit, 3.0

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

J. R. Abraham

Frederick Eugene Turner

Ameritrust Texas National Association,
Trustee for Mary Francis Turner, Jr.

J. Glenn Turner, Jr.

John Lee Turner

Amoco Production Company

Paul H. Umbach Estate

Arco Oil & Gas Company

Williams Production Company

Elizabeth Jeanne Turner Calloway

The Wiser Oil Company

W. P. Carr

Conoco Inc.

El Paso Production Company

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

Koch Industries - deep rights

T. H. McElvain Oil & Gas Properties
on behalf of:
Catherine M. Harvey
Catherine B. McElvain
T. H. McElvain, Jr.

Meridian Oil Production Inc.

Morris Mizel

Lee Wayne Moore and Jo Ann M. Moore

Mosbacher Energy Company
Emil Mosbacher III, R. Bruce Mosbacher,
John David Mosbacher, Mosbacher USA Inc.,
Barbara M. Inc., Ben S. Inc., Clint S.
Inc. Robert Adam Mosbacher

Phillips Petroleum Company

Prudential-Bache
c/o Graham Royalty

PWG Partnership

James M. Raymond, Individually and
as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts

W. H. Sloan

Southland Royalty Company

St. John's Institutional Investment

APPROVED: _____
Bureau of Land Management
(Subject to like approval by
the Oil Conservation Division &
Commissioner of Public Lands)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by
the Bureau of Land Management &
the Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by
the Bureau of Land Management &
the Commissioner of Public Lands)

DATED: 3-6-92

The foregoing approvals for the 1992 Plan of Development for the San Juan
30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.



State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

JIM BACA
COMMISSIONER

January 30, 1992

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Ms. Linda Donohue

Re: San Juan 30-6 Unit, Rio Arriba County, New Mexico
Approval of Seventh - Fourteenth Expanded Participating Area
Fruitland Formation

Dear Ms. Donohue:

The Bureau of Land Management has advised this office that the Seventh through the Fourteenth Expanded Participating Area, for the Fruitland Formation, San Juan 30-6 Unit, Rio Arriba County, New Mexico has been approved.

This office is in receipt of the previous operator's letter of November 21, 1989 requesting our approval of the above mentioned Participating Area.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's decision and has this date also approved the above mentioned Participating Areas.

The Seventh Expanded Participating Area is hereby approved effective August 1, 1988. The Ninth Expanded Participating Area is hereby approved effective September 1, 1988. The Tenth Expanded Participating Area is hereby approved effective October 1, 1988. The Eleventh Expanded Participating Area is hereby approved effective November 1, 1988. The Twelfth Expanded Participating Area is hereby approved effective January 1, 1989. The Thirteenth Expanded Participating Area is hereby approved effective June 1, 1989 and the Fourteenth Expanded Participating Area is hereby approved effective August 1, 1989.

Please advise all interested parties of this action.

If you have any questions, or if we can be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
BLM-Farmington

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED

192 FEB 11 AM 9 26

January 29, 1992

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

*D-
UNIT LETTER*

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

New Mexico Oil Conversation Division (2)
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

RE: SAN JUAN 30-6 UNIT, #14-08-001-538
Rio Arriba County, New Mexico
Fruitland Coal Participating Area
21st Expansion - Effective 4-1-90
22nd Expansion - Effective 5-1-90
23rd Expansion - Effective 6-1-90

Gentlemen:

Pursuant to Section 11 (a) of the referenced unit agreement, approved April 30, 1953, Meridian Oil Inc., as unit operator, has determined on the dates indicated below that the following wells are capable of producing unitized substances in paying quantities from the Fruitland Coal Formation and thereby should be admitted to the Fruitland Participating Area:

TWENTY-FIRST EXPANSION - EFFECTIVE APRIL 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#444	Tr. 37/160.00	NW/4	3-25-90
W/2 36-30N-6W	Tr. 39/160.00	SW/4	
320.00 acres			
#446	Tr. 29/279.52	Lots 1-4, E/2 W/2	3-18-90
W/2 35-30N-6W	Tr. 51/40.48	Part of Tr. 47 in	
320.00 acres		W/2 W/2	
#483	Tr. 13/124.53	Lots 1 & 2, W/2 NE	3-26-90
E/2 34-30N-6W	Tr. 14/44.82	Lots 3, 5 & 6	
320.00 acres	Tr. 51/115.18	Lot 4, Part of Tr. 47	
		in SE/4	
	Tr. 56/35.47	Part of Tr. 47 in NE/4	

(Cont'd)

TWENTY-FIRST EXPANSION - EFFECTIVE APRIL 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#484	Tr. 13/160.00	NW/4	3-26-90
W/2 34-30N-6W	Tr. 14/40.00	SE/SW	
320.00 acres	Tr. 51/120.00	N/2 SW, SW/SW	
#496 (IDB)	Tr. 29/320.00	E/2	12/23/90
E/2 35-30N-6W			(IDB)
320.00 acres			

TWENTY-SECOND EXPANSION - EFFECTIVE MAY 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#410	Tr. 1/320.00	E/2	4/25/90
E/2 26-30N-6W			
320.00 acres			
#492 (IDB)	Tr. 1/320.00	W/2	12/14/90
W/2 26-30N-6W			(IDB)
320.00 acres			

TWENTY-THIRD EXPANSION - EFFECTIVE JUNE 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#422	Tr. 8A/320.00	W/2	5/25/90
W/2 27-30N-7W			
320.00 acres			
#447	Tr. 7/320.00	E/2	5/29/90
E/2 31-30N-7W			
320.00 acres			
Com #467 (Only E/2 W/2 in 30-5)			
W/2 22-30N-7W	Tr. 8/160.00	E/2 W/2	5/9/90
160.00 acres			
#482	Tr. 13/320.00	W/2	5/19/90
W/2 31-30N-6W			
320.00 acres			
#485 (IDB)	Tr. 34/80.00	W/2 SE	10/19/90
E/2 36-30N-7W			(IDB)
320.00 acres	Tr. 35/120.00	N/2 NE,	
		SE/SE	
	Tr. 36/40.00	NE/SE	
	Tr. 43/40.00	SE/NE	
	Tr. 49/40.00	SW/NE	

An economic summary sheet is attached for your information for each well's commerciality. The expansion schedules for the Twenty-first to Twenty-third Participating Areas are also enclosed. The schedules describe the participating areas and show the percentage of unitized substances allocated to the tracts according to the ownership within the tracts.

We would appreciate consideration of these expansion as soon as possible. Please contact Linda Donohue at (505)-326-9760 if there are any questions regarding this matter.

Copies of this letter is being furnished to the working interest owners on the attached list.

Yours very truly,

A handwritten signature in black ink, appearing to be 'KB' with a long horizontal stroke extending to the right.

Kent Beers
Regional Land Manager

KB:MW/lr
ID#20/4-7

San Juan 30-6 Unit, 4.5

SAN JUAN 30-6 UNIT
FRUITLAND PARTICIPATING AREA AND FRUITLAND DRILL BLOCK OWNERS

Amoco Production Company

Arco Oil & Gas Company

W. P. Carr

Conoco Inc.

El Paso Production Company

Global Natural Resources Corporation

T. H. and Nancy L. Harrington

T. H. McElvain Oil & Gas Properties
on behalf of:
Catherine M. Harvey
Catherine B. McElvain
T. H. McElvain, Jr.

Meridian Oil Production Inc.

Morris Mizel

Lee Wayne and Jo Ann Moore

Mosbacher Energy Company
Emil Mosbacher III, R. Bruce Mosbacher,
John David Mosbacher, Mosbacher USA Inc.,
Barbara M. Inc., Ben S. Inc., Clint S. Inc.
Robert Adam Mosbacher

Phillips Petroleum Company

PWG Partnership

Prudential Bache
c/o Graham Royalty

James M. Raymond, Individually and
as Trustee for Corinne Miller Gay
and Maydell Miller Mast Trusts

Southland Royalty Company

St. John's Institutional Investment Ltd.

Paul H. Umbach Estate

Williams Production Company

The Wiser Oil Company

MERIDIAN OIL

OIL CONSERVATION DIVISION
SANTA FE, NM

191 AUG 9 AM 9 04

July 26, 1991

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

New Mexico Oil Conversation Division (2)
Energy & Minerals Department
Post Office Box 2088
Santa Fe, New Mexico 87504

RE: SAN JUAN 30-6 UNIT, #14-08-001-538
Rio Arriba County, New Mexico
FRUITLAND PARTICIPATING AREA
15th Expansion - Effective 6-1-89
16th Expansion - Effective 8-1-89
17th Expansion - Effective 10-1-89
18th Expansion - Effective 11-1-89
19th Expansion - Effective 12-1-89
20th Expansion - Effective 1-1-90

Gentlemen:

Pursuant to Section 11 (a) of the referenced unit, approved April 30, 1953, Meridian Oil Inc., as unit operator, has determined on the dates indicated below that the following wells are capable of producing unitized substances in paying quantities from the Fruitland Coal Formation and thereby should be admitted to the Fruitland Participating Area:

FIFTEENTH EXPANSION - EFFECTIVE OCTOBER 1, 1989

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
#468	Tr. 50/120.00	SE¼ NW¼, E½ SW¼	9-16-89
W½ 36-30N-7W	Tr. 46/ 80.00	W½ SW¼	
320.00 acres	Tr. 47/120.00	N½ NW¼, SW¼ NW¼	

SIXTEENTH EXPANSION - EFFECTIVE NOVEMBER 1, 1989

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
<u>#407</u>	Tr. 40/160.00	NE¼	10-15-89
E½ 16-30N-6W	Tr. 41/160.00	SE¼	
320.00 acres			
<u>#408</u>	Tr. 41/160.00	SW¼	10-26-89
W½ 16-30N-6W	Tr. 38/160.00	NW¼	
320.00 acres			

SEVENTEENTH EXPANSION - EFFECTIVE DECEMBER 1, 1989

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
<u>#461</u>			11-8-89
W½ 11-30N-7W	Tr. 4 /320.00	W½	
320.00 acres			
<u>#470</u>			
E½ 21-30N-6W	Tr. 16/210.28	Lot 1, (26.99)	11-27-89
320.00 acres		Lot 2, (23.29)	
		E½ NE¼, N½ SE¼	
	Tr. 57A/80.00	W½ NE¼	
	Tr. 28/ 13.01	Tr. 43 in SE¼	
	Tr. 56/ 16.71	Tr. 42 in SE¼	
<u>#471</u>	Tr. 57A/160.00	NW¼	12-22-89
W½ 21-30N-6W	Tr. 16/146.99	Lot 3 (26.99)	(IDB)
320.00 acres		N½ SW¼ SW¼ SW¼	
	Tr. 56/ 13.01	Tr. 42 in SW¼	
<u>#472</u>	Tr. 19/320.00	E½	11-23-89
E½ 22-30N-6W			
320.00 acres			
<u>#473</u>			
W½ 22-30N-6W	Tr. 16/ 50.34	Lot 2 (10.34)	12-7-89
320.00		NW¼ SW¼	(IDB)
(IDB)	Tr. 19/223.79	Lot 1 (23.79)	
		NW¼, NE¼ SW¼	
	Tr. 28/ 45.87	Tr. 43 in SW¼	

EIGHTEENTH EXPANSION - EFFECTIVE JANUARY 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
<u>#474</u>	Tr. 16/320.00	E½	12-2-89
E½ 27-30N-6W			
320.00 acres			

EIGHTEENTH EXPANSION (Cont'd) - EFFECTIVE JANUARY 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
<u>#405</u> W½ 9-30N-6W 320.00 acres	Tr. 24/320.00	W½	12-22-89
<u>#403</u> E½ 9-30N-6W	Tr. 27/320.00	E½	6-10-90 (IDB)

NINETEENTH EXPANSION - EFFECTIVE FEBRUARY 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
<u>#475</u> W½ 27-30N-6W 320.00 acres	Tr. 16/281.41	Lot 1 (34.08) Lot 2 (13.10) Lot 3 (34.23) SE NW, SW¼	2-2-90 (IDB)
	Tr. 28/ 38.59	Tr. 43 in NW¼	
<u>#476</u> E½ 28-30N-6W 320.00 acres	Tr. 16/ 42.62	Lot 4 (13.00) Lot 5 (29.62)	1-18-90
	Tr. 17/114.23	Lot 6 (34.23) E½ SE¼	
	Tr. 28/ 72.85	Tr. 43 in NE¼	
	Tr. 51/ 45.77	Tr. 42 in SE¼	
	Tr. 56/ 44.53	Tr. 42 in NE¼	

TWENTIETH EXPANSION - EFFECTIVE MARCH 1, 1990

<u>WELL NO./DESCRIPTION</u>	<u>TRACT/ACRES</u>	<u>TR. DESCRIPTION</u>	<u>COMP. DATE</u>
<u>#481</u> W½ 30-30N-6W 320.00 acres	Tr. 13/320.00	W½	2-11-90
<u>#477</u> W½ 28-30N-6W 320.00 acres	Tr. 26/ 95.26	Lot 2 (28.27) Lot 3 (26.99) NW¼ NW¼	3-14-90 (IDB)
	Tr. 51/160.00	Tr. 42 in SW¼	
	Tr. 56/ 64.74	Tr. 42 in NW¼	
<u>#478</u> E½ 29-30N-6W 320.00 acres	Tr. 16/ 80.00	S½ NE¼	2-23-90
	Tr. 51/160.00	SE¼	
	Tr. 55/ 80.00	N½ NE¼	
<u>#479</u> W½ 29-30N-6W 320.00 acres	Tr. 16/320.00	W½	2-12-90

An economic summary sheet is attached for your information for each well commerciality. The expansion schedules for the Fifteenth to Twentieth Participating Areas are also enclosed. The schedules describe the participating areas and show the percentage of unitized substances allocated to the tracts according to the ownership within the tracts.

We would appreciate consideration of these expansion as soon as possible.

Copies of this letter is being furnished to the working interest owners on the attached list.

Yours very truly,


Kent Beers
Attorney in Fact

KB:LD/lr

ID#265/18-22

SJ30-6,4.5

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #468
Formation: Fruitland Coal
Location: 30N-07W-36K
County and State: Rio Arriba, New Mexico

Date Spudded: 09-02-89
Date Completed: 09-18-89
Date of First Delivery: 09-30-89
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (\$M) 537.7

Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 876 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water</u> <u>(MMCF)/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense</u> <u>Base/Water</u> <u>(M\$)/(M\$)</u>
89	398 / 7	-	6 / 2.0
90	1349 / 18	-	18 / 5.4
91	1439 / 15	-	18 / 4.6
92	1439 / 13	-	18 / 3.9

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP</u> <u>(PSIG)</u>	<u>WHFTP</u> <u>(PSIG)</u>	<u>WHFCP</u> <u>(PSIG)</u>	<u>AOI (MCFD)</u>
09-24-89	1230			

RUN DATE 07/26/91
RUN TIME 17:18:18

MERIDIAN OIL INC.
SCHEDULE XVI
THE O15 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	3ON 7W	960.00	TRACT: 002				5.982993
SEC. 14	W/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 12	E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	
NM-012293	3ON 7W	960.00	TRACT: 003				5.982993
SEC. 14	E/2		ORRI:		2.500000	2.500000	
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
SEC. 13	E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
NM-012694	3ON 7W	320.00	TRACT: 004				1.994331
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
NM-012710	3ON 7W	640.00	TRACT: 005				3.988663
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	
SF-079002	3ON 6W	800.00	TRACT: 006				4.985827
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 89/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074	3ON 7W	160.00		TRACT: 008			0.997166
	SEC. 22	W/2 E/2					
	ORRI: ROYALTY: WORKING INTEREST: T H MCELVAIN OIL AND						
					12.500000	12.500000	
					87.500000	87.500000	
					100.000000	100.000000	
					100.000000	100.000000	

SF-079382	3ON 7W	2,080.00		TRACT: 009			12.963152
	SEC. 23	ALL					
	SEC. 24	ALL					
	SEC. 25	ALL					
	SEC. 22	E/2 E/2					
	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND						
					11.875000	11.875000	
					12.500000	12.500000	
					61.875000	61.875000	
					5.729166	5.729166	
					0.572917	0.572917	
					0.572917	0.572917	
					6.875000	6.875000	
					100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

SF-079383	3ON 7W	2,240.00		TRACT: 010			13.960318
	SEC. 26	ALL					
	SEC. 35	ALL					
	SEC. 27	E/2					
	SEC. 34	ALL					
	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND						
					11.875000	11.875000	
					12.500000	12.500000	
					61.875000	61.875000	
					5.729166	5.729166	
					0.572917	0.572917	
					0.572917	0.572917	
					6.875000	6.875000	
					100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

EFFECTIVE 89/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-080180-A	30N 6W	320.00	TRACT: 011				
SEC. 31	E/2						
			ORRI:		25.625000	25.625000	1.994331
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		61.875000	61.875000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 20.625% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00	TRACT: 012				
SEC. 19	N/2, N/2 S/2, SW/4 SW/4						
			ORRI:		3.000000	3.000000	3.240788
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			ARCO				
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	440.00	TRACT: 015				
SEC. 20	W/2 NE, NW/4, N/2 S/2, SE/SE						
			ORRI:		3.000000	3.000000	2.742205
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			ARCO				
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	320.00	TRACT: 016				
SEC. 30	E/2						
			ORRI:		16.916666	16.916666	1.994331
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		12.500000	12.500000	
			AMOCO PRODUCTION COMPANY		27.500000	27.500000	
			CONOCO INC		30.583334	30.583334	
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	

REMARKS:
 CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
 MOP1 SOLELY BEARS .666666% ORRI.

EFFECTIVE 89/10/01

RUN DATE 07/26/91
RUN TIME 17:18:20

THE 015 EXPANDED
PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080713	30N 6W	912.88	TRACT: 018				
SEC. 13	LOTS 1 - 4,	ORRI:			3.500000	3.500000	5.689329
W/2 E/2, NW/4		ROYALTY:			12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,	WORKING INTEREST:			32.955000	32.955000	
E/2 SW, W/2 E/2		GLOBAL NATURAL RESOURCES			41.750000	41.750000	
		EL PASO PRODUCTION CO			9.295000	9.295000	
		MERIDIAN OIL PRODUCTION					
TOTAL					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-B	30N 6W	1,040.00	TRACT: 020				
SEC. 15	S/2, S/2 NW/4	ORRI:			15.312500	15.312500	6.481576
SEC. 14	ALL	ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			72.187500	72.187500	
		EL PASO PRODUCTION CO					
TOTAL					100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.20	TRACT: 021				
SEC. 11	LOTS 1-8, N/2	ORRI:			3.500000	3.500000	2.992743
		ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			41.750000	41.750000	
		EL PASO PRODUCTION CO			32.955000	32.955000	
		GLOBAL NATURAL RESOURCES			9.295000	9.295000	
		MERIDIAN OIL PRODUCTION					
TOTAL					100.000000	100.000000	

EFFECTIVE 89/10/01

PAGE 5
FED530AP-A

[illegible]

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

[illegible]

REMARKS :
DRRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

[illegible]

NM-03385		1,200.00	TRACT:	025	7.478742
3ON	6W				

SEC.	17	ALL	ORRI:		
			ROYALTY:	3.000000	3.000000
SEC.	18	E/2, SW/4,	WORKING	12.500000	12.500000
		S/2 NW/4	INTEREST:	84.500000	84.500000
			ARCD	-----	-----
			TOTAL	100.000000	100.000000

[illegible]

EFFECTIVE 89/10/01

RUN DATE 07/26/91
RUN TIME 17:18:21

THE O15 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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NM-06283	30N 6W	160.00		TRACT: 031	3.500000	3.500000	0.997166
	SEC. 12 A PORTION OF TR 39		ROYALTY:		12.500000	12.500000	
	SEC. 11 A PORTION OF TR 39		WORKING INTEREST:		41.750000	41.750000	
			EL PASO PRODUCTION CO		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

E-347-20	30N 6W	230.24		TRACT: 039	21.875000	21.875000	1.434921
	SEC. 36 LOTS 1 - 4, W/2 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		65.625000	65.625000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

E-5111-6	30N 7W	80.00		TRACT: 046	7.500000	7.500000	0.498583
	SEC. 36 W/2 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		48.000000	48.000000	
			EL PASO PRODUCTION CO		32.000000	32.000000	
			CONOCO INC				
			TOTAL		100.000000	100.000000	

REMARKS:
SUBJECT TO PO WITH MESA UNDER GLA 204
ORRI REVERTS APO.

E-5167-2	30N 7W	120.00		TRACT: 047	12.500000	12.500000	0.747874
	SEC. 36 N/2 NW, SW/NW		ROYALTY:		37.187500	37.187500	
			WORKING INTEREST:		50.312500	50.312500	
			W P CARR				
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
B-10603-43	30N 7W	120.00		TRACT: 050	5.000000	5.000000	0.747874
	SEC. 36 SE/NW, E/2 SW				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			PAUL H UMBACH ESTATE		2.062500	2.062500	
			MORRIS MIZEL AND FLORA MIZEL		9.281250	9.281250	
			LEE WAYNE & JO ANN MOORE TRU		7.425000	7.425000	
			AMOCO PRODUCTION COMPANY		54.171562	54.171562	
			MERIDIAN OIL PRODUCTION		9.559688	9.559688	
			TOTAL		100.000000	100.000000	
J.C. GOMEZ	30N 6W	159.51		TRACT: 052			0.994112
	SEC. 10 A PORTION OF		ORRI:		15.312500	15.312500	
	SEC. 11 A PORTION OF		ROYALTY:		12.500000	12.500000	
	SEC. 15 A PORTION OF		WORKING INTEREST:				
			EL PASO PRODUCTION CO		30.937500	30.937500	
			PWG PARTNERSHIP		13.750000	13.750000	
			PRUDENTIAL BACHE ENERGY IIP-		0.316250	0.316250	
			PRUDENTIAL BACHE ENERGY IIP-		0.261250	0.261250	
			PRUDENTIAL BACHE ENERGY IIP-		0.756250	0.756250	
			PRUDENTIAL BACHE ENERGY IIP-		0.935000	0.935000	
			PRUDENTIAL BACHE ENERGY IIP-		1.485000	1.485000	
			PRUDENTIAL BACHE ENERGY IIP-		1.292500	1.292500	
			PRUDENTIAL BACHE ENERGY IIP-		3.767500	3.767500	
			PRUDENTIAL BACHE ENERGY IVP-		4.152500	4.152500	
			PRUDENTIAL BACHE ENERGY IVP-		0.783750	0.783750	
			FREEPORT MCMORAN INC		13.750000	13.750000	
			TOTAL		100.000000	100.000000	
			REMARKS:				
			ORRI INCLUDES 10.3125% NPI TO PHILLIPS				
			UNDER GLA 410 BORNE SOLELY BY EPPC.				
FEE	30N 6W	160.00		TRACT: 053			0.997165
	SEC. 13 SW/4		ORRI:		12.500000	12.500000	
			ROYALTY:		87.500000	87.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		100.000000	100.000000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/10/01

RUN DATE 07/26/91
RUN TIME 17:18:22

MERIDIAN OIL INC.
SCHEDULE XVI
THE O15 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRIILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL
J.E. GOMEZ	30N 6W	160.00		TRACT: 054				0.997166
SEC. 19	S/2 SE, SE/SW		ORRT:		5.000000	5.000000		
SEC. 20	SW/SW		ROYALTY:		12.500000	12.500000		
			WORKING INTEREST:		55.000000	55.000000		
			EL PASO PRODUCTION CO		27.500000	27.500000		
			THOMAS H & NANCY L HARRINGTO		100.000000	100.000000		
			TOTAL					
J.E. GOMEZ	30N 6W	80.00		TRACT: 055				0.498583
SEC. 20	SW/SE, SE/SW		ORRT:		5.000000	5.000000		
			ROYALTY:		12.500000	12.500000		
			WORKING INTEREST:		55.000000	55.000000		
			EL PASO PRODUCTION CO		27.500000	27.500000		
			THOMAS H & NANCY L HARRINGTO		100.000000	100.000000		
			TOTAL					
A. GOMEZ	30N 6W	80.00		TRACT: 057				0.498583
SEC. 20	E/2 NE/4		ORRT:		3.000000	3.000000		
			ROYALTY:		12.500000	12.500000		
			WORKING INTEREST:		84.500000	84.500000		
			WILLIAMS PRODUCTION COMPANY		100.000000	100.000000		
			TOTAL					

EFFECTIVE 89/10/01

RUN DATE 07/26/91
RUN TIME 17:18:29

EL PASO NATURAL GAS
SCHEDULE XVI
R E C A P I T U L A T I O N

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DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:	DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:
TOWNSHIP 30N	
SECTION 10 : RANGE 6W	
SECTION 10 : LOTS 1-5, N/2,	W/2 SW/4
SECTION 10 : A PORTION OF	TR 38
SECTION 11 : A PORTION OF	TR 38
SECTION 11 : A PORTION OF	TR 39
SECTION 11 : LOTS 1-8, N/2	
SECTION 12 : A PORTION OF	TR 39
SECTION 12 : LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13 : LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 13 : SW/4	
SECTION 14 : ALL	
SECTION 15 : S/2, S/2 NW/4	
SECTION 15 : LOTS 1,2, NE/NE,	S/2 NE, NW/NW
SECTION 15 : A PORTION OF	TR 38
SECTION 17 : ALL	
SECTION 18 : N/2 NW/4	
SECTION 18 : E/2, SW/4,	S/2 NW/4
SECTION 19 : S/2 SE, SE/SW	
SECTION 19 : N/2, N/2 S/2,	SW/4 SW/4
SECTION 20 : W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 20 : SW/SW	
SECTION 20 : E/2 NE/4	
SECTION 20 : SW/SE, SE/SW	
SECTION 30 : E/2	
SECTION 31 : E/2	
SECTION 36 : LOTS 1 - 4,	W/2 E/2
SECTION 7 : S/2	
SECTION 7 : N/2	
SECTION 8 : E/2, NW/4	
SECTION 8 : SW/4	
TOWNSHIP 30N	
SECTION 11 : RANGE 7W	
SECTION 11 : E/2	
SECTION 12 : W/2	
SECTION 12 : E/2	
SECTION 13 : W/2	
SECTION 13 : E/2	
SECTION 14 : W/2	
SECTION 14 : E/2	
SECTION 15 : W/2	
SECTION 15 : E/2	
SECTION 22 : W/2 E/2	
SECTION 22 : E/2 E/2	
SECTION 23 : ALL	
SECTION 24 : ALL	
SECTION 25 : ALL	
SECTION 26 : ALL	
SECTION 27 : E/2	
SECTION 34 : ALL	
SECTION 35 : ALL	
SECTION 36 : W/2 SW/4	
SECTION 36 : SE/NW, E/2 SW	

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 36 : N/2 NW, SW/NW

TOTAL COMMITTED: 16,045.48

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 16,045.48

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #407
Formation: Fruitland Coal
Location: 30N-06W-16H
County and State: Rio Arriba, New Mexico

Date Spudded: 09-27-89
Date Completed: 10-15-89
Date of First Delivery: 12-06-89
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 647.1

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 905.18 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW)	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
89	83 / 1	-	1.5 / .4
90	3107 / 14	-	18 / 4.4
91	3195 / 12	-	18 / 3.8
92	3195 / 10	-	18 / 3.3

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOE (MCFD)
10-31-89	1464			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #408
Formation: Fruitland Coal
Location: 30N-06W-16L
County and State: Rio Arriba, New Mexico

Date Spudded: 10-03-89
Date Completed: 10-26-89
Date of First Delivery: 12-06-89
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 656.7

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 905.18 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF)/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
89	83 / 1.8	-	.3 / .6
90	2443 / 19.2	-	18 / 6.0
91	2630 / 15.5	-	18 / 4.8
92	2630 / 12.5	-	18 / 4.0

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
11-10-89	1460			

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00		TRACT: 002			5.753505
SEC. 14	W/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 12	E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	
NM-012293							
30N	7W	960.00		TRACT: 003			5.753505
SEC. 14	E/2		ORRI:		2.500000	2.500000	
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
SEC. 13	E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
NM-012694							
30N	7W	320.00		TRACT: 004			1.917836
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
NM-012710							
30N	7W	640.00		TRACT: 005			3.835670
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	
SF-079002							
30N	6W	800.00		TRACT: 006			4.794588
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS

UNDER GLA 410 BORNE SOLELY BY EPPC.

SUBJECT TO GLA 59.

EFFECTIVE 89/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074	3ON 7W SEC. 22 W/2 E/2	160.00	ORRI: ROYALTY: WORKING INTEREST: T H MCELVAIN OIL AND	TRACT: 008	12.500000 87.500000 100.000000	12.500000 87.500000 100.000000	0.958917
TOTAL							

SF-079382	3ON 7W SEC. 23 ALL SEC. 24 ALL SEC. 25 ALL SEC. 22 E/2 E/2	2,080.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND	TRACT: 009	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	12.465929
TOTAL							

REMARKS:
 ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

SF-079383	3ON 7W SEC. 26 ALL SEC. 35 ALL SEC. 27 E/2 SEC. 34 ALL	2,240.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND	TRACT: 010	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	13.424846
TOTAL							

REMARKS:
 ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

EFFECTIVE 89/11/01

RUN DATE 07/26/91
RUN TIME 17:18:22

MERIDIAN OIL INC.
SCHEDULE XVII
THE 016 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-080180-A	30N 6W	320.00		TRACT: 011			1.917835
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		25.625000 12.500000 61.875000	25.625000 12.500000 61.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 20.625% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00		TRACT: 012			3.116482
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	440.00		TRACT: 015			2.637023
	SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	320.00		TRACT: 016			1.917836
	SEC. 30 E/2		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC MERIDIAN OIL PRODUCTION		16.916666 12.500000 12.500000 27.500000 30.583334	16.916666 12.500000 12.500000 27.500000 30.583334	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPI.
MOPI SOLELY BEARS .666666% ORRI.

EFFECTIVE 89/11/01

RUN DATE 07/26/91
RUN TIME 17:18:22

MERIDIAN OIL INC.
SCHEDULE XVII
THE 016 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
THE NPI AND ORRI ARE INCLUDED WITH THE CURRENT TRACT ORRI OF 12.5%.							

SF-080713	30N 6W	912.88	TRACT: 018				5.471104
SEC. 13	LOTS 1 - 4,	ORRI:			3.500000	3.500000	
W/2 E/2, NW/4		ROYALTY:			12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,	WORKING INTEREST:			32.955000	32.955000	
E/2 SW, W/2 E/2		GLOBAL NATURAL RESOURCES			41.750000	41.750000	
		EL PASO PRODUCTION CO			9.295000	9.295000	
		MERIDIAN OIL PRODUCTION					
TOTAL					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-B	30N 6W	1,040.00	TRACT: 020				6.232964
SEC. 15	S/2, S/2 NW/4	ORRI:			15.312500	15.312500	
SEC. 14	ALL	ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			72.187500	72.187500	
		EL PASO PRODUCTION CO					
TOTAL					100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.20	TRACT: 021				2.877951
SEC. 11	LOTS 1-8, N/2	ORRI:			3.500000	3.500000	
		ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			41.750000	41.750000	
		EL PASO PRODUCTION CO			32.955000	32.955000	
		GLOBAL NATURAL RESOURCES			9.295000	9.295000	
		MERIDIAN OIL PRODUCTION					
TOTAL					100.000000	100.000000	

EFFECTIVE 89/11/01

RUN DATE 07/26/91
RUN TIME 17:18:23

MERIDIAN OIL INC.
SCHEDULE XVII
THE 016 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080714-A

30N	6W	742.65		TRACT: 022			4.450876
SEC. 10	LOTS 1-5, N/2, W/2 SW/4		ORRI: ROYALTY: WORKING INTEREST:		15.312500 12.500000	15.312500 12.500000	
SEC. 15	LOTS 1,2,NE/NE, S/2 NE, NW/NW		EL PASO PRODUCTION CO		72.187500	72.187500	
TOTAL					100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384

30N	6W	80.00		TRACT: 024			0.479459
SEC. 18	N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000	5.000000 12.500000	
TOTAL					100.000000	100.000000	

NM-03385

30N	6W	1,200.00		TRACT: 025			7.191882
SEC. 17	ALL		ORRI:		3.000000	3.000000	
SEC. 18	E/2, SW/4, S/2 NW/4		ROYALTY: WORKING INTEREST: ARCO		12.500000 84.500000	12.500000 84.500000	
TOTAL					100.000000	100.000000	

NM-03403

30N	6W	480.00		TRACT: 026			2.876752
SEC. 7	S/2		ORRI:		3.000000	3.000000	
SEC. 8	SW/4		ROYALTY: WORKING INTEREST: ARCO		12.500000 84.500000	12.500000 84.500000	
TOTAL					100.000000	100.000000	

EFFECTIVE 89/11/01

RUN DATE 07/26/91
RUN TIME 17:18:23

MERIDIAN OIL INC.
SCHEDULE XVII
THE 016 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-06283	30N 6W	160.00	ORRI:	TRACT: 031	3.500000	3.500000	0.958918
	SEC. 12 A PORTION OF TR 39		ROYALTY:		12.500000	12.500000	
	SEC. 11 A PORTION OF TR 39		WORKING INTEREST:		41.750000	41.750000	
			EL PASO PRODUCTION CO		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

E-347-36	30N 6W	160.00	TRACT: 038	5.000000	5.000000	0.958918
	SEC. 16 NW/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:	14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY	67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY			
			TOTAL	100.000000	100.000000	

E-347-20	30N 6W	230.24	TRACT: 039	21.875000	21.875000	1.379882
	SEC. 36 LOTS 1 - 4, W/2 E/2		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:	65.625000	65.625000	
			EL PASO PRODUCTION CO			
			TOTAL	100.000000	100.000000	

E-347-28	30N 6W	160.00	TRACT: 040	5.000000	5.000000	0.958918
	SEC. 16 NE/4		ORRI:	12.500000	12.500000	
			ROYALTY:	82.500000	82.500000	
			WORKING INTEREST:			
			WILLIAMS PRODUCTION COMPANY			
			TOTAL	100.000000	100.000000	

EFFECTIVE 89/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-39	30N 6W	320.00		TRACT: 041			1.917835
	SEC. 16 S/2						
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY				
			TOTAL		100.000000	100.000000	
E-5111-6	30N 7W	80.00		TRACT: 046			0.479459
	SEC. 36 W/2 SW/4						
			ORRI:		7.500000	7.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		48.000000	48.000000	
			EL PASO PRODUCTION CO		32.000000	32.000000	
			CONOCO INC				
			TOTAL		100.000000	100.000000	
REMARKS: SUBJECT TO PO WITH MESA UNDER GLA 204 ORRI REVERTS APO.							
E-5167-2	30N 7W	120.00		TRACT: 047			0.719188
	SEC. 36 N/2 NW, SW/NW						
			ORRI:		12.500000	12.500000	
			ROYALTY:		37.187500	37.187500	
			WORKING INTEREST:		50.312500	50.312500	
			W P CARR				
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	
B-10603-43	30N 7W	120.00		TRACT: 050			0.719188
	SEC. 36 SE/NW, E/2 SW						
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		2.062500	2.062500	
			PAUL H UMBACH ESTATE		9.281250	9.281250	
			MORRIS MIZEL AND FLORA MIZEL		7.425000	7.425000	
			LEE WAYNE & JO ANN MOORE TRU		54.171562	54.171562	
			AMOCO PRODUCTION COMPANY		9.559688	9.559688	
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/11/01

RUN DATE 07/26/91
RUN TIME 17:18:23

MERIDIAN OIL INC.
SCHEDULE XVII
THE 016 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 8
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J.C. GOMEZ	30N 6W	159.51		TRACT: 052			0.955981
SEC. 10	A PORTION OF TR 38		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO PWG PARTNERSHIP		15.312500 12.500000	15.312500 12.500000	
SEC. 11	A PORTION OF TR 38		PRUDENTIAL BACHE ENERGY IIP-		30.937500 13.750000	30.937500 13.750000	
SEC. 15	A PORTION OF TR 38		PRUDENTIAL BACHE ENERGY IIP-		0.316250 0.261250	0.316250 0.261250	
			PRUDENTIAL BACHE ENERGY IIP-		0.756250 0.935000	0.756250 0.935000	
			PRUDENTIAL BACHE ENERGY IIP-		1.485000 1.292500	1.485000 1.292500	
			PRUDENTIAL BACHE ENERGY IIP-		3.767500 4.152500	3.767500 4.152500	
			PRUDENTIAL BACHE ENERGY IVP-		0.783750 13.750000	0.783750 13.750000	
			FREEPORT MCMORAN INC				
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

FEE	30N 6W	160.00	TRACT: 053				0.958917
SEC. 13	SW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000 87.500000	12.500000 87.500000	
			TOTAL		100.000000	100.000000	
J.E. GOMEZ	30N 6W	160.00	TRACT: 054				0.958918
SEC. 19	S/2 SE, SE/SW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTON		5.000000 12.500000	5.000000 12.500000	
SEC. 20	SW/SW				55.000000 27.500000	55.000000 27.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/11/01

RUN DATE 07/26/91
RUN TIME 17:18:24

MERIDIAN OIL INC.
SCHEDULE XVII
THE 016 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J. E. GOMEZ	30N 6W	80.00		TRACT: 055	5.000000	5.000000	0.479459
	SEC. 20 SW/SE, SE/SW				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		55.000000	55.000000	
			THOMAS H & NANCY L HARRINGTO		27.500000	27.500000	
			TOTAL		100.000000	100.000000	
A. GOMEZ	30N 6W	80.00		TRACT: 057	3.000000	3.000000	0.479459
	SEC. 20 E/2 NE/4				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		84.500000	84.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/11/01

TOWNSHIP 30N	RANGE 6W	
SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4
SECTION 10	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 11	: LOTS 1-8, N/2	
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 12	: A PORTION OF	TR 39
SECTION 13	: SW/4	
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 14	: ALL	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: A PORTION OF	TR 38
SECTION 15	: LOTS 1,2, NE/NE,	S/2 NE, NW/NW
SECTION 16	: NW/4	
SECTION 16	: NE/4	
SECTION 16	: S/2	
SECTION 17	: ALL	
SECTION 18	: N/2 NW/4	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 19	: S/2 SE, SE/SW	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 20	: SW/SW	
SECTION 20	: E/2 NE/4	
SECTION 20	: SW/SE, SE/SW	
SECTION 30	: E/2	
SECTION 31	: E/2	
SECTION 36	: LOTS 1 - 4,	W/2 E/2
SECTION 7	: S/2	
SECTION 7	: N/2	
SECTION 8	: E/2, NW/4	
SECTION 8	: SW/4	
TOWNSHIP 30N	RANGE 7W	
SECTION 11	: E/2	
SECTION 12	: W/2	
SECTION 12	: E/2	
SECTION 13	: W/2	
SECTION 13	: E/2	
SECTION 14	: E/2	
SECTION 14	: W/2	
SECTION 15	: W/2	
SECTION 15	: E/2	
SECTION 22	: W/2 E/2	
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 34	: ALL	

SECTION 35 : ALL	
SECTION 36 : W/2 SW/4	
SECTION 36 : SE/NW, E/2 SW	
SECTION 36 : N/2 NW, SW/NW	
TOTAL COMMITTED:	16,685.48

TOTAL ACRES NON-COMMITTED:	0.00
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TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:	16,685.48
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Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #461
Formation: Fruitland Coal
Location: 30N-07W-11M
County and State: Rio Arriba, New Mexico

Date Spudded: 10-17-89
Date Completed: 11-18-89
Date of First Delivery: 12-29-89
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 491.5

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 883 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
89	6 / 26	-	1.6 / 8.0
90	658 / 257	-	18.0 / 79.7
91	1232 / 179	-	18.0 / 55.3
92	1232 / 124	-	18.0 / 38.4

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOI (MCFD)
12-05-89	1201			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #470
Formation: Fruitland Coal
Location: 30N-06W-21G
County and State: Rio Arriba, New Mexico

Date Spudded: 10-30-89
Date Completed: 11-27-89
Date of First Delivery: 05-09-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 644.9

Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23

90 / 1.31 to life

*Gas prices were adjusted for a heating value of 875 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water</u> <u>(MMCF)/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense</u> <u>Base/Water</u> <u>(M\$)/(M\$)</u>
90	1465 / 23.9	-	10.5 / 7.4
91	2387 / 36.0	-	18.0 / 11.2
92	2387 / 30.5	-	18.0 / 9.5
93	2387 / 25.9	-	18.0 / 8.0

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP</u> <u>(PSIG)</u>	<u>WHFTP</u> <u>(PSIG)</u>	<u>WHFCP</u> <u>(PSIG)</u>	<u>AOI (MCFD)</u>
12-12-89	1477			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #471
Formation: Fruitland Coal
Location: 30N-06W-21K
County and State: Rio Arriba, New Mexico

Date Spudded: 11-26-89
Date Completed: 12-22-89
Date of First Delivery: 05-09-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 731.2

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 854 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF)/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
90	811 / 35	-	12 / 10.8
91	1823 / 52	-	18 / 16.2
92	2191 / 49	-	18 / 15.0
93	2208 / 38	-	18 / 11.7

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
01-05-90	1312			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #472
Formation: Fruitland Coal
Location: 30N-06W-22A
County and State: Rio Arriba, New Mexico

Date Spudded: 10-30-89
Date Completed: 11-23-89
Date of First Delivery: 07-25-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 513.1

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 874 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF)/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
90	304 / 23	-	10.4 / 7.3
91	562 / 52	-	16.6 / 16.1
92	554 / 38	-	18.0 / 11.7
93	485 / 26	-	18.0 / 8.2

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
12-07-89	1459			
12-08-89	-			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #473
Formation: Fruitland Coal
Location: 30N-06W-22M
County and State: Rio Arriba, New Mexico

Date Spudded: 11-21-89
Date Completed: 12-07-89
Date of First Delivery: 04-26-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 521.8

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 860 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF)/MBW</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
90	1307 / 127	-	13.6 / 39.3
91	2003 / 142	-	18 / 44.1
92	2003 / 116	-	18 / 36.1
93	2003 / 95	-	18 / 29.5

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
12-21-89	1505			

RUN DATE 07/26/91
 RUN TIME 17:18:24

THE 017 EXPANDED
 PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	3ON 7W	960.00		TRACT: 002			5.250067
	SEC. 14 W/2		ORRI:		3.500000	3.500000	
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 12 E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
	TOTAL				100.000000	100.000000	
NM-012293	3ON 7W	960.00		TRACT: 003			5.250067
	SEC. 14 E/2		ORRI:		2.500000	2.500000	
	SEC. 12 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 13 E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
	TOTAL				100.000000	100.000000	
NM-012694	3ON 7W	640.00		TRACT: 004			3.500045
	SEC. 15 E/2		ORRI:		2.500000	2.500000	
	SEC. 11 W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			CONOCO INC				
	TOTAL				100.000000	100.000000	
NM-012710	3ON 7W	640.00		TRACT: 005			3.500045
	SEC. 15 W/2		ORRI:		3.500000	3.500000	
	SEC. 11 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
	TOTAL				100.000000	100.000000	
SF-079002	3ON 6W	800.00		TRACT: 006			4.375056
	SEC. 7 N/2		ORRI:		15.312500	15.312500	
	SEC. 8 E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO				
	TOTAL				100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 10.3125% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

EFFECTIVE 89/12/01

RUN DATE 07/26/91
RUN TIME 17:18:24

MERIDIAN OIL INC.
SCHEDULE XVIII
THE 017 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074	30N 7W	160.00	TRACT: 008				0.875011
SEC. 22	W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: T H MCELVAIN OIL AND		12.500000	12.500000	
					87.500000	87.500000	
			TOTAL		100.000000	100.000000	

SF-079382	30N 7W	2,080.00	TRACT: 009				11.375146
SEC. 23	ALL		ORRI: ROYALTY: WORKING INTEREST: JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND EL PASO PRODUCTION CO		11.875000	11.875000	
SEC. 24	ALL				12.500000	12.500000	
SEC. 25	ALL				5.729166	5.729166	
SEC. 22	E/2 E/2				0.572917	0.572917	
					0.572917	0.572917	
					6.875000	6.875000	
					61.875000	61.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-079383	30N 7W	2,240.00	TRACT: 010				12.250157
SEC. 26	ALL		ORRI: ROYALTY: WORKING INTEREST: JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND EL PASO PRODUCTION CO		11.875000	11.875000	
SEC. 35	ALL				12.500000	12.500000	
SEC. 27	E/2				5.729166	5.729166	
SEC. 34	ALL				0.572917	0.572917	
					0.572917	0.572917	
					6.875000	6.875000	
					61.875000	61.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 89/12/01

RUN DATE 07/26/91
RUN TIME 17:18:25

MERIDIAN OIL INC.
SCHEDULE XVIII
THE 017 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080180-A	30N 6W	320.00		TRACT: 011			1.750022
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		25.625000 12.500000 61.875000	25.625000 12.500000 61.875000	
			TOTAL		100.000000	100.000000	
REMARKS: ORRI INCLUDES 20.625% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC.							
SF-080711	30N 6W	520.00		TRACT: 012			2.843787
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	
SF-080712	30N 6W	440.00		TRACT: 015			2.406280
	SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	
SF-080712	30N 6W	727.61		TRACT: 016			3.979169
	SEC. 30 E/2 SEC. 21 LOTS 1-3, E/2 NE, N/2 S/2, SW/SW SEC. 22 LOT 2, NW/SW		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC MERIDIAN OIL PRODUCTION		16.916666 12.500000 12.500000 27.500000 30.583334	16.916666 12.500000 12.500000 27.500000 30.583334	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 SOLELY BEARS .666666% ORRI.

EFFECTIVE 89/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
BOTH THE NPI AND ORRI ARE INCLUDED WITH THE CURRENT TRACT ORRI OF 12.5%.							

SF-080713	30N 6W	912.88	TRACT: 018				
SEC. 13	LOTS 1 - 4, W/2 E/2, NW/4	ORRI: 3.500000		3.500000			4.992376
SEC. 12	LOTS 1-6, NW/4, E/2 SW, W/2 E/2	ROYALTY: 12.500000		12.500000			
		WORKING INTEREST: 32.955000		32.955000			
		GLOBAL NATURAL RESOURCES		41.750000			
		EL PASO PRODUCTION CO		9.295000			
		MERIDIAN OIL PRODUCTION					
		TOTAL		100.000000			

REMARKS:
 EPPC WI BURDENED BY 3.5% ORRI.
 OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-A	30N 6W	543.79	TRACT: 019				
SEC. 22	LOT 1, N/2, SE/4, NE/SW	ORRI: 16.916666		16.916666			2.973890
		ROYALTY: 12.500000		12.500000			
		WORKING INTEREST: 27.500000		27.500000			
		CONOCO INC		12.500000			
		AMOCO PRODUCTION COMPANY		30.583334			
		MERIDIAN OIL PRODUCTION					
		TOTAL		100.000000			

REMARKS:
 CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
 MOP1 SOLELY BEARS .666666% ORRI.
 BOTH THE NPI AND ORRI ARE INCLUDED WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 89/12/01

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF--080713-B	30N 6W	1.040.00		TRACT: 020			5.687573
	SEC. 15		ORRI:		15.312500	15.312500	
	SEC. 14	S/2, S/2 NW/4	ROYALTY:		12.500000	12.500000	
		ALL	WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO				
					100.000000	100.000000	
			TOTAL				

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	3ON	6W	480.20	TRACT :	021	2.626127
	-----	-----				-----
	SEC.	11	LOTS 1-8, N/2			
				ORRI :		3.500000
				ROYALTY :		12.500000
				WORKING INTEREST :		41.750000
				EL PASO PRODUCTION CO		32.955000
				GLOBAL NATURAL RESOURCES		9.295000
				MERIDIAN OIL PRODUCTION		-----
				TOTAL		100.000000

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

[illegible]

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 89/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03384	30N 6W	80.00	TRACT: 024				
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	0.437506
			TOTAL		100.000000	100.000000	
NM-03385	30N 6W	1,200.00	TRACT: 025				
	SEC. 17 ALL		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	6.562584
	SEC. 18 E/2, SW/4, S/2 NW/4				100.000000	100.000000	
			TOTAL		100.000000	100.000000	
NM-03403	30N 6W	480.00	TRACT: 026				
	SEC. 7 S/2		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	2.625034
	SEC. 8 SW/4				100.000000	100.000000	
			TOTAL		100.000000	100.000000	
NM-04052	30N 6W	58.88	TRACT: 028				
	SEC. 21 PART OF TR.43 IN SE/4		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC		16.916666 12.500000 12.500000 27.500000 30.583334	16.916666 12.500000 12.500000 27.500000 30.583334	0.322004
	SEC. 22 PART OF TR.43 IN SW/4				100.000000	100.000000	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOP1.
MOP1 SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 89/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-06283	30N 6W	160.00		TRACT: 031			0.875011
	SEC. 12 A PORTION OF TR 39		ORRI: ROYALTY: WORKING INTEREST:		3.500000 12.500000	3.500000 12.500000	
	SEC. 11 A PORTION OF TR 39		EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		41.750000 32.955000 9.295000	41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:
 EPPC WI BURDENED BY 3.5% ORRI.
 OTHER OWNERS WI BURDENED BY 3.0% ORRI.

E-347-36	30N 6W	160.00	TRACT: 038				0.875011
	SEC. 16 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000	5.000000 12.500000	
			14.850000 67.650000		14.850000 67.650000		
	TOTAL				100.000000	100.000000	
E-347-20	30N 6W	230.24	TRACT: 039				1.259141
	SEC. 36 LOTS 1 - 4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		21.875000 12.500000	21.875000 12.500000	
			65.625000		65.625000		
	TOTAL				100.000000	100.000000	
E-347-28	30N 6W	160.00	TRACT: 040				0.875011
	SEC. 16 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		5.000000 12.500000	5.000000 12.500000	
			82.500000		82.500000		
	TOTAL				100.000000	100.000000	

EFFECTIVE 89/12/01

RUN DATE 07/26/91
RUN TIME 17:18:26

MERIDIAN OIL INC.
SCHEDULE XVIII
THE 017 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-39	30N 6W SEC. 16 S/2	320.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 041	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	1.750023
	TOTAL				100.000000	100.000000	
E-5111-6	30N 7W SEC. 36 W/2 SW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO CONOCO INC	TRACT: 046	7.500000 12.500000 48.000000 32.000000	7.500000 12.500000 48.000000 32.000000	0.437505
	TOTAL				100.000000	100.000000	
REMARKS: SUBJECT TO PD WITH MESA UNDER GLA 204 ORRI REVERTS APO.							
E-5167-2	30N 7W SEC. 36 N/2 NW, SW/NW	120.00	ORRI: ROYALTY: WORKING INTEREST: W P CARR MERIDIAN OIL PRODUCTION	TRACT: 047	12.500000 37.187500 50.312500	12.500000 37.187500 50.312500	0.656259
	TOTAL				100.000000	100.000000	
B-10603-43	30N 7W SEC. 36 SE/NW, E/2 SW	120.00	ORRI: ROYALTY: WORKING INTEREST: PAUL H UMBACH ESTATE MORRIS MIZEL AND FLORA MIZEL LEE WAYNE & JO ANN MOORE TRU AMOCO PRODUCTION COMPANY MERIDIAN OIL PRODUCTION	TRACT: 050	5.000000 12.500000 2.062500 9.281250 7.425000 54.171562 9.559688	5.000000 12.500000 2.062500 9.281250 7.425000 54.171562 9.559688	0.656258
	TOTAL				100.000000	100.000000	

EFFECTIVE 89/12/01

RUN DATE 07/26/91
RUN TIME 17:18:26

MERIDIAN OIL INC.
SCHEDULE XVIII
THE 017 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J.C. GOMEZ	30N 6W	159.51		TRACT: 052	15.312500 12.500000	15.312500 12.500000	0.872332
	SEC. 10 A PORTION OF TR 38		ORRI: ROYALTY: WORKING INTEREST: PWG PARTNERSHIP:				
	SEC. 11 A PORTION OF TR 38		PRUDENTIAL BACHE ENERGY IIP-		13.750000	13.750000	
	SEC. 15 A PORTION OF TR 38		PRUDENTIAL BACHE ENERGY IIP-		0.316250	0.316250	
			PRUDENTIAL BACHE ENERGY IIP-		0.261250	0.261250	
			PRUDENTIAL BACHE ENERGY IIP-		0.756250	0.756250	
			PRUDENTIAL BACHE ENERGY IIP-		0.935000	0.935000	
			PRUDENTIAL BACHE ENERGY IIP-		1.485000	1.485000	
			PRUDENTIAL BACHE ENERGY IIP-		1.292500	1.292500	
			PRUDENTIAL BACHE ENERGY IVP-		3.767500	3.767500	
			PRUDENTIAL BACHE ENERGY IVP-		4.152500	4.152500	
			PRUDENTIAL BACHE ENERGY PROD		0.783750	0.783750	
			FREEPORT MCMORAN INC		13.750000	13.750000	
			EL PASO PRODUCTION CO		30.937500	30.937500	
			TOTAL		100.000000	100.000000	
FEE	30N 6W	160.00		TRACT: 053			0.875011
	SEC. 13 SW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000 87.500000	12.500000 87.500000	
			TOTAL		100.000000	100.000000	
J.E. GOMEZ	30N 6W	160.00		TRACT: 054			0.875011
	SEC. 19 S/2 SE, SE/SW		ORRI: ROYALTY: WORKING INTEREST: THOMAS H & NANCY L HARRINGTON EL PASO PRODUCTION CO		5.000000 12.500000 27.500000 55.000000	5.000000 12.500000 27.500000 55.000000	
	SEC. 20 SW/SW						
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

EFFECTIVE 89/12/01

RUN DATE 07/26/91
RUN TIME 17:18:26

MERIDIAN OIL INC.
SCHEDULE XVIII
THE 017 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J.E. GOMEZ	30N 6W	80.00		TRACT: 055			0.437506
SEC. 20	SW/SE, SE/SW		ORRI: ROYALTY: WORKING INTEREST: THOMAS H & NANCY L HARRINGTON EL PASO PRODUCTION CO		5.000000 12.500000 27.500000 55.000000	5.000000 12.500000 27.500000 55.000000	
	TOTAL				100.000000	100.000000	
J.E. GOMEZ	30N 6W	29.72		TRACT: 056			0.162533
SEC. 21	PART OF TR.42 IN S/2		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC MERIDIAN OIL PRODUCTION		16.916666 12.500000 12.500000 27.500000 30.583334	16.916666 12.500000 12.500000 27.500000 30.583334	
	TOTAL				100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.5% NPI TO MOP1.
MOP1 SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

A. GOMEZ	30N 6W	80.00		TRACT: 057			0.437506
SEC. 20	E/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	
A. GOMEZ	30N 6W	240.00		TRACT: 057A			1.312517
SEC. 21	NW/4, W/2 NE		ORRI: ROYALTY: WORKING INTEREST: THOMAS H & NANCY L HARRINGTON EL PASO PRODUCTION CO		5.000000 12.500000 27.500000 55.000000	5.000000 12.500000 27.500000 55.000000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 89/12/01

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RUN TIME 17:18:29

EL PASO NATURAL GAS
SCHEDULE XVIII
R E C A P I T U L A T I O N

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N		, RANGE 6W	
SECTION 10	: A PORTION OF	TR 38	
SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4	
SECTION 11	: LOTS 1-8, N/2		
SECTION 11	: A PORTION OF	TR 38	
SECTION 11	: A PORTION OF	TR 39	
SECTION 12	: A PORTION OF	TR 39	
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2	
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4	
SECTION 13	: SW/4		
SECTION 14	: ALL		
SECTION 15	: S/2, S/2 NW/4		
SECTION 15	: LOTS 1,2, NE/NE,	S/2 NE, NW/NW	
SECTION 15	: A PORTION OF	TR 38	
SECTION 16	: S/2		
SECTION 16	: NE/4		
SECTION 16	: NW/4		
SECTION 17	: ALL		
SECTION 18	: N/2 NW/4		
SECTION 18	: E/2, SW/4,	S/2 NW/4	
SECTION 19	: S/2 SE, SE/SW		
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4	
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE	
SECTION 20	: SW/SW		
SECTION 20	: SW/SE, SE/SW		
SECTION 20	: E/2 NE/4		
SECTION 21	: PART OF TR. 42 IN S/2		
SECTION 21	: NW/4, W/2 NE		
SECTION 21	: PART OF TR. 43	IN SE/4	
SECTION 21	: LOTS 1-3, E/2 NE,	N/2 S/2, SW/SW	
SECTION 22	: LOT 2, NW/SW		
SECTION 22	: LOT 1, N/2,	SE/4, NE/SW	
SECTION 22	: PART OF TR. 43	IN SW/4	
SECTION 30	: E/2		
SECTION 31	: E/2		
SECTION 36	: LOTS 1 - 4,	W/2 E/2	
SECTION 7	: S/2		
SECTION 7	: N/2		
SECTION 8	: E/2, NW/4		
SECTION 8	: SW/4		
TOWNSHIP 30N		, RANGE 7W	
SECTION 11	: E/2		
SECTION 11	: W/2		
SECTION 12	: W/2		
SECTION 12	: E/2		
SECTION 13	: W/2		
SECTION 13	: E/2		
SECTION 14	: E/2		
SECTION 14	: W/2		
SECTION 15	: W/2		
SECTION 15	: E/2		

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                           R E C A P I T U L A T I O N
DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:  DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

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SECTION 22	:	W/2 E/2	
SECTION 22	:	E/2 E/2	
SECTION 23	:	ALL	
SECTION 24	:	ALL	
SECTION 25	:	ALL	
SECTION 26	:	ALL	
SECTION 27	:	E/2	
SECTION 34	:	ALL	
SECTION 35	:	ALL	
SECTION 36	:	W/2 SW/4	
SECTION 36	:	SE/NW, E/2 SW	
SECTION 36	:	N/2 NW, SW/NW	
TOTAL COMMITTED:			18,285.48
TOTAL ACRES NON-COMMITTED:			0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 18,285.48

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #474
Formation: Fruitland Coal
Location: 30N-06W-27B
County and State: Rio Arriba, New Mexico

Date Spudded: 11-03-89
Date Completed: 12-02-89
Date of First Delivery: 04-27-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 554.4

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Based on spot gas sales for the actual months of production adjusted for a heating value of 882 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF)/MBW</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
90	483 / 234	-	13.5 / 72.7
91	1152 / 290	-	18 / 89.9
92	1612 / 235	-	18 / 72.7
93	1636 / 136	-	18 / 42.0

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
12-15-89	1517			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #405
Formation: Fruitland Coal
Location: 30N-06W-09M
County and State: Rio Arriba, New Mexico

Date Spudded: 12-07-89
Date Completed: 12-22-89
Date of First Delivery: 03-29-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 487.6

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 888 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
90	859 / 119	-	15 / 37.0
91	1117 / 126	-	18 / 39.0
92	1117 / 109	-	18 / 33.8
93	1117 / 95	-	18 / 29.4

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
01-05-90	1389			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #403
Formation: FTC
Location: 30N-06W-09G
County and State: Rio Arriba, New Mexico

Date Spudded: 05-05-90
Date Completed: 06-10-90
Date of First Delivery: 12-05-90

Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 567.5

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 890 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW)	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
90	120 / 2	-	1.5 / .5
91	2125 / 18	-	18 / 5.4
92	2418 / 15	-	18 / 4.7
93	2552 / 12	-	18 / 3.7

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOI (MCFD)
06-26-90	1208			

RUN DATE 07/26/91
RUN TIME 17:18:39

MERIDIAN OIL INC.
SCHEDULE XIX
THE 018 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION

NM-012573	30N 7W	960.00		TRACT: 002			4.988184
	SEC. 14 W/2		ORRI:		3.500000	3.500000	
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 12 E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

NM-012293	30N 7W	960.00		TRACT: 003			4.988184
	SEC. 14 E/2		ORRI:		2.500000	2.500000	
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 12 E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

NM-012694	30N 7W	640.00		TRACT: 004			3.325456
	SEC. 15 E/2		ORRI:		2.500000	2.500000	
	SEC. 11 W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			CONOCO INC				
			TOTAL		100.000000	100.000000	

NM-012710	30N 7W	640.00		TRACT: 005			3.325456
	SEC. 15 W/2		ORRI:		3.500000	3.500000	
	SEC. 11 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

SF-079002	30N 6W	800.00		TRACT: 006			4.156821
	SEC. 7 N/2		ORRI:		15.312500	15.312500	
	SEC. 8 E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 90/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074	3ON 7W SEC. 22 W/2 E/2	160.00	TRACT: 008 ORRI: ROYALTY: WORKING INTEREST: T H MCELVAIN OIL AND	12.500000 87.500000 100.000000	12.500000 87.500000 100.000000	0.831364
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SF-079382	3ON 7W SEC. 23 ALL SEC. 24 ALL SEC. 25 ALL SEC. 22 E/2 E/2	2,080.00	TRACT: 009 ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	10.807732
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REMARKS:
 ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

SF-079383	3ON 7W SEC. 26 ALL SEC. 35 ALL SEC. 27 E/2 SEC. 34 ALL	2,240.00	TRACT: 010 ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000	11.639097
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REMARKS:
 ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:40

MERIDIAN OIL INC.
SCHEDULE XIX
THE 018 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-080180-A	30N 6W	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 011	25.625000 12.500000 61.875000 100.000000	25.625000 12.500000 61.875000 100.000000	1.662728
SEC. 31	E/2						
TOTAL							

REMARKS:
ORRI INCLUDES 20.625% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 012	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	2.701933
SEC. 19	N/2, N/2 S/2, SW/4 SW/4						
TOTAL							

SF-080712	30N 6W	440.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 015	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	2.286251
SEC. 20	W/2 NE, NW/4, N/2 S/2, SE/SE						
TOTAL							

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:40

MERIDIAN OIL INC.
SCHEDULE XIX
THE 018 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080712	30N 6W	1,047.61		TRACT: 016			5.443408
SEC. 30	E/2		ROYALTY:		16.916666	16.916666	
SEC. 21	LOTS 1-3, E/2		WORKING INTEREST:		12.500000	12.500000	
NE, N/2 S/2, SW/SW			AMOCO PRODUCTION COMPANY		27.500000	27.500000	
SEC. 22	LOT 2, NW/SW		CONOCO INC		30.583334	30.583334	
SEC. 27	E/2		MERIDIAN OIL PRODUCTION				
TOTAL					100.000000	100.000000	

REMARKS:

CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080713	30N 6W	912.88		TRACT: 018			4.743347
SEC. 13	LOTS 1 - 4,		ROYALTY:		3.500000	3.500000	
W/2 E/2, NW/4			WORKING INTEREST:		12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,		GLOBAL NATURAL RESOURCES		32.955000	32.955000	
E/2 SW, W/2 E/2			EL PASO PRODUCTION CO		41.750000	41.750000	
			MERIDIAN OIL PRODUCTION		9.295000	9.295000	
TOTAL					100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-A	30N 6W	543.79		TRACT: 019			2.825547
SEC. 22	LOT 1, N/2,		ROYALTY:		16.916666	16.916666	
SE/4, NE/SW			WORKING INTEREST:		12.500000	12.500000	
			CONOCO INC		27.500000	27.500000	
			AMOCO PRODUCTION COMPANY		12.500000	12.500000	
			MERIDIAN OIL PRODUCTION		30.583334	30.583334	
TOTAL					100.000000	100.000000	

REMARKS:

CONOCO SOLELY BEARS 3.75% NPI TO MOPi.

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MERIDIAN OIL INC.
SCHEDULE XIX
THE 018 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022			3.858828
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	SEC. 15 LOTS 1,2, NE/NE, S/2 NE, NW/NW						
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	400.00	TRACT: 024				2.078410
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
	SEC. 9 W/2						
	TOTAL				100.000000	100.000000	

NM-03385	30N 6W	1,200.00	TRACT: 025				6.235230
	SEC. 17 ALL		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	SEC. 18 E/2, SW/4, S/2 NW/4						
	TOTAL				100.000000	100.000000	

NM-03403	30N 6W	480.00	TRACT: 026				2.494092
	SEC. 7 S/2		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	SEC. 8 SW/4						
	TOTAL				100.000000	100.000000	

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:41

THE 018 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03416	30N 6W	320.00		TRACT: 027	5.000000	5.000000	1.662728
	SEC. 9 E/2		ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		12.500000	12.500000	
					14.850000	14.850000	
					67.650000	67.650000	
					100.000000	100.000000	
			TOTAL				
NM-04052	30N 6W	58.88		TRACT: 028	16.916666	16.916666	0.305942
	SEC. 21		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC MERIDIAN OIL PRODUCTION		12.500000	12.500000	
	SEC. 22				12.500000	12.500000	
					27.500000	27.500000	
					30.583334	30.583334	
					100.000000	100.000000	
			TOTAL				
NM-06283	30N 6W	160.00		TRACT: 031	3.500000	3.500000	0.831364
	SEC. 12		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		12.500000	12.500000	
	SEC. 11				41.750000	41.750000	
					32.955000	32.955000	
					9.295000	9.295000	
					100.000000	100.000000	
			TOTAL				

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

REMARKS:

CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:41

THE O18 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-36	30N 6W SEC. 16 NW/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 038	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	0.831364
	TOTAL				100.000000	100.000000	
E-347-20	30N 6W SEC. 36 LOTS 1 - 4, W/2 E/2	230.24	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 039	21.875000 12.500000 65.625000	21.875000 12.500000 65.625000	1.196333
	TOTAL				100.000000	100.000000	
E-347-28	30N 6W SEC. 16 NE/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 040	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.831364
	TOTAL				100.000000	100.000000	
E-347-39	30N 6W SEC. 16 S/2	320.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 041	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	1.662728
	TOTAL				100.000000	100.000000	
E-5111-6	30N 7W SEC. 36 W/2 SW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO CONOCO INC	TRACT: 046	7.500000 12.500000 48.000000 32.000000	7.500000 12.500000 48.000000 32.000000	0.415682
	TOTAL				100.000000	100.000000	

REMARKS:
SUBJECT TO PO WITH MESA UNDER GLA 204
ORRI REVERTS APO.

EFFECTIVE 90/01/01


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RUN DATE 07/26/91
RUN TIME 17:18:41

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MERIDIAN OIL INC.
 SCHEDULE XIX
 THE O18 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-5167-2	30N 7W	120.00		TRACT: 047			0.623523
	SEC. 36 N/2 NW, SW/NW				12.500000	12.500000	
			ORRI:				
			ROYALTY:		37.187500	37.187500	
			WORKING INTEREST:		50.312500	50.312500	
			W P CARR				
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	
B-10603-43	30N 7W	120.00		TRACT: 050			0.623523
	SEC. 36 SE/NW, E/2 SW				5.000000	5.000000	
			ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		2.062500	2.062500	
			PAUL H UMBACH ESTATE		9.281250	9.281250	
			MORRIS MIZEL AND FLORA MIZEL		7.425000	7.425000	
			LEE WAYNE & JO ANN MOORE TRU		54.171562	54.171562	
			AMOCO PRODUCTION COMPANY		9.559688	9.559688	
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	
J. C. GOMEZ	30N 6W	159.51		TRACT: 052			0.82818
	SEC. 10 A PORTION OF TR 38		ORRI:		15.312500	15.312500	
	SEC. 11 A PORTION OF TR 38		ROYALTY:		12.500000	12.500000	
	SEC. 15 A PORTION OF TR 38		WORKING INTEREST:				
			EL PASO PRODUCTION CO		30.937500	30.937500	
			PWG PARTNERSHIP		13.750000	13.750000	
			PRUDENTIAL BACHE ENERGY IIP-		0.316250	0.316250	
			PRUDENTIAL BACHE ENERGY IIP-		0.261250	0.261250	
			PRUDENTIAL BACHE ENERGY IIP-		0.756250	0.756250	
			PRUDENTIAL BACHE ENERGY IIP-		0.935000	0.935000	
			PRUDENTIAL BACHE ENERGY IIP-		1.485000	1.485000	
			PRUDENTIAL BACHE ENERGY IIP-		1.292500	1.292500	
			PRUDENTIAL BACHE ENERGY IIP-		3.767500	3.767500	
			PRUDENTIAL BACHE ENERGY IVP-		4.152500	4.152500	
			PRUDENTIAL BACHE ENERGY PROD		0.783750	0.783750	
			FREEPORT MCMORAN INC		13.750000	13.750000	
			TOTAL		100.000000	100.000000	

REMARKS: ORRI INCLUDES 10.3125% NP1 TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPCC.

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:41

MERIDIAN OIL INC.
SCHEDULE XIX
PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE	30N 6W	160.00		TRACT: 053			0.831364
	SEC. 13 SW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000 87.500000	12.500000 87.500000	
	TOTAL				100.000000	100.000000	
J.E. GOMEZ	30N 6W	160.00		TRACT: 054			0.831365
	SEC. 19 S/2 SE, SE/SW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		5.000000 12.500000	5.000000 12.500000	
	SEC. 20 SW/SW		THOMAS H & NANCY L HARRINGTON		55.000000 27.500000	55.000000 27.500000	
	TOTAL				100.000000	100.000000	
J.E. GOMEZ	30N 6W	80.00		TRACT: 055			0.415682
	SEC. 20 SW/SE, SE/SW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		5.000000 12.500000	5.000000 12.500000	
			THOMAS H & NANCY L HARRINGTON		55.000000 27.500000	55.000000 27.500000	
	TOTAL				100.000000	100.000000	
J.E. GOMEZ	30N 6W	29.72		TRACT: 056			0.154425
	SEC. 21 PART OF TR. 42 IN S/2		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY		16.916666 12.500000	16.916666 12.500000	
			CONOCO INC		12.500000 27.500000	12.500000 27.500000	
			MERIDIAN OIL PRODUCTION		30.583334	30.583334	
	TOTAL				100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:41

MERIDIAN OIL INC.
SCHEDULE XIX
THE 018 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
A. GOMEZ	30N 6W	80.00		TRACT: 057	3.000000	3.000000	0.415682
	SEC. 20 E/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		12.500000	12.500000	
			TOTAL		100.000000	100.000000	
A. GOMEZ	30N 6W	240.00		TRACT: 057A	5.000000	5.000000	1.247047
	SEC. 21 NW/4, W/2 NE		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTO		12.500000	12.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/01/01

RUN DATE 07/26/91
RUN TIME 17:18:49

EL PASO NATURAL GAS
SCHEDULE XIX
R E C A P I T U L A T I O N

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

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TOWNSHIP 30N		, RANGE 6W	
SECTION 10	: A PORTION OF	TR 38	
SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4	
SECTION 11	: LOTS 1-8, N/2		
SECTION 11	: A PORTION OF	TR 38	
SECTION 11	: A PORTION OF	TR 39	
SECTION 12	: A PORTION OF	TR 39	
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2	
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4	
SECTION 13	: SW/4		
SECTION 14	: ALL		
SECTION 15	: LOTS 1,2, NE/NE,	S/2 NE, NW/NW	
SECTION 15	: S/2, S/2 NW/4		
SECTION 15	: A PORTION OF	TR 38	
SECTION 16	: S/2		
SECTION 16	: NE/4		
SECTION 16	: NW/4		
SECTION 17	: ALL		
SECTION 18	: E/2, SW/4,	S/2 NW/4	
SECTION 18	: N/2 NW/4		
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4	
SECTION 19	: S/2 SE, SE/SW		
SECTION 20	: SW/SW		
SECTION 20	: SW/SE, SE/SW		
SECTION 20	: E/2 NE/4		
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE	
SECTION 21	: LOTS 1-3, E/2	SW/SW	
SECTION 21	: PART OF TR. 42 IN S/2		
SECTION 21	: NW/4, W/2 NE		
SECTION 21	: PART OF TR. 43	IN SE/4	
SECTION 22	: PART OF TR. 43	IN SW/4	
SECTION 22	: LOT 2, NW/SW		
SECTION 22	: LOT 1, N/2,	SE/4, NE/SW	
SECTION 27	: E/2		
SECTION 30	: E/2		
SECTION 31	: E/2		
SECTION 36	: LOTS 1 - 4,	W/2 E/2	
SECTION 7	: S/2		
SECTION 7	: N/2		
SECTION 8	: E/2, NW/4		
SECTION 8	: SW/4		
SECTION 9	: E/2		
SECTION 9	: W/2		
TOWNSHIP 30N			
, RANGE 7W			
SECTION 11	: E/2		
SECTION 11	: W/2		
SECTION 12	: E/2		
SECTION 12	: W/2		
SECTION 13	: E/2		
SECTION 13	: W/2		
SECTION 14	: W/2		

RUN DATE 07/26/91
RUN TIME 17:18:49

EL PASO NATURAL GAS
SCHEDULE XIX
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:		DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:	
SECTION 14	: E/2		
SECTION 15	: E/2		
SECTION 15	: W/2		
SECTION 22	: W/2 E/2		
SECTION 22	: E/2 E/2		
SECTION 23	: ALL		
SECTION 24	: ALL		
SECTION 25	: ALL		
SECTION 26	: ALL		
SECTION 27	: E/2		
SECTION 34	: ALL		
SECTION 35	: ALL		
SECTION 36	: W/2 SW/4		
SECTION 36	: SE/NW, E/2 SW		
SECTION 36	: N/2 NW, SW/NW		
TOTAL COMMITTED:		19,245.48	TOTAL ACRES NON-COMMITTED: 0.00
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:		19,245.48	

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #475
Formation: Fruitland Coal
Location: 30N-06W-27L
County and State: Rio Arriba, New Mexico

Date Spudded: 11-22-89
Date Completed: 02-02-90
Date of First Delivery: 04-28-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (\$M) 567.5

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 858 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW)	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
90	1054 / 262	-	16.5 / 81.1
91	2491 / 254	-	18 / 78.8
92	2899 / 194	-	18 / 60.1
93	2899 / 126	-	18 / 39.0

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOI (MCFD)
02-13-90	1494			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #476
Formation: Fruitland Coal
Location: 30N-06W-28A
County and State: Rio Arriba, New Mexico

Date Spudded: 11-25-89
Date Completed: 01-18-90
Date of First Delivery: 02-08-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (\$M) 997.5

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 854 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW)	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
90	759 / 1231	-	15.5 / 382.7
91	1306 / 641	-	18 / 198.7
92	1306 / 295	-	18 / 91.4
93	1306 / 136	-	18 / 42.1

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOI (MCFD)
01-27-90	1490			

RUN DATE 07/26/91
RUN TIME 17:18:42

MERIDIAN OIL INC.
SCHEDULE XX
THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	960.00	TRACT: 002				4.827643
SEC. 14	W/2	ORRI:			3.500000	3.500000	
SEC. 13	W/2	ROYALTY:			12.500000	12.500000	
SEC. 12	E/2	WORKING INTEREST:			84.000000	84.000000	
		EL PASO PRODUCTION CO					
		TOTAL			100.000000	100.000000	
NM-012293	30N 7W	960.00	TRACT: 003				4.827643
SEC. 14	E/2	ORRI:			2.500000	2.500000	
SEC. 12	W/2	ROYALTY:			12.500000	12.500000	
SEC. 13	E/2	WORKING INTEREST:			42.500000	42.500000	
		CONOCO INC			42.500000	42.500000	
		AMOCO PRODUCTION COMPANY					
		TOTAL			100.000000	100.000000	
NM-012694	30N 7W	640.00	TRACT: 004				3.218428
SEC. 15	E/2	ORRI:			2.500000	2.500000	
SEC. 11	W/2	ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			42.500000	42.500000	
		AMOCO PRODUCTION COMPANY			42.500000	42.500000	
		CONOCO INC					
		TOTAL			100.000000	100.000000	
NM-012710	30N 7W	640.00	TRACT: 005				3.218429
SEC. 15	W/2	ORRI:			3.500000	3.500000	
SEC. 11	E/2	ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			84.000000	84.000000	
		EL PASO PRODUCTION CO					
		TOTAL			100.000000	100.000000	
SF-079002	30N 6W	800.00	TRACT: 006				4.023036
SEC. 7	N/2	ORRI:			15.312500	15.312500	
SEC. 8	E/2, NW/4	ROYALTY:			12.500000	12.500000	
		WORKING INTEREST:			72.187500	72.187500	
		EL PASO PRODUCTION CO					
		TOTAL			100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074	30N 7W	160.00	TRACT: 008				0.804607
SEC. 22	W/2 E/2		ROYALTY: WORKING INTEREST: T H MCELVAIN OIL AND		12.500000	12.500000	
					87.500000	87.500000	
			TOTAL		100.000000	100.000000	

SF-079382	30N 7W	2,080.00	TRACT: 009				10.459894
SEC. 23	ALL		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		11.875000	11.875000	
SEC. 24	ALL				12.500000	12.500000	
SEC. 25	ALL		JAMES M RAYMOND		61.875000	61.875000	
SEC. 22	E/2 E/2		MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND		5.729166 0.572917 0.572917 6.875000	5.729166 0.572917 0.572917 6.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-079383	30N 7W	2,240.00	TRACT: 010				11.264500
SEC. 26	ALL		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		11.875000	11.875000	
SEC. 35	ALL				12.500000	12.500000	
SEC. 27	E/2		JAMES M RAYMOND		61.875000	61.875000	
SEC. 34	ALL		MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST T H MCELVAIN OIL AND		5.729166 0.572917 0.572917 6.875000	5.729166 0.572917 0.572917 6.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

MERIDIAN OIL INC.
SCHEDULE XX
THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-080180-A	30N 6W	320.00		TRACT: 011			1.609214
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		25.625000 12.500000 61.875000 100.000000	25.625000 12.500000 61.875000 100.000000	
			TOTAL				

REMARKS:
ORRI INCLUDES 20.625% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00		TRACT: 012			2.614974
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	
			TOTAL				

SF-080712	30N 6W	440.00		TRACT: 015			2.212670
	SEC. 20 N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	
			TOTAL				

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-080712	30N 6W	1,371.64		TRACT: 016			6.897696
SEC. 30	E/2		ORRI:		16.916666	16.916666	
SEC. 21	LOTS 1-3, E/2		ROYALTY:		12.500000	12.500000	
NE, N/2 S/2, SW/SW			WORKING INTEREST:		12.500000	12.500000	
SEC. 22	LOT 2, NW/SW		AMOCO PRODUCTION COMPANY		27.500000	27.500000	
SEC. 27	LOTS 1-3, E/2,		CONOCO INC		30.583334	30.583334	
SE/NW, SW/4			MERIDIAN OIL PRODUCTION				
SEC. 28	LOT 4 & 5						
TOTAL					100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080712-A	30N 6W	114.23		TRACT: 017			0.574439
SEC. 28	LOT 6, E/2 SE		ORRI:		2.204000	2.204000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		15.353280	15.353280	
			WILLIAMS PRODUCTION COMPANY		69.942720	69.942720	
			PHILLIPS PETROLEUM COMPANY				
TOTAL					100.000000	100.000000	

SF-080713	30N 6W	912.88		TRACT: 018			4.590686
SEC. 13	LOTS 1 - 4,		ORRI:		3.500000	3.500000	
W/2 E/2, NW/4			ROYALTY:		12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,		WORKING INTEREST:		32.955000	32.955000	
E/2 SW, W/2 E/2			GLOBAL NATURAL RESOURCES		41.750000	41.750000	
			EL PASO PRODUCTION CO		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION				
TOTAL					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
MERIDIAN OIL INC.
SCHEDULE XX
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713-A	30N 6W	543.79		TRACT: 019			2.734609
SEC. 22	LOT 1, N/2, SE/4, NE/SW		ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY MERIDIAN OIL PRODUCTION		16.916666 12.500000 27.500000 12.500000 30.583334	16.916666 12.500000 27.500000 12.500000 30.583334	
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080713-B	30N 6W	1,040.00		TRACT: 020			5.229946
SEC. 15	S/2, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
SEC. 14	ALL						
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.20		TRACT: 021			2.414828
SEC. 11	LOTS 1-8, N/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
			TOTAL		100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

MERIDIAN OIL INC.
SCHEDULE XX
THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A							
30N	6W	742.65		TRACT: 022			3.734634
SEC. 10	LOTS 1-5, N/2, W/2 SW/4	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO			15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
SEC. 15	LOTS 1,2,NE/NE, S/2 NE, NW/NW						
TOTAL					100.000000	100.000000	
REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							
NM-03384							
30N	6W	400.00		TRACT: 024			2.011518
SEC. 18	N/2 NW/4	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY			5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
SEC. 9	W/2						
TOTAL					100.000000	100.000000	
NM-03385							
30N	6W	1,200.00		TRACT: 025			6.034554
SEC. 17	ALL	ORRI: ROYALTY: WORKING INTEREST: ARCO			3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
SEC. 18	E/2, SW/4, S/2 NW/4						
TOTAL					100.000000	100.000000	
NM-03403							
30N	6W	480.00		TRACT: 026			2.413821
SEC. 7	S/2	ORRI: ROYALTY: WORKING INTEREST: ARCO			3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
SEC. 8	SW/4						
TOTAL					100.000000	100.000000	

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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NM-03416	30N 6W	320.00		TRACT: 027	5.000000	5.000000	1.609215
	SEC. 9 E/2				12.500000	12.500000	

				ORRI:	5.000000		
				ROYALTY:	12.500000		
				WORKING INTEREST:	14.850000	14.850000	
				WILLIAMS PRODUCTION COMPANY	67.650000	67.650000	
				PHILLIPS PETROLEUM COMPANY			
				TOTAL	100.000000	100.000000	

NM-04052	30N 6W	170.32		TRACT: 028	16.916666	16.916666	0.856504
	SEC. 21				12.500000	12.500000	
	SEC. 22				12.500000	12.500000	
	SEC. 27				27.500000	27.500000	
	SEC. 28				30.583334	30.583334	

				ORRI:	16.916666		
				ROYALTY:	12.500000		
				WORKING INTEREST:	12.500000	12.500000	
				AMOCO PRODUCTION COMPANY			
				CONOCO INC			
				MERIDIAN OIL PRODUCTION			
				TOTAL	100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

NM-06283	30N 6W	160.00		TRACT: 031	3.500000	3.500000	0.804607
	SEC. 12				12.500000	12.500000	
	SEC. 11				41.750000	41.750000	
					32.955000	32.955000	
					9.295000	9.295000	
					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:42

MERIDIAN OIL INC.
SCHEDULE XX
THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-36	30N 6W SEC. 16 NW/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 038	5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	0.804608
E-347-20	30N 6W SEC. 36 LOTS 1 - 4, W/2 E/2	230.24	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 039	21.875000 12.500000 65.625000 100.000000	21.875000 12.500000 65.625000 100.000000	1.157829
E-347-28	30N 6W SEC. 16 NE/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 040	5.000000 12.500000 82.500000 100.000000	5.000000 12.500000 82.500000 100.000000	0.804607
E-347-39	30N 6W SEC. 16 S/2	320.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 041	5.000000 12.500000 14.850000 67.650000 100.000000	5.000000 12.500000 14.850000 67.650000 100.000000	1.609215
E-5111-6	30N 7W SEC. 36 W/2 SW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO CONOCO INC	TRACT: 046	7.500000 12.500000 48.000000 32.000000 100.000000	7.500000 12.500000 48.000000 32.000000 100.000000	0.402303

REMARKS:
SUBJECT TO PD WITH MESA UNDER GLA 204
ORRI REVERTS APO.

EFFECTIVE 90/02/01

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THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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E-5167-2	30N 7W	120.00	ORRI: ROYALTY: WORKING INTEREST: W P GARR MERIDIAN OIL PRODUCTION	TRACT: 047	12.500000 37.187500 50.312500	12.500000 37.187500 50.312500
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TOTAL		100.000000			100.000000	
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B-10603-43	30N 7W	120.00	ORRI: ROYALTY: WORKING INTEREST: PAUL H UMBACH ESTATE MORRIS MIZEL AND FLORA MIZEL LEE WAYNE & JO ANN MOORE TRU AMOCO PRODUCTION COMPANY MERIDIAN OIL PRODUCTION	TRACT: 050	5.000000 12.500000 2.062500 9.281250 7.425000 54.171562 9.559688	5.000000 12.500000 2.062500 9.281250 7.425000 54.171562 9.559688
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TOTAL		100.000000			100.000000	
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J.C. GOMEZ	30N 6W	45.77	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 051	4.000000 12.500000 15.030000 68.470000	4.000000 12.500000 15.030000 68.470000
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TOTAL		100.000000			100.000000	
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J.C. GOMEZ	30N 6W	159.51	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO PWG PARTNERSHIP PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP- PRUDENTIAL BACHE ENERGY IIP-	TRACT: 052	15.312500 12.500000 30.937500 13.750000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500	15.312500 12.500000 30.937500 13.750000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500
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EFFECTIVE 90/02/01

0.802143

0.230168

RUN DATE 07/26/91
RUN TIME 17:18:43

MERIDIAN OIL INC.
SCHEDULE XX
THE 019 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE ENERGY IVP- PRUDENTIAL BACHE ENERGY PROD FREEPORT MCMORAN INC				4.152500 0.783750 13.750000	4.152500 0.783750 13.750000	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

FEE	30N 6W	160.00	TRACT: 053				0.804607
	SEC. 13 SW/4		ORRI:	12.500000	12.500000		
			ROYALTY:	87.500000	87.500000		
			WORKING INTEREST:	100.000000	100.000000		
			WILLIAMS PRODUCTION COMPANY				
	TOTAL						

J.E. GOMEZ	30N 6W	160.00	TRACT: 054				0.804608
	SEC. 19 S/2 SE, SE/SW		ORRI:	5.000000	5.000000		
	SEC. 20 SW/SW		ROYALTY:	12.500000	12.500000		
			WORKING INTEREST:	55.000000	55.000000		
			EL PASO PRODUCTION CO	27.500000	27.500000		
			THOMAS H & NANCY L HARRINGTON				
	TOTAL			100.000000	100.000000		

J.E. GOMEZ	30N 6W	80.00	TRACT: 055				0.402303
	SEC. 20 SW/SE, SE/SW		ORRI:	5.000000	5.000000		
			ROYALTY:	12.500000	12.500000		
			WORKING INTEREST:	55.000000	55.000000		
			EL PASO PRODUCTION CO	27.500000	27.500000		
			THOMAS H & NANCY L HARRINGTON				
	TOTAL			100.000000	100.000000		

EFFECTIVE 90/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J.E. GOMEZ	30N 6W	74.25		TRACT: 056			0.37388
	SEC. 21		ORRI:		16.91666	16.91666	
			ROYALTY:		12.50000	12.50000	
	SEC. 28		WORKING INTEREST:		12.50000	12.50000	
			AMOCO PRODUCTION COMPANY		27.50000	27.50000	
			CONOCO INC		30.583334	30.583334	
			MERIDIAN OIL PRODUCTION				
			TOTAL		100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPJ.
MOPJ SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

A. GOMEZ	30N 6W	80.00		TRACT: 057			0.402304
	SEC. 20		ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
A. GOMEZ	30N 6W	240.00		TRACT: 057A			1.206911
	SEC. 21		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		55.000000	55.000000	
			EL PASO PRODUCTION CO		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON				
			TOTAL		100.000000	100.000000	

EFFECTIVE 90/02/01

RUN DATE 07/26/91
RUN TIME 17:18:49

EL PASO NATURAL GAS
SCHEDULE XX
R E C A P I T U L A T I O N

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

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TOWNSHIP 30N	RANGE 6W	
SECTION 10	: A PORTION OF	TR 38
SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4
SECTION 11	: LOTS 1-8, N/2	
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 12	: A PORTION OF	TR 39
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 13	: SW/4	
SECTION 14	: ALL	
SECTION 15	: LOTS 1,2, NE/NE,	S/2 NE, NW/NW
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: A PORTION OF	TR 38
SECTION 16	: S/2	
SECTION 16	: NW/4	
SECTION 16	: NE/4	
SECTION 17	: ALL	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 18	: N/2 NW/4	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 19	: S/2 SE, SE/SW	
SECTION 20	: SW/SE, SE/SW	
SECTION 20	: SW/SW	
SECTION 20	: E/2 NE/4	
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 21	: LOTS 1-3, E/2	NE, N/2 S/2, SW/SW
SECTION 21	: PART OF TR.43	IN SE/4
SECTION 21	: NW/4, W/2 NE	
SECTION 21	: PART OF TR.42	IN S/2
SECTION 22	: PART OF TR.43	IN SW/4
SECTION 22	: LOT 1, N/2,	SE/4, NE/SW
SECTION 22	: LOT 2, NW/SW	
SECTION 27	: LOTS 1-3, E/2,	SE/NW, SW/4
SECTION 27	: PART OF TR.43	IN NW/4
SECTION 28	: PART OF TR.43	IN NE/4
SECTION 28	: PART OF TR.42	IN NE/4
SECTION 28	: PART OF TR.42	IN SE/4
SECTION 28	: LOT 6, E/2 SE	
SECTION 30	: LOT 4 & 5	
SECTION 30	: E/2	
SECTION 31	: E/2	
SECTION 36	: LOTS 1 - 4,	W/2 E/2
SECTION 7	: N/2	
SECTION 7	: S/2	
SECTION 8	: SW/4	
SECTION 8	: E/2, NW/4	
SECTION 9	: E/2	
SECTION 9	: W/2	
TOWNSHIP 30N	: RANGE 7W	
SECTION 11	: E/2	

RUN DATE 07/26/91
RUN TIME 17:18:49

EL PASO NATURAL GAS
R E C A P I T U L A T I O N
SCHEDULE XX

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DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:	DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:
SECTION 11 : W/2	
SECTION 12 : E/2	
SECTION 12 : W/2	
SECTION 13 : E/2	
SECTION 13 : W/2	
SECTION 14 : W/2	
SECTION 14 : E/2	
SECTION 15 : E/2	
SECTION 15 : W/2	
SECTION 22 : W/2 E/2	
SECTION 22 : E/2 E/2	
SECTION 23 : ALL	
SECTION 24 : ALL	
SECTION 25 : ALL	
SECTION 26 : ALL	
SECTION 27 : E/2	
SECTION 34 : ALL	
SECTION 35 : ALL	
SECTION 36 : W/2 SW/4	
SECTION 36 : SE/NW, E/2 SW	
SECTION 36 : N/2 NW, SW/NW	
TOTAL COMMITTED: 19,885.48	TOTAL ACRES NON-COMMITTED: 0.00
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 19,885.48	

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #481
Formation: Fruitland Coal
Location: 30N-06W-30K
County and State: Rio Arriba, New Mexico

Date Spudded: 11-29-89
Date Completed: 02-11-90
Date of First Delivery: 04-25-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 522.8

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 866 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW)	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
90	1470 / 71	-	13.5 / 22.0
91	1965 / 72	-	18 / 22.3
92	1965 / 53	-	18 / 16.3
93	1965 / 38	-	18 / 11.9

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOI (MCFD)
02-27-90	1169			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #477
Formation: Fruitland Coal
Location: 30N-06W-28M
County and State: Rio Arriba, New Mexico

Date Spudded: 11-28-89
Date Completed: 03-14-90
Date of First Delivery: 07-24-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 545.1

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 859 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	<u>Gas/Water (MMCF)/MBW)</u>	<u>Oil (MBO)</u>	<u>*Operating Expense Base/Water (M\$)/(M\$)</u>
90	855 / 0	-	9.0 / 0
91	2165 / 0	-	18.0 / 0
92	2165 / 0	-	18.0 / 0
93	2165 / 0	-	18.0 / 0

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

<u>Date</u>	<u>WHSIP (PSIG)</u>	<u>WHFTP (PSIG)</u>	<u>WHFCP (PSIG)</u>	<u>AOI (MCFD)</u>
03-29-90	1534			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #478
Formation: Fruitland Coal
Location: 30N-06W-29A
County and State: Rio Arriba, New Mexico

Date Spudded: 12-02-89
Date Completed: 02-23-90
Date of First Delivery: 05-14-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 533.6

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 976 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
90	1310 / 78	-	12 / 24.3
91	1965 / 82	-	18 / 25.4
92	1965 / 53	-	18 / 16.4
93	1965 / 34	-	18 / 10.6

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOE (MCFD)
03-09-90	1497			

Meridian Oil, Inc.
Commerciality Determination

Well Name: San Juan 30-6 #479
Formation: Fruitland Coal
Location: 30N-06W-29N
County and State: Rio Arriba, New Mexico

Date Spudded: 12-23-89
Date Completed: 02-13-90
Date of First Delivery: 06-08-90
Date of Commerciality Submittal:

Well Cost Data

Total Well Costs (M\$) 711.3

Production Taxes

	Gas % of Revenue
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 1.822%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

(Year)/(\$/MCF)

89 / 1.23
90 / 1.31 to life

*Gas prices were adjusted for a heating value of 868 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas/Water (MMCF)/MBW	Oil (MBO)	*Operating Expense Base/Water (M\$)/(M\$)
90	879 / 50	-	11.1 / 15.5
91	1891 / 79	-	18 / 24.5
92	2057 / 68	-	18 / 21.0
93	2060 / 54	-	18 / 16.6

*Operating expenses were held flat (decrease in expenses is due to declining water production). Product prices were held constant from 1990 to life.

Economics were run at a Discount Rate of 12%.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOE (MCFD)
02-27-90	1352			

RUN DATE 07/26/91
RUN TIME 17:18:43

MERIDIAN OIL INC.
SCHEDULE XXI
THE O2O EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION

NM-012573	30N 7W	960.00		TRACT: 002			4.535687
SEC. 14	W/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 12	E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

NM-012293	30N 7W	960.00		TRACT: 003			4.535687
SEC. 14	E/2		ORRI:		2.500000	2.500000	
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
SEC. 13	E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

NM-012694	30N 7W	640.00		TRACT: 004			3.023792
SEC. 15	E/2		ORRI:		2.500000	2.500000	
SEC. 11	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			CONOCO INC				
			TOTAL		100.000000	100.000000	

NM-012710	30N 7W	640.00		TRACT: 005			3.023791
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

SF-079002	30N 6W	800.00		TRACT: 006			3.779740
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO				
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:44

MERIDIAN OIL INC.
SCHEDULE XXI
THE OZO EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074 30N 7W 160.00 TRACT: 008 0.755948
SEC. 22 W/2 E/2 ORRI:
WORKING INTEREST:
T H MCELVAIN OIL AND

TOTAL 12.500000 12.500000 87.500000 100.000000 100.000000

SF-079382 30N 7W 2,080.00 TRACT: 009 9.827322
SEC. 23 ALL ORRI:
SEC. 24 ALL ROYALTY:
SEC. 25 ALL WORKING INTEREST:
SEC. 22 E/2 E/2 EL PASO PRODUCTION CO
JAMES M RAYMOND
MAYDELL MILLER MAST TRUST
CORINNE MILLER GAY TRUST
T H MCELVAIN OIL AND

TOTAL 11.875000 11.875000 12.500000 61.875000 5.729166 0.572917 0.572917 6.875000 100.000000 100.000000

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-079383 30N 7W 2,240.00 TRACT: 010 10.583271
SEC. 26 ALL ORRI:
SEC. 35 ALL ROYALTY:
SEC. 27 E/2 WORKING INTEREST:
SEC. 34 ALL EL PASO PRODUCTION CO
JAMES M RAYMOND
MAYDELL MILLER MAST TRUST
CORINNE MILLER GAY TRUST
T H MCELVAIN OIL AND

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:44

THE 020 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080180-A	30N 6W	320.00		TRACT: 011			1.511896
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		25.625000 12.500000 61.875000	25.625000 12.500000 61.875000	
	TOTAL				100.000000	100.000000	
REMARKS: ORRI INCLUDES 20.625% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC.							
SF-080711	30N 6W	520.00		TRACT: 012			2.456830
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	
SF-080711-A	30N 6W	320.00		TRACT: 013			1.511896
	SEC. 30 W/2		ORRI: ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY CONOCO INC MERIDIAN OIL PRODUCTION		12.500000 12.500000 12.500000 31.250000 31.250000	12.500000 12.500000 12.500000 31.250000 31.250000	
	TOTAL				100.000000	100.000000	
SF-080712	30N 6W	440.00		TRACT: 015			2.078857
	SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:44

MERIDIAN OIL INC.
SCHEDULE XXI
THE O2O EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080712	30N 6W	1,866.90		TRACT: 016			8.820494
SEC. 30	E/2		ROYALTY:		16.916666	16.916666	
SEC. 21	LOTS 1-3, E/2		WORKING INTEREST:		12.500000	12.500000	
NE, N/2 S/2, SW/SW			AMOCO PRODUCTION COMPANY		12.500000	12.500000	
SEC. 22	LOT 2, NW/SW		CONOCO INC		27.500000	27.500000	
SEC. 27	LOTS 1-3, E/2,		MERIDIAN OIL PRODUCTION		30.583334	30.583334	
SE/NW, SW/4							
SEC. 28	LOT 2-5, NW/NW						
SEC. 29	S/2 NE, W/2						
TOTAL					100.000000	100.000000	
REMARKS:							
CONOCO SOLELY BEARS 3.75% NPI TO MOP.							
MOP SOLELY BEARS .666666% ORRI.							
BOTH THE NPI AND ORRI ARE INCLUDED							
WITH THE CURRENT TRACT ORRI OF 12.5%.							
SF-080712-A	30N 6W	114.23		TRACT: 017			0.539700
SEC. 28	LOT 6, E/2 SE		ROYALTY:		2.204000	2.204000	
			WORKING INTEREST:		12.500000	12.500000	
			WILLIAMS PRODUCTION COMPANY		15.353280	15.353280	
			PHILLIPS PETROLEUM COMPANY		69.942720	69.942720	
TOTAL					100.000000	100.000000	
SF-080713	30N 6W	912.88		TRACT: 018			4.313060
SEC. 13	LOTS 1 - 4,		ORRI:		3.500000	3.500000	
W/2 E/2, NW/4			ROYALTY:		12.500000	12.500000	
SEC. 12	LOTS 1-6, NW/4,		WORKING INTEREST:		32.955000	32.955000	
E/2 SW, W/2 E/2			GLOBAL NATURAL RESOURCES		41.750000	41.750000	
			EL PASO PRODUCTION CO		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION				
TOTAL					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:44

THE 020 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
MERIDIAN OIL INC.
SCHEDULE XXI
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713-A	30N 6W	543.79		TRACT: 019			2.569231
	SEC. 22 LOT 1, N/2, SE/4, NE/SW		ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY MERIDIAN OIL PRODUCTION		16.916666 12.500000 27.500000 12.500000 30.583334	16.916666 12.500000 27.500000 12.500000 30.583334	
	TOTAL				100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

SF-080713-B	30N 6W	1,040.00		TRACT: 020			4.913661
	SEC. 15 S/2, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	SEC. 14 ALL						
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.20		TRACT: 021			2.268789
	SEC. 11 LOTS 1-8, N/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:44

MERIDIAN OIL INC.
SCHEDULE XXI
THE 020 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A							
30N 6W		742.65		TRACT: 022			3.508779
SEC. 10	LOTS 1-5, N/2, W/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
SEC. 15	LOTS 1,2, NE/NE, S/2 NE, NW/NW						
TOTAL					100.000000	100.000000	
REMARKS:							
ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							
NM-03384							
30N 6W		400.00		TRACT: 024			1.889870
SEC. 18	N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY		5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	
SEC. 9	W/2						
TOTAL					100.000000	100.000000	
NM-03385							
30N 6W		1,200.00		TRACT: 025			5.669609
SEC. 17	ALL		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
SEC. 18	E/2, SW/4, S/2 NW/4						
TOTAL					100.000000	100.000000	
NM-03403							
30N 6W		480.00		TRACT: 026			2.267844
SEC. 7	S/2		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
SEC. 8	SW/4						
TOTAL					100.000000	100.000000	

EFFECTIVE 90/03/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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NM-03416	30N 6W	320.00	TRACT: 027		5.000000	5.000000	1.511896
	SEC. 9 E/2				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			TOTAL		100.000000	100.000000	

NM-04052	30N 6W	170.32	TRACT: 028		16.916666	16.916666	0.804706
	SEC. 21		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			AMOCO PRODUCTION COMPANY		12.500000	12.500000	
			CONOCO INC		27.500000	27.500000	
			MERIDIAN OIL PRODUCTION		30.583334	30.583334	
	SEC. 22						
			IN SE/4				
			PART OF TR. 43				
	SEC. 27						
			IN SW/4				
			PART OF TR. 43				
	SEC. 28						
			IN NW/4				
			PART OF TR. 43				
			IN NE/4				
			TOTAL		100.000000	100.000000	

REMARKS:
 CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
 MOPi SOLELY BEARS .666666% ORRI.
 BOTH THE NPI AND ORRI ARE INCLUDED
 WITH THE CURRENT TRACT ORRI OF 12.5%.

NM-06283	30N 6W	160.00	TRACT: 031		3.500000	3.500000	0.755948
	SEC. 12		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		41.750000	41.750000	
			GLOBAL NATURAL RESOURCES		32.955000	32.955000	
			MERIDIAN OIL PRODUCTION		9.295000	9.295000	
	SEC. 11						
			A PORTION OF				
			TR 39				
			TOTAL		100.000000	100.000000	

REMARKS:
 EPPC WI BURDENED BY 3.5% ORRI.
 OTHER OWNERS WI BURDENED BY 3.0% ORRI.

RUN DATE 07/26/91
RUN TIME 17:18:45

THE 020 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-347-36	30N 6W SEC. 16 NW/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 038	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	0.755948
	TOTAL				100.000000	100.000000	
E-347-20	30N 6W SEC. 36 LOTS 1 - 4, W/2 E/2	230.24	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 039	21.875000 12.500000 65.625000	21.875000 12.500000 65.625000	1.087809
	TOTAL				100.000000	100.000000	
E-347-28	30N 6W SEC. 16 NE/4	160.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 040	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.755948
	TOTAL				100.000000	100.000000	
E-347-39	30N 6W SEC. 16 S/2	320.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY PHILLIPS PETROLEUM COMPANY	TRACT: 041	5.000000 12.500000 14.850000 67.650000	5.000000 12.500000 14.850000 67.650000	1.511896
	TOTAL				100.000000	100.000000	
E-5111-6	30N 7W SEC. 36 W/2 SW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO CONOCO INC	TRACT: 046	7.500000 12.500000 48.000000 32.000000	7.500000 12.500000 48.000000 32.000000	0.377974
	TOTAL				100.000000	100.000000	

REMARKS:
SUBJECT TO PO WITH MESA UNDER GLA 204
ORRI REVERTS APO.

EFFECTIVE 90/03/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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E-5167-2 30N 7W 120.00 TRACT: 047 0.566961

SEC. 36 N/2 NW, SW/NW
 ORRI:
 ROYALTY:
 WORKING INTEREST:
 W P GARR
 MERIDIAN OIL PRODUCTION

12.500000 12.500000
 37.187500 37.187500
 50.312500 50.312500
 100.000000 100.000000

B-10603-43 30N 7W 120.00 TRACT: 050 0.566961

SEC. 36 SE/NW, E/2 SW
 ORRI:
 ROYALTY:
 WORKING INTEREST:
 PAUL H UMBACH ESTATE
 MORRIS MIZEL AND FLORA MIZEL
 LEE WAYNE & JO ANN MOORE TRU
 AMOCO PRODUCTION COMPANY
 MERIDIAN OIL PRODUCTION

5.000000 5.000000
 12.500000 12.500000
 2.062500 2.062500
 9.281250 9.281250
 7.425000 7.425000
 54.171562 54.171562
 9.559688 9.559688
 100.000000 100.000000

J.C. GOMEZ 30N 6W 365.77 TRACT: 051 1.728144

SEC. 28 PART OF TR.42
 IN S/2
 SEC. 29 SE/4
 ORRI:
 ROYALTY:
 WORKING INTEREST:
 WILLIAMS PRODUCTION COMPANY
 PHILLIPS PETROLEUM COMPANY

4.000000 4.000000
 12.500000 12.500000
 15.030000 15.030000
 68.470000 68.470000
 100.000000 100.000000

J.C. GOMEZ 30N 6W 159.51 TRACT: 052 0.753633

SEC. 10 A PORTION OF
 TR 38
 SEC. 11 A PORTION OF
 TR 38
 SEC. 15 A PORTION OF
 TR 38
 ORRI:
 ROYALTY:
 WORKING INTEREST:
 EL PASO PRODUCTION CO
 PWG PARTNERSHIP
 PRUDENTIAL BACHE ENERGY IIP-
 PRUDENTIAL BACHE ENERGY IIP-
 PRUDENTIAL BACHE ENERGY IIP-
 PRUDENTIAL BACHE ENERGY IIP-
 PRUDENTIAL BACHE ENERGY IIP-
 PRUDENTIAL BACHE ENERGY IIP-
 PRUDENTIAL BACHE ENERGY IIP-

15.312500 15.312500
 12.500000 12.500000
 30.937500 30.937500
 13.750000 13.750000
 0.316250 0.316250
 0.261250 0.261250
 0.756250 0.756250
 0.935000 0.935000
 1.485000 1.485000
 1.292500 1.292500
 3.767500 3.767500

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:45

MERIDIAN OIL INC.
SCHEDULE XXI
THE O2O EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 10
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE ENERGY IVP-				4.152500	4.152500	
	PRUDENTIAL BACHE ENERGY PROD				0.783750	0.783750	
	FREEPORT MCMORAN INC				13.750000	13.750000	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

FEE	3ON	6W	160.00	TRACT: 053			0.755947
	SEC. 13	SW/4		ORRI:	12.500000	12.500000	
				ROYALTY:	87.500000	87.500000	
				WORKING INTEREST:	100.000000	100.000000	
				WILLIAMS PRODUCTION COMPANY			
				TOTAL			

J.E. GOMEZ	3ON	6W	160.00	TRACT: 054			0.755948
	SEC. 19	S/2 SE, SE/SW		ORRI:	5.000000	5.000000	
	SEC. 20	SW/SW		ROYALTY:	12.500000	12.500000	
				WORKING INTEREST:	55.000000	55.000000	
				EL PASO PRODUCTION CO	27.500000	27.500000	
				THOMAS H & NANCY L HARRINGTON			
				TOTAL	100.000000	100.000000	

J.E. GOMEZ	3ON	6W	160.00	TRACT: 055			0.755948
	SEC. 20	SW/SE, SE/SW		ORRI:	5.000000	5.000000	
	SEC. 29	N/2 NE/4		ROYALTY:	12.500000	12.500000	
				WORKING INTEREST:	55.000000	55.000000	
				EL PASO PRODUCTION CO	27.500000	27.500000	
				THOMAS H & NANCY L HARRINGTON			
				TOTAL	100.000000	100.000000	

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:46

MERIDIAN OIL INC.
SCHEDULE XXI
THE O2O EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 11
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J.E. GOMEZ	30N 6W	138.99		TRACT: 056			0.656683
	SEC. 21 PART OF TR. 42 IN S/2		ROYALTY: WORKING INTEREST: AMOCO PRODUCTION COMPANY		16.916666 12.500000	16.916666 12.500000	
	SEC. 28 PART OF TR. 42 IN N/2		CONOCO INC MERIDIAN OIL PRODUCTION		12.500000 27.500000 30.583334	12.500000 27.500000 30.583334	
	TOTAL				100.000000	100.000000	

REMARKS:
CONOCO SOLELY BEARS 3.75% NPI TO MOPi.
MOPi SOLELY BEARS .666666% ORRI.
BOTH THE NPI AND ORRI ARE INCLUDED
WITH THE CURRENT TRACT ORRI OF 12.5%.

A. GOMEZ	30N 6W	80.00		TRACT: 057			0.377974
	SEC. 20 E/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	
A. GOMEZ	30N 6W	240.00		TRACT: 057A			1.133922
	SEC. 21 NW/4, W/2 NE		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTO		5.000000 12.500000 55.000000 27.500000	5.000000 12.500000 55.000000 27.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 90/03/01

RUN DATE 07/26/91
RUN TIME 17:18:49

EL PASO NATURAL GAS
SCHEDULE XXI
R E C A P I T U L A T I O N
DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N	RANGE 6W	
SECTION 10	: A PORTION OF	TR 38
SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4
SECTION 11	: LOTS 1-8, N/2	
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 12	: A PORTION OF	TR 39
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 13	: SW/4	
SECTION 14	: ALL	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: LOTS 1,2, NE/NE,	S/2 NE, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 16	: NW/4	
SECTION 16	: S/2	
SECTION 16	: NE/4	
SECTION 17	: ALL	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 18	: N/2 NW/4	
SECTION 19	: S/2 SE, SE/SW	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 20	: SW/SW	
SECTION 20	: SW/SE, SE/SW	
SECTION 20	: E/2 NE/4	
SECTION 21	: NW/4, W/2 NE	
SECTION 21	: PART OF TR.42	IN S/2
SECTION 21	: LOTS 1-3, E/2	IN SE/4
SECTION 21	: LOT 2, NW/SW	NE, N/2 S/2, SW/SW
SECTION 22	: PART OF TR.43	
SECTION 22	: LOT 1, N/2,	IN SW/4
SECTION 27	: LOTS 1-3, E/2,	SE/4, NE/SW
SECTION 27	: PART OF TR.43	SE/NW, SW/4
SECTION 28	: PART OF TR.43	IN NW/4
SECTION 28	: PART OF TR.42	IN NE/4
SECTION 28	: PART OF TR.42	IN N/2
SECTION 28	: LOT 6, E/2 SE	IN S/2
SECTION 28	: LOT 2-5, NW/NW	
SECTION 29	: S/2 NE, W/2	
SECTION 29	: SE/4	
SECTION 29	: N/2 NE/4	
SECTION 30	: E/2	
SECTION 30	: W/2	
SECTION 31	: E/2	
SECTION 36	: LOTS 1 - 4,	W/2 E/2
SECTION 7	: S/2	
SECTION 7	: N/2	
SECTION 8	: E/2, NW/4	
SECTION 8	: SW/4	

SECTION 9	:	E/2
SECTION 9	:	W/2
TOWNSHIP 30N	:	RANGE 7W
SECTION 11	:	E/2
SECTION 11	:	W/2
SECTION 12	:	W/2
SECTION 12	:	E/2
SECTION 13	:	W/2
SECTION 13	:	E/2
SECTION 14	:	E/2
SECTION 14	:	W/2
SECTION 15	:	W/2
SECTION 15	:	E/2
SECTION 22	:	W/2 E/2
SECTION 22	:	E/2 E/2
SECTION 23	:	ALL
SECTION 24	:	ALL
SECTION 25	:	ALL
SECTION 26	:	ALL
SECTION 27	:	E/2
SECTION 34	:	ALL
SECTION 35	:	ALL
SECTION 36	:	SE/NW, E/2 SW
SECTION 36	:	N/2 NW, SW/NW
SECTION 36	:	W/2 SW/4
TOTAL COMMITTED:		21,165.48

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:
21,165.48

TOTAL ACRES NON-COMMITTED:
0.00

#493

RESIGNATION OF UNIT OPERATOR AND
DESIGNATION OF SUCCESSOR UNIT OPERATOR

San Juan 30-6 Unit Area
County of Rio Arriba, State of New Mexico
No. 14-08-001-538

THIS INDENTURE, dated as of the 29th day of April, 1991, by and between El Paso Natural Gas Company, operator and owner of unitized working interest, (hereinafter called "EPNG") and Meridian Oil Inc., successor operator and owner of unitized working interest, (hereinafter called "Meridian").

W I T N E S S E T H:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. §§181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 30th day of April, 1953, approved the Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area, wherein EPNG is designated as Unit Operator; and

WHEREAS, under the provisions of an Act of Legislature (§1, Chap. 162, Laws of 1951, and §§ 1 and 2, Chap. 176, Laws of 1961, Sec. Chap.7, Article 11, §§39, 40 and 41, New Mexico Statutes 1953 Annotated) (Now being Chap. 29, Article 10, §§ 45, 46 and 47 New Mexico Statutes Annotated 1978 Com.) the Commissioner of Public Lands on the 17th day of March, 1953, approved a Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area, wherein EPNG is designated as Unit Operator; and

WHEREAS, EPNG has resigned as Unit Operator, and the designation of a successor Unit Operator is now required pursuant to the terms thereof; and

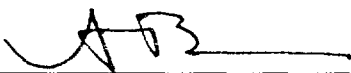
WHEREAS, in accordance with the terms and provisions of the Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area, EPNG has procured the necessary consent from working interest owners and regulatory agencies, and Meridian has procured the necessary consent from said owners to replace EPNG as Operator of the San Juan 30-6 Unit.

NOW, THEREFORE, effective May 1, 1991, EPNG hereby resigns as Unit Operator under the Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area and Meridian hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator and pursuant to all the terms of the Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area, and EPNG covenants and agrees that, upon approval of this indenture by the Authorized Officer in the proper BLM office and the Commissioner of Public Lands, Meridian shall be granted the exclusive right

and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; and said Unit Agreement being hereby incorporated by references and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Unit Operator and Working Interest Owner
El Paso Natural Gas Company

By: 
Kent Beers
Attorney-in-fact

Successor Unit Operator and Working
Interest Owner, Meridian Oil Inc.

By: 
Kent Beers
Attorney-in-Fact

ACKNOWLEDGMENTS

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

The foregoing instrument was acknowledged before me this 29th day of April, 1991, by Kent Beers, as Attorney-in-fact on behalf of El Paso Natural Gas Company.

Laura Larson
Notary Public

My commission expires:

January 8, 1995

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

The foregoing instrument was acknowledged before me this 29th day of April, 1991, by Kent Beers, as Attorney-in-fact on behalf of Meridian Oil Inc.

Laura Larson
Notary Public

My commission expires:

January 8, 1995

RESIGNATION OF UNIT OPERATOR AND DESIGNATION OF SUCCESSOR UNIT OPERATOR
SAN JUAN 30-6 UNIT AREA.



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 11, 1991

El Paso Natural Gas Company
P.O. Box 4289
Farmington, NM 87499

Attn: Mr. Kent Beers

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1991 Plan of Development

Dear Mr. Beers:

The Commissioner of Public Lands has this date approved the 1991 Plan of Development for the San Juan 30-6 Unit. Our approval is subject to like approval by all other appropriate agencies.

There is a possibility of drainage by wells outside the Unit Area and the need for further development may exist.

If we may be of further assistance please contact our office at (505) 827-5791.

Sincerely,

JIM BACA
COMMISSIONER OF PUBLIC LANDS


By:
Floyd O. Prando, Director
Oil, Gas & Minerals Division

JB/FOP/DM/dm

cc: OCD
Unit POD File
Unit Correspondence File

El Paso
Natural Gas Company

CONSERVATION DIVISION
RECEIVED
'91 FEB 29 AM 9:20
P.O. Box 4289
Farmington, New Mexico 87499-4289
Phone: 505-326-9700

February 27, 1991

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501-2088

RE: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
1991 Plan of Development

Gentlemen:

By letter dated February 28, 1990, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a Plan of Development for the calendar year 1990. This program provided for the drilling of twenty-nine (29) Fruitland formation wells which all were drilled in 1990.

As of this date, the total number of wells in the San Juan 30-6 Unit are as follows:

Fruitland, Commercial	47
Fruitland, Being Evaluated	51
Fruitland, Pressure Observation Wells	3
*Fruitland, Plugged & Abandoned	1
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-Commercial	1
Mesaverde, Plugged & Abandoned	7
Pennsylvanian, Plugged & Abandoned	<u>2</u>
	247

*Formerly Abraham 1 Well

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting a Plan of Development providing for the drilling of the following Dakota wells during the calendar year 1991.

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-6 Unit #117	E/2 11-30N-6W	Dakota
San Juan 30-6 Unit #118	E/2 12-30N-6W	Dakota
San Juan 30-6 Unit #119	E/2 13-30N-6W	Dakota

Regulatory Agencies
February 27, 1991
Page Two

All working interest owners have been contacted regarding this Plan of Development. El Paso Natural Gas Company and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in black ink, appearing to be 'KB' followed by a flourish and a circular stamp.

Kent Beers
Attorney-in-Fact

KB/LD/sf
ID.#243+22
Enclosures
San Juan 30-6 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by
the Oil Conservation Division &
Commissioner of Public Lands)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by
the Bureau of Land Management &
the Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by
the Bureau of Land Management &
the Commissioner of Public
Lands)

DATED: 3-6-91

The foregoing approvals for the 1991 Plan of Development for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

J. R. Abraham	Frederick Eugene Turner
Amoco Production Company	J. Glenn Turner, Jr.
Arco Oil & Gas Company	Mary Frances Turner Jr. Trust (6743), MTrust Corp, N.A. Trustee
Elizabeth Jeanne Turner Calloway	
W. P. Carr, Individually and as Trustee for James Allison Cozby	John Lee Turner
Conoco Inc.	Paul H. Umbach Estate
El Paso Production Company	The Wiser Oil Company
Global Natural Resources Corporation	
T. H. and Nancy L. Harrington	
Koch Industries - deep rights	
T. H. McElvain Oil & Gas Properties	
Meridian Oil Production Inc.	
Mesa Petroleum Company	
Mizel Resources	
Lee Wayne Moore and Jo Ann M. Moore	
Robert Mosbacher	
Northwest Pipeline Corporation	
FMP Operating Company	
Phillips Petroleum Company	
Prudential-Bache c/o Graham Royalty	
PWG Partnership	
James M. Raymond, Individually and as Trustee for Corinne Miller Gay and Maydell Miller Mast Trusts	
W. H. Sloan	
Southland Royalty Company	

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 5, 1990

Ms. Linda Donohue, Petroleum Landman
Meridian Oil Inc.,
3535 East 30th Street
P.O. Box 4289
Farmington, NM 87499-4289

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1990 Plan of Development

Dear Ms. Donohue:

The Commissioner of Public Lands this date approved the 1990 Plan of Development for the San Juan 30-6 Unit. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development may exist. You will be contacted at a later date regarding these possibilities.

If we may be of further help, please do not hesitate to contact Clyde Langdale at (505) 827-5791.

Sincerely,

W. R. HUMPHRIES

BY:

Floyd O. Prando
Floyd O. Prando, Director
Oil, Gas & Minerals Division

cc: OCD
Unit Corresp.
Unit POD

El Paso
Natural Gas Company

3535 East 30th Street
P.O. Box 4289
Farmington, N.M. 87499-4289
Phone: 505-326-9700

April 12, 1990

#493

Bureau of Land Management
Attention: Mr. John Keller
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: San Juan 30-6 Unit
CORRECTED FRUITLAND PARTICIPATING AREA
Approved Ninth Thru Twelfth Expansions
Pending Thirteenth and Fourteenth Expansions
Rio Arriba County, New Mexico

Gentlemen:

Please find enclosed corrected schedules for the approved Ninth thru Twelfth Expansions and also for the pending Thirteenth and Fourteenth Expansions.

The schedules have been revised to reflect the following:

Ninth to Fourteenth Expansions

Tract 20 - Section 15
Was: SE/4, SW/4, S/2 NE/4
Changed to: S/2, S/2 NW/4

Tract 21
Was: 480.02
Changed to: 480.20

82 6 11 91 11 06,

RECEIVED
DIVISION

April 12, 1990

Eleventh to Fourteenth Expansions

Tract 54

Was: Section 19: S/2 S/2

Changed to: Section 19: S/2

SE/4, SE/4 SW/4

Section 20: SW/4

SW/4

Please replace the schedules in your files and advise when you have enough production data to approve the 13th and 14th expansions.

We apologize for the inconvenience of these revisions.

The working interest owners are being provided a copy of this letter for their files.

If there are any questions regarding this matter please contact Linda Donohue at 326-9760.

Very truly yours,



Kent Beers
Regional Land Manager

KB:LD:jf

18+

San Juan 30--6, 4.4

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL
NM-012573	30N 7W	960.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 002	3.500000	3.500000	7.554439
	SEC. 12 E/2				12.500000	12.500000	
	SEC. 13 W/2				84.000000	84.000000	
	SEC. 14 W/2				100.000000	100.000000	
NM-012293	30N 7W	960.00	ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY TOTAL	TRACT: 003	2.500000	2.500000	7.554439
	SEC. 12 W/2				12.500000	12.500000	
	SEC. 13 E/2				42.500000	42.500000	
	SEC. 14 E/2				42.500000	42.500000	
					100.000000	100.000000	
NM-012694	30N 7W	320.00	ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY TOTAL	TRACT: 004	2.500000	2.500000	2.518146
	SEC. 15 E/2				12.500000	12.500000	
					42.500000	42.500000	
					42.500000	42.500000	
					100.000000	100.000000	
NM-012710	30N 7W	640.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 005	3.500000	3.500000	5.036293
	SEC. 11 E/2				12.500000	12.500000	
	SEC. 15 W/2				84.000000	84.000000	
					100.000000	100.000000	
SF-079002	30N 6W	800.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 006	15.312500	15.312500	6.295366
	SEC. 7 N/2				12.500000	12.500000	
	SEC. 8 E/2, NW/4				72.187500	72.187500	
					100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
			OWNERSHIP	TRACT:		
SF-079382	30N 7W	1,920.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO T H MCELVAIN OIL AND JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST JAMES M RAYMOND TOTAL	009	11.875002	11.875002
	SEC. 23 ALL				12.500000	12.500000
	SEC. 24 ALL				61.875000	61.875000
	SEC. 25 ALL				6.875000	6.875000
					0.572916	0.572916
					0.572916	0.572916
					0.572916	0.572916
					5.156250	5.156250
					100.000000	100.000000
						15.108878

REMARKS: ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-079383	30N 7W	2,240.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO T H MCELVAIN OIL AND JAMES M RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST JAMES M RAYMOND TOTAL	010	11.875002	11.875002
	SEC. 26 ALL				12.500000	12.500000
	SEC. 27 E/2				61.875000	61.875000
	SEC. 34 ALL				6.875000	6.875000
	SEC. 35 ALL				0.572916	0.572916
					0.572916	0.572916
					0.572916	0.572916
					5.156250	5.156250
					100.000000	100.000000
						17.627025

REMARKS: ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
SF-080711	30N 6W	280.00		TRACT: 012		2.203378
	SEC. 19 SW/SW, NW/4, N/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000 100.000000	----- ----- ----- -----
	TOTAL					
SF-080713	30N 6W	525.40		TRACT: 018		4.134482
	SEC. 12 LOTS 4 & 5, NW/4, E/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES		3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	----- ----- ----- ----- ----- -----
	SEC. 13 LOTS 1 - 4, W/2 E/2		EL PASO PRODUCTION CO MERIDIAN OIL PRODUCTION			
	TOTAL					
SF-080713-B	30N 6W	720.00		TRACT: 020		5.665829
	SEC. 14 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000 72.187500 100.000000	----- ----- ----- -----
	SEC. 15 S/2, S/2 NW/4		TOTAL			
	REMARKS:		ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.			

RUN DATE 04/04/90
RUN TIME 15:36:59

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
SF-080714	30N 6W	480.20	ORRI:	TRACT: 021	3.500000	3.778794
	SEC. 11	LOTS 1 - 8, N/2	ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		12.500000	12.500000
					41.750000	41.750000
					32.955000	32.955000
					9.295000	9.295000
			TOTAL		100.000000	100.000000

REMARKS: EPPC WI BURDENED BY 3.5% ORRI,
OTHER OWNER WI BURDENED BY 3.0% ORRI.

SF-080714-A	30N 6W	742.65	TRACT: 022	15.312500	5.844067
	SEC. 10	LOTS 1 - 5,		12.500000	
		N/2, W/2 SW			
	SEC. 15	LOT 1&2, NE/NE,		72.187500	
		S/2 NE, NW/NW			
			TOTAL	100.000000	

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NW-03384	30N 6W	80.00	TRACT: 024	5.000000	0.629536
	SEC. 18	N/2 NW/4		12.500000	
				82.500000	
			TOTAL	100.000000	

ROYALTY:
WORKING INTEREST:
NORTHWEST PIPELINE CORP

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
			OWNERSHIP	TRACT		
NM-03385	30N 6W	1,200.00		TRACT: 025		9.443049
	SEC. 17		ORRI:		3.000000	
	SEC. 18		ROYALTY:		12.500000	
			WORKING INTEREST:		84.500000	
			ARCO		100.000000	
NM-03403	30N 6W	480.00		TRACT: 026		3.777220
	SEC. 7		ORRI:		3.000000	
	SEC. 8		ROYALTY:		12.500000	
			WORKING INTEREST:		84.500000	
			ARCO		100.000000	
NM-06283	30N 6W	160.10		TRACT: 031		1.259860
	SEC. 11		ORRI:		3.500000	
	SEC. 12		WORKING INTEREST:		12.500000	
			EL PASO PRODUCTION CO		41.750000	
			GLOBAL NATURAL RESOURCES		32.955000	
J. C. GOMEZ	30N 6W	159.41		TRACT: 052		1.254430
	SEC. 10		ORRI:		15.312500	
	SEC. 11		ROYALTY:		12.500000	
	SEC. 15		WORKING INTEREST:		30.937500	
			EL PASO PRODUCTION CO		13.750000	
			PWG PARTNERSHIP		13.750000	
			PARTNERSHIP PROPERTIES		0.316250	
			PRUDENTIAL BACHE ENERGY INCO		0.261250	
			PRUDENTIAL BACHE ENERGY INCO		0.756250	
			PRUDENTIAL BACHE ENERGY INCO		0.935000	
			PRUDENTIAL BACHE ENERGY INCO		1.485000	
			PRUDENTIAL BACHE ENERGY INCO		1.292500	
			PRUDENTIAL BACHE ENERGY INCO		3.767500	

EFFECTIVE 88/09/01

REMARKS: EPC WI BURDENED BY 3.5% ORRI.
OTHER OWNER WI BURDENED BY 3.0% ORRI.

RUN DATE 04/04/90
RUN TIME 15:37:00

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
			OWNERSHIP	TRACT		
			PRUDENTIAL BACHE ENERGY INCO	054	4.152500	4.152500
			PRUDENTIAL BACHE ENERGY PROD		0.783750	0.783750
			TOTAL		100.000000	100.000000
4, GOMEZ	30N 6W	40.00	ORRI:	TRACT: 054	5.000000	0.314769
	SEC. 19 SE/4 SW/4		ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		55.000000	55.000000
			THOMAS H & NANCY L HARRINGTON		27.500000	27.500000
			TOTAL		100.000000	100.000000

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

EFFECTIVE 88/09/01

RUN DATE 04/04/90
RUN TIME 15:37:05

EL PASO NATURAL GAS

SCHEDULE X

RECAPITULATION

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

PAGE 1
FED535AP-A

TOWNSHIP 30N	RANGE 6W	
SECTION 10	: LOTS 1 - 5,	N/2, W/2 SW
SECTION 10	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: LOTS 1 - 8,	N/2
SECTION 12	: LOTS 4 & 5,	NW/4, E/2 SW/4
SECTION 12	: A PORTION OF	TR 39
SECTION 13	: LOTS 1 - 4,	W/2 E/2
SECTION 14	: W/2	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: LOT 1&2, NE/NE,	S/2 NE, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 17	: ALL	
SECTION 18	: N/2 NW/4	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 19	: SE/4 SW/4	
SECTION 19	: SW/SW, NW/4,	N/2 SW/4
SECTION 7	: N/2	
SECTION 7	: S/2	
SECTION 8	: SW/4	
SECTION 8	: E/2, NW/4	
TOWNSHIP 30N	RANGE 7W	
SECTION 11	: E/2	
SECTION 12	: E/2	
SECTION 12	: W/2	
SECTION 13	: E/2	
SECTION 13	: W/2	
SECTION 14	: W/2	
SECTION 14	: E/2	
SECTION 15	: E/2	
SECTION 15	: W/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 34	: ALL	
SECTION 35	: ALL	
TOTAL COMMITTED:	12,707.76	0.00

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 12,707.76

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP		DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	960.00			TRACT: 002		
	SEC. 12 E/2		ORRI:			3.500000	3.500000
	SEC. 13 W/2		WORKING INTEREST:			12.500000	12.500000
	SEC. 14 W/2		EL PASO PRODUCTION CO			84.000000	84.000000
			TOTAL			100.000000	100.000000
NM-012293	30N 7W	960.00			TRACT: 003		
	SEC. 12 W/2		ORRI:			2.500000	2.500000
	SEC. 13 E/2		WORKING INTEREST:			12.500000	12.500000
	SEC. 14 E/2		CONOCO INC			42.500000	42.500000
			AMOCO PRODUCTION COMPANY			42.500000	42.500000
NM-012694	30N 7W	320.00			TRACT: 004		
	SEC. 15 E/2		ORRI:			2.500000	2.500000
			WORKING INTEREST:			12.500000	12.500000
			CONOCO INC			42.500000	42.500000
			AMOCO PRODUCTION COMPANY			42.500000	42.500000
NM-012710	30N 7W	640.00			TRACT: 005		
	SEC. 11 E/2		ORRI:			3.500000	3.500000
	SEC. 15 W/2		WORKING INTEREST:			12.500000	12.500000
			EL PASO PRODUCTION CO			84.000000	84.000000
			TOTAL			100.000000	100.000000
SF-079002	30N 6W	800.00			TRACT: 006		
	SEC. 7 N/2		ORRI:			15.312500	15.312500
	SEC. 8 E/2, NW/4		WORKING INTEREST:			12.500000	12.500000
			EL PASO PRODUCTION CO			72.187500	72.187500
			TOTAL			100.000000	100.000000

EFFECTIVE 88/10/01

RUN DATE 04/04/90

RUN TIME 15:37:15

SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
			OWNERSHIP	TRACT:		
SF-079382	30N 7W	1,920.00	ORRI:	009		14.737760
	SEC. 23 ALL		ROYALTY:		11.875002	
	SEC. 24 ALL		WORKING INTEREST:		12.500000	
	SEC. 25 ALL		EL PASO PRODUCTION CO			
			T H MCELVAIN OIL AND			
			JAMES M RAYMOND		61.874999	
			MAYDELL MILLER MAST TRUST		6.875000	
			CORINNE MILLER GAY TRUST		0.572917	
			JAMES M RAYMOND		0.572916	
					0.572916	
					5.156250	
			TOTAL		100.000000	
						100.000000
SF-079383	30N 7W	2,240.00	ORRI:	010		17.194053
	SEC. 26 ALL		ROYALTY:		11.875002	
	SEC. 27 E/2		WORKING INTEREST:		12.500000	
	SEC. 34 ALL		EL PASO PRODUCTION CO			
	SEC. 35 ALL		T H MCELVAIN OIL AND			
			JAMES M RAYMOND		61.874999	
			MAYDELL MILLER MAST TRUST		6.875000	
			CORINNE MILLER GAY TRUST		0.572917	
			JAMES M RAYMOND		0.572916	
					0.572916	
					5.156250	
			TOTAL		100.000000	
						100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS

UNDER GLA 410 BORNE SOLELY BY EPPC.

SUBJECT TO GLA 59.

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS

UNDER GLA 410 BORNE SOLELY BY EPPC.

SUBJECT TO GLA 59.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
			OWNERSHIP	TRACT:		
SF-080711	30N 6W	280.00		TRACT: 012		2.149257
	SEC. 19 SW/4 SW/4, NW/4, N/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000
			TOTAL			
				TRACT: 015		1.535183
	30N 6W	200.00	ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000
SF-080712	30N 6W	525.40		TRACT: 018		4.032927
	SEC. 12 LOTS 4-5, NW/4, E/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES EL PASO PRODUCTION CO MERIDIAN OIL PRODUCTION		3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	3.500000 12.500000 32.955000 41.750000 9.295000 100.000000
	SEC. 13 LOTS 1-4, W/2 E/2		TOTAL			
				TRACT: 020		5.526660
	30N 6W	720.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000 72.187500 100.000000	15.312500 12.500000 72.187500 100.000000
SF-080713-B	30N 6W					
	SEC. 14 W/2					
	SEC. 15 S/2, S/2 NW/4					
			TOTAL			

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
			OWNERSHIP	TRACT:		
SF-080714	30N 6W	480.20	ORRI:	TRACT: 021	3.500000	3.685975
	SEC. 11	LOTS 1 - 8, N/2	ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		12.500000	12.500000
			TOTAL		41.750000	41.750000
					32.955000	32.955000
					9.295000	9.295000
					100.000000	100.000000

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNER WI BURDENED BY 3.0% ORRI.

SF-080714-A	30N 6W	742.65	TRACT: 022	15.312500	5.700519
	SEC. 10	LOTS 1 - 5,		12.500000	
	SEC. 15	N/2, W/2 SW/4 LOT 1,2,NE/NE, S/2 NE/4, NW/NW		72.187500	
		TOTAL		100.000000	

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00	TRACT: 024	5.000000	0.614074
	SEC. 18	N/2 NW/4		12.500000	
		WORKING INTEREST: NORTHWEST PIPELINE CORP		82.500000	
		TOTAL		100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL PARTICIPATION
NM-03385	30N 6W ----- SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4	1,200.00	ORRI: ROYALTY: WORKING INTEREST: ARCO TOTAL	TRACT: 025	3.000000 12.500000 84.500000 ----- 100.000000	3.000000 12.500000 84.500000 ----- 100.000000	9.211100 ----- ----- ----- ----- -----
NM-03403	30N 6W ----- SEC. 7 S/2 SEC. 8 SW/4	480.00	ORRI: ROYALTY: WORKING INTEREST: ARCO TOTAL	TRACT: 026	3.000000 12.500000 84.500000 ----- 100.000000	3.000000 12.500000 84.500000 ----- 100.000000	3.684440 ----- ----- ----- ----- -----
NM-06283	30N 6W ----- SEC. 11 A PORTION OF TR 39 SEC. 12 A PORTION OF TR 39	160.10	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION TOTAL	TRACT: 031	3.500000 12.500000 41.750000 32.955000 9.295000 ----- 100.000000	3.500000 12.500000 41.750000 32.955000 9.295000 ----- 100.000000	1.228914 ----- ----- ----- ----- ----- ----- -----
J.C. GOMEZ	30N 6W ----- SEC. 10 A PORTION OF TR 38 SEC. 11 A PORTION OF TR 38 SEC. 15 A PORTION OF TR 38	159.41	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO PWG PARTNERSHIP PARTNERSHIP PROPERTIES PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO	TRACT: 052	15.312500 12.500000 30.937500 13.750000 13.750000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500	15.312500 12.500000 30.937500 13.750000 13.750000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500	1.223618 ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- -----

EFFECTIVE 88/10/01

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

RUN DATE 04/04/90
RUN TIME 15:37:16

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE		PERCENT ACTUAL	
					COMMITTED	PARTICIPATION	COMMITTED	PARTICIPATION
A. GOMEZ	30N 6W	40.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTON	TRACT: 054	4.152500	4.152500	5.000000	0.307037
	SEC. 19 SE/4 SW/4				0.783750	0.783750	12.500000	-----
					55.000000	55.000000	55.000000	-----
					27.500000	27.500000	27.500000	-----
					100.000000	100.000000	100.000000	-----
A. GOMEZ	30N 6W	40.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTON	TRACT: 055	5.000000	5.000000	5.000000	0.307036
	SEC. 20 SW/4 SE/4				12.500000	12.500000	12.500000	-----
					55.000000	55.000000	55.000000	-----
					27.500000	27.500000	27.500000	-----
					100.000000	100.000000	100.000000	-----
A. GOMEZ	30N 6W	80.00	ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP	TRACT: 057	3.000000	3.000000	3.000000	0.614074
	SEC. 20 E/2 NE/4				12.500000	12.500000	12.500000	-----
					84.500000	84.500000	84.500000	-----
					100.000000	100.000000	100.000000	-----

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

TOWNSHIP 30N	RANGE 6W		
SECTION 10	: A PORTION OF	TR 38	
SECTION 10	: LOTS 1 - 5,	N/2, W/2 SW/4	
SECTION 11	: LOTS 1 - 8,	N/2	
SECTION 11	: A PORTION OF	TR 38	
SECTION 11	: A PORTION OF	TR 39	
SECTION 12	: A PORTION OF	TR 39	
SECTION 12	: LOTS 4.5, NW/4,	E/2 SW/4	
SECTION 13	: LOTS 1-4,	W/2 E/2	
SECTION 14	: W/2		
SECTION 15	: S/2, S/2 NW/4		
SECTION 15	: A PORTION OF	TR 38	
SECTION 15	: LOT 1.2, NE/NE,	S/2 NE/4, NW/NW	
SECTION 17	: ALL		
SECTION 18	: E/2, SW/4,	S/2 NW/4	
SECTION 18	: N/2 NW/4		
SECTION 19	: SE/4 SW/4		
SECTION 19	: SW/4 SW/4,	NW/4, N/2 SW/4	
SECTION 20	: W/2 NE, SE/SE,	N/2 SE	
SECTION 20	: E/2 NE/4		
SECTION 20	: SW/4 SE/4		
SECTION 7	: S/2		
SECTION 7	: N/2		
SECTION 8	: E/2, NW/4		
SECTION 8	: SW/4		
TOWNSHIP 30N	RANGE 7W		
SECTION 11	: E/2		
SECTION 12	: E/2		
SECTION 12	: W/2		
SECTION 13	: E/2		
SECTION 13	: W/2		
SECTION 14	: W/2		
SECTION 14	: E/2		
SECTION 15	: W/2		
SECTION 15	: E/2		
SECTION 23	: ALL		
SECTION 24	: ALL		
SECTION 25	: ALL		
SECTION 26	: ALL		
SECTION 27	: E/2		
SECTION 34	: ALL		
SECTION 35	: ALL		
TOTAL COMMITTED:		13,027.76	

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 13,027.76

TOTAL ACRES NON-COMMITTED: 0.00

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RUN DATE 04/04/90
RUN TIME 15:37:16
EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA
PAGE 1
FED530AP-A

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	960.00	ORRI:	TRACT: 002	3.500000	3.500000	6.908840
	SEC. 12 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 13 W/2		WORKING INTEREST:				
	SEC. 14 W/2		EL PASO PRODUCTION CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
NM-012293	30N 7W	960.00	ORRI:	TRACT: 003	2.500000	2.500000	6.908841
	SEC. 12 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 13 E/2		WORKING INTEREST:				
	SEC. 14 E/2		CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			TOTAL		100.000000	100.000000	
NM-012694	30N 7W	320.00	ORRI:	TRACT: 004	2.500000	2.500000	2.302947
	SEC. 15 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			TOTAL		100.000000	100.000000	
NM-012710	30N 7W	640.00	ORRI:	TRACT: 005	3.500000	3.500000	4.605894
	SEC. 11 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 15 W/2		WORKING INTEREST:				
			EL PASO PRODUCTION CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
SF-079002	30N 6W	800.00	ORRI:	TRACT: 006	15.312500	15.312500	5.757367
	SEC. 7 N/2		ROYALTY:		12.500000	12.500000	
	SEC. 8 E/2, NW/4		WORKING INTEREST:				
			EL PASO PRODUCTION CO		72.187500	72.187500	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/11/01

RUN DATE 04/04/90
RUN TIME 15:37:16

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079382	30N 7W	1,920.00	TRACT: 009		11.875002	11.875002	13.817681
	SEC. 23 ALL		ORRI:		12.500000	12.500000	
	SEC. 24 ALL		ROYALTY:				
	SEC. 25 ALL		WORKING INTEREST:				
			EL PASO PRODUCTION CO		61.875000	61.875000	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			JAMES M RAYMOND		0.572916	0.572916	
			MAYDELL MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-079383	30N 7W	2,240.00	TRACT: 010		11.875002	11.875002	16.120629
	SEC. 26 ALL		ORRI:		12.500000	12.500000	
	SEC. 27 E/2		ROYALTY:				
	SEC. 34 ALL		WORKING INTEREST:				
	SEC. 35 ALL		EL PASO PRODUCTION CO		61.875000	61.875000	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			JAMES M RAYMOND		0.572916	0.572916	
			MAYDELL MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL
SF-080711	30N 6W SEC. 19 N/2, N/2 S/2, SW/4 SW/4	520.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 012	3.000000 12.500000 84.500000 100.000000	3.742288	---
SF-080712	30N 6W SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE	440.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 015	3.000000 12.500000 84.500000 100.000000	3.166552	---
SF-080713	30N 6W SEC. 12 LOTS 1-6, NW/4, E/2 SW, W/2 E/2 SEC. 13 LOTS 1 - 4, W/2 E/2	752.88	ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES EL PASO PRODUCTION CO MERIDIAN OIL PRODUCTION	TRACT: 018	3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	5.418259	---
SF-080713-B	30N 6W SEC. 14 W/2 SEC. 15 S/2, S/2 NW/4	720.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO	TRACT: 020	15.312500 12.500000 72.187500 100.000000	5.181630	---

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714	30N 6W	480.20	ORRI:	TRACT: 021	3.500000	3.500000	3.455860
	SEC. 11	LOTS 1 - 8, N/2	ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		41.750000	41.750000	
			GLOBAL NATURAL RESOURCES		32.955000	32.955000	
			MERIDIAN OIL PRODUCTION		9.295000	9.295000	
			TOTAL		100.000000	100.000000	
SF-080714-A	30N 6W	742.65	ORRI:	TRACT: 022	15.312500	15.312500	5.344636
	SEC. 10	LOTS 1 - 5,	ROYALTY:		12.500000	12.500000	
	N/2, W/2 SW/4		WORKING INTEREST:				
	SEC. 15	LOT 1,2,NE/NE, S/2 NE, NW/NW	EL PASO PRODUCTION CO		72.187500	72.187500	
			TOTAL		100.000000	100.000000	
NW-03384	30N 6W	80.00	ORRI:	TRACT: 024	5.000000	5.000000	0.575737
	SEC. 18	N/2 NW/4	ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			NORTHWEST PIPELINE CORP		82.500000	82.500000	
			TOTAL		100.000000	100.000000	

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

RUN DATE 04/04/90
RUN TIME 15:37:17

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL PARTICIPATION
NM-03385	30N 6W SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4	1,200.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 025	3.000000 12.500000 84.500000 100.000000	8.636051	-----
			TOTAL				
NM-03403	30N 6W SEC. 7 S/2 SEC. 8 SW/4	480.00	ORRI: ROYALTY: WORKING INTEREST: ARCO	TRACT: 026	3.000000 12.500000 84.500000 100.000000	3.454420	-----
			TOTAL				
NM-06283	30N 6W SEC. 11 A PORTION OF TR 39 SEC. 12 A PORTION OF TR 39	160.10	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION	TRACT: 031	3.500000 12.500000 41.750000 32.955000 9.295000 100.000000	1.152193	-----
			TOTAL				

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNER WI BURDENED BY 3.5% ORRI.

J.C. GOMEZ	30N 6W SEC. 10 A PORTION OF TR 38 SEC. 11 A PORTION OF TR 38 SEC. 15 A PORTION OF TR 38	159.41	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO PWG PARTNERSHIP PARTNERSHIP PROPERTIES PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO	TRACT: 052	15.312500 12.500000 30.937500 13.750000 13.750000 0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500	1.147228	-----
			TOTAL				

EFFECTIVE 88/11/01

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REMARKS:

EFFECTIVE 88/11/01

RUN DATE 04/04/90
RUN TIME 15:37:30

EL PASO NATURAL GAS

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SCHEDULE XII

R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W	
SECTION 10 : A PORTION OF	TR 38
SECTION 10 : LOTS 1 - 5,	N/2, W/2 SW/4
SECTION 11 : A PORTION OF	TR 39
SECTION 11 : A PORTION OF	TR 38
SECTION 11 : LOTS 1 - 8,	N/2
SECTION 12 : LOTS 1-6,NW/4,	E/2 SW, W/2 E/2
SECTION 12 : A PORTION OF	TR 39
SECTION 13 : LOTS 1 - 4,	W/2 E/2
SECTION 14 : W/2	
SECTION 15 : S/2, S/2 NW/4	
SECTION 15 : A PORTION OF	TR 38
SECTION 15 : LOT 1,2,NE/NE,	S/2 NE, NW/NW
SECTION 17 : ALL	
SECTION 18 : N/2 NW/4	
SECTION 18 : E/2, SW/4,	S/2 NW/4
SECTION 19 : S/2 SE, SE/SW	
SECTION 19 : N/2, N/2 S/2,	SW/4 SW/4
SECTION 20 : W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 20 : SW/SW	
SECTION 20 : E/2 NE/4	
SECTION 20 : SW/SE, SE/SW	
SECTION 7 : S/2	
SECTION 7 : N/2	
SECTION 8 : E/2, NW/4	
SECTION 8 : SW/4	
TOWNSHIP 30N , RANGE 7W	
SECTION 11 : E/2	
SECTION 12 : E/2	
SECTION 12 : W/2	
SECTION 13 : E/2	
SECTION 13 : W/2	
SECTION 14 : W/2	
SECTION 15 : E/2	
SECTION 15 : E/2	
SECTION 23 : ALL	
SECTION 24 : ALL	
SECTION 25 : ALL	
SECTION 26 : ALL	
SECTION 27 : E/2	
SECTION 34 : ALL	
SECTION 35 : ALL	
TOTAL COMMITTED:	

13,895.24

TOTAL ACRES NON-COMMITTED:

0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 13,895.24

RUN DATE 04/03/90
RUN TIME 11:31:18

EL PASO NATURAL GAS
SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N 7W		960.00		TRACT: 002			6.462366
SEC. 12 E/2			ORRI:		3.500000	3.500000	
SEC. 13 W/2			ROYALTY:		12.500000	12.500000	
SEC. 14 W/2			WORKING INTEREST:				
			EL PASO PRODUCTION CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
NM-012293							
30N 7W		960.00		TRACT: 003			6.462366
SEC. 12 W/2			ORRI:		2.500000	2.500000	
SEC. 13 E/2			ROYALTY:		12.500000	12.500000	
SEC. 14 E/2			WORKING INTEREST:				
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			TOTAL		100.000000	100.000000	
NM-012694							
30N 7W		320.00		TRACT: 004			2.154122
SEC. 15 E/2			ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION COMPANY		42.500000	42.500000	
			TOTAL		100.000000	100.000000	
NM-012710							
30N 7W		640.00		TRACT: 005			4.308244
SEC. 11 E/2			ORRI:		3.500000	3.500000	
SEC. 15 W/2			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
SF-079002							
30N 6W		800.00		TRACT: 006			5.385305
SEC. 7 N/2			ORRI:		15.312500	15.312500	
SEC. 8 E/2, NW/4			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		72.187500	72.187500	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 89/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION

F-079074	30N 7W	160.00	TRACT: 008				1.077061
	SEC. 22 W/2 E/2		ORRI:				-----
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			T H MCELVAIN OIL AND		87.500000	87.500000	
			TOTAL		-----	-----	
					100.000000	100.000000	

SF-079382	30N 7W	2.080.00	TRACT: 009				14.001793
	SEC. 22 E/2 E/2		ORRI:		11.875002	11.875002	-----
	SEC. 23 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 24 ALL		WORKING INTEREST:				
	SEC. 25 ALL		EL PASO PRODUCTION CO		61.875000	61.875000	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			JAMES M RAYMOND		0.572916	0.572916	
			MAYDELL MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		-----	-----	
					100.000000	100.000000	

SF-079383	30N 7W	2.240.00	TRACT: 010				15.078855
	SEC. 26 ALL		ORRI:		11.875002	11.875002	-----
	SEC. 27 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 34 ALL		WORKING INTEREST:				
	SEC. 35 ALL		EL PASO PRODUCTION CO		61.875000	61.875000	
			T H MCELVAIN OIL AND		6.875000	6.875000	
			JAMES M RAYMOND		0.572916	0.572916	
			MAYDELL MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		-----	-----	
					100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS

EFFECTIVE 89/01/01

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EFFECTIVE 89/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080713	30N 6W	752.88	ORRI:	TRACT: 018		5.068111
	SEC. 12		ROYALTY:		3.500000	
	E/2 SW, W/2 E/2		WORKING INTEREST:		12.500000	
	SEC. 13		GLOBAL NATURAL RESOURCES		32.955000	
	LOTS 1 - 4,		EL PASO PRODUCTION CO		41.750000	
	W/2 E/2		MERIDIAN OIL PRODUCTION		9.295000	
			TOTAL		100.000000	
REMARKS: EPPC WI BURDENED BY 3.5% ORRI. OTHER OWNERS WI BURDENED BY 3.0% ORRI.						
SF-080713-B	30N 6W	720.00	ORRI:	TRACT: 020		4.846774
	SEC. 14		ROYALTY:		15.312500	
	SEC. 15		WORKING INTEREST:		12.500000	
	S/2, S/2 NW/4		EL PASO PRODUCTION CO		72.187500	
			TOTAL		100.000000	
REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.						
SF-080714	30N 6W	480.20	ORRI:	TRACT: 021		3.232530
	SEC. 11		ROYALTY:		3.500000	
	LOTS 1 - 8,		WORKING INTEREST:		12.500000	
	N/2		EL PASO PRODUCTION CO		41.750000	
			GLOBAL NATURAL RESOURCES		32.955000	
			MERIDIAN OIL PRODUCTION		9.295000	
			TOTAL		100.000000	
REMARKS: EPPC WI BURDENED BY 3.5% ORRI. OTHER OWNERS WI BURDENED BY 3.0% ORRI.						

RUN DATE 04/03/90
RUN TIME 11:31:21

EL PASO NATURAL GAS

SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022			4.999246
SEC. 10	LOTS 1 - 5, N/2, W/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000	15.312500 12.500000	
SEC. 15	LOT 1,2,NE/NE, S/2 NE, NW/NW				72.187500	72.187500	
			TOTAL		100.000000	100.000000	
REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							
NM-03384	30N 6W	80.00		TRACT: 024			0.538530
SEC. 18	N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP		5.000000 12.500000	5.000000 12.500000	
			TOTAL		82.500000 100.000000	82.500000 100.000000	
NM-03385	30N 6W	1,200.00		TRACT: 025			8.077958
SEC. 17	ALL		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000	3.000000 12.500000	
SEC. 18	E/2, SW/4, S/2 NW/4				84.500000	84.500000	
			TOTAL		100.000000	100.000000	
NM-03403	30N 6W	480.00		TRACT: 026			3.231183
SEC. 7	S/2		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000	3.000000 12.500000	
SEC. 8	SW/4				84.500000	84.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL
448-06283	30N 6W	160.10	ORRI:	TRACT: 031				1.077734
			ROYALTY:			3.500000		
SEC. 11	A PORTION OF TR 39		WORKING INTEREST:			12.500000		
SEC. 12	A PORTION OF TR 39		EL PASO PRODUCTION CO			41.750000		
			GLOBAL NATURAL RESOURCES			32.955000		
			MERIDIAN OIL PRODUCTION			9.295000		
			TOTAL			100.000000		100.000000

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

J.C. GOMEZ	30N 6W	159.41	TRACT: 052					1.073089
			ORRI:			15.312500		
SEC. 10	A PORTION OF TR 38		ROYALTY:			12.500000		
SEC. 11	A PORTION OF TR 38		WORKING INTEREST:			30.937500		
SEC. 15	A PORTION OF TR 38		EL PASO PRODUCTION CO			13.750000		
			PWG PARTNERSHIP			13.750000		
			PARTNERSHIP PROPERTIES			0.316250		
			PRUDENTIAL BACHE ENERGY INCO			0.261250		
			PRUDENTIAL BACHE ENERGY INCO			0.756250		
			PRUDENTIAL BACHE ENERGY INCO			0.935000		
			PRUDENTIAL BACHE ENERGY INCO			1.485000		
			PRUDENTIAL BACHE ENERGY INCO			1.292500		
			PRUDENTIAL BACHE ENERGY INCO			3.767500		
			PRUDENTIAL BACHE ENERGY INCO			4.152500		
			PRUDENTIAL BACHE ENERGY PROD			0.783750		
			TOTAL			100.000000		100.000000

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SERIAL NUMBER		DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
A. GOMEZ		30N 6W	160.00		TRACT: 054		1.077061
		SEC. 19 S/2 SE, SE/SW		ORRI:		5.000000	5.000000
		SEC. 20 SW/SW		ROYALTY:		12.500000	12.500000
				WORKING INTEREST:		55.000000	55.000000
				EL PASO PRODUCTION CO		27.500000	27.500000
				THOMAS H & NANCY L HARRINGTON		100.000000	100.000000
				TOTAL			
A. GOMEZ		30N 6W	80.00		TRACT: 055		0.538531
		SEC. 20 SW/SE, SE/SW		ORRI:		5.000000	5.000000
				ROYALTY:		12.500000	12.500000
				WORKING INTEREST:		55.000000	55.000000
				EL PASO PRODUCTION CO		27.500000	27.500000
				THOMAS H & NANCY L HARRINGTON		100.000000	100.000000
				TOTAL			
A. GOMEZ		30N 6W	80.00		TRACT: 057		0.538531
		SEC. 20 E/2 NE/4		ORRI:		3.000000	3.000000
				ROYALTY:		12.500000	12.500000
				WORKING INTEREST:		84.500000	84.500000
				NORTHWEST PIPELINE CORP		100.000000	100.000000
				TOTAL			

EFFECTIVE 89/01/01

RUN DATE 04/03/90
RUN TIME 11:31:28

EL PASO NATURAL GAS

SCHEDULE XIII

RECAPITULATION

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N	RANGE 6W	
SECTION 7	: N/2	
SECTION 8	: E/2, NW/4	
SECTION 10	: LOTS 1 - 5,	N/2, W/2 SW/4
SECTION 10	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 11	: LOTS 1 - 8,	N/2
SECTION 12	: A PORTION OF	TR 39
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13	: LOTS 1 - 4,	W/2 E/2
SECTION 14	: W/2	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: LOT 1-2, NE/NE,	S/2 NE, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 17	: ALL	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 18	: N/2 NW/4	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 19	: S/2 SE, SE/SW	
SECTION 20	: SW/SW	
SECTION 20	: SW/SE, SE/SW	
SECTION 20	: E/2 NE/4	
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 30	: E/2	
SECTION 31	: E/2	
SECTION 7	: S/2	
SECTION 8	: SW/4	
TOWNSHIP 30N	RANGE 7W	
SECTION 11	: E/2	
SECTION 12	: W/2	
SECTION 12	: E/2	
SECTION 13	: W/2	
SECTION 13	: E/2	
SECTION 14	: E/2	
SECTION 14	: W/2	
SECTION 15	: E/2	
SECTION 15	: W/2	
SECTION 22	: W/2 E/2	
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 34	: ALL	
SECTION 35	: ALL	
TOTAL COMMITTED:		14,855.24

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 14,855.24

TOTAL ACRES NON-COMMITTED: 0.00

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT PARTICIPATION	ACTUAL
NM-012573	30N 7W	960.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 002			6.363735	
	SEC. 12 E/2				3.500000	3.500000		
	SEC. 13 W/2				12.500000	12.500000		
	SEC. 14 W/2				84.000000	84.000000		
					100.000000	100.000000		
NM-012593	30N 7W	960.00	ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY TOTAL	TRACT: 003			6.363735	
	SEC. 12 W/2				2.500000	2.500000		
	SEC. 13 E/2				12.500000	12.500000		
	SEC. 14 E/2				42.500000	42.500000		
					42.500000	42.500000		
NM-012694	30N 7W	320.00	ORRI: ROYALTY: WORKING INTEREST: CONOCO INC AMOCO PRODUCTION COMPANY TOTAL	TRACT: 004			2.121245	
	SEC. 15 E/2				2.500000	2.500000		
					12.500000	12.500000		
					42.500000	42.500000		
					42.500000	42.500000		
NM-012710	30N 7W	640.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 005			4.242490	
	SEC. 11 E/2				3.500000	3.500000		
	SEC. 15 W/2				12.500000	12.500000		
					84.000000	84.000000		
					100.000000	100.000000		
SF-079002	30N 6W	800.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 006			5.303113	
	SEC. 7 N/2				15.312500	15.312500		
	SEC. 8 E/2, NW/4				12.500000	12.500000		
					72.187500	72.187500		
					100.000000	100.000000		

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
SF-079074	30N 7W	160.00	ORRI:	TRACT: 008			1.060622
	SEC. 22 W/2 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			T H MCELVAIN OIL AND		87.500000	87.500000	
			TOTAL		100.000000	100.000000	
SF-079382	30N 7W	2,080.00	ORRI:	TRACT: 009			13.788093
	SEC. 22 E/2 E/2		ROYALTY:		11.875002	11.875002	
	SEC. 23 ALL		WORKING INTEREST:		12.500000	12.500000	
	SEC. 24 ALL		EL PASO PRODUCTION CO				
	SEC. 25 ALL		T H MCELVAIN OIL AND		61.875000	61.875000	
			JAMES M RAYMOND		6.875000	6.875000	
			MAYDELL MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		0.572916	0.572916	
			TOTAL		5.156250	5.156250	
					100.000000	100.000000	
SF-079383	30N 7W	2,240.00	ORRI:	TRACT: 010			14.848716
	SEC. 26 ALL		ROYALTY:		11.875002	11.875002	
	SEC. 27 E/2		WORKING INTEREST:		12.500000	12.500000	
	SEC. 34 ALL		EL PASO PRODUCTION CO				
	SEC. 35 ALL		T H MCELVAIN OIL AND		61.875000	61.875000	
			JAMES M RAYMOND		6.875000	6.875000	
			MAYDELL MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		0.572916	0.572916	
			TOTAL		5.156250	5.156250	
					100.000000	100.000000	

REMARKS: ORRI INCLUDES 6.875% NPI TO PHILLIPS

EFFECTIVE 89/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT PARTICIPATION
SF-080180-A	30N 6W SEC. 31 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	TRACT: 011	25.625000 12.500000 61.875000 100.000000	2.121245 ----- ----- -----
REMARKS: ORRI INCLUDES 20.625% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC.						
SF-080711	30N 6W SEC. 19 N/2, N/2 S/2, SW/4 SW/4	520.00	ORRI: ROYALTY: WORKING INTEREST: ARCO TOTAL	TRACT: 012	3.000000 12.500000 84.500000 100.000000	3.447023 ----- ----- -----
SF-080712	30N 6W SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE	440.00	ORRI: ROYALTY: WORKING INTEREST: ARCO TOTAL	TRACT: 015	3.000000 12.500000 84.500000 100.000000	2.916712 ----- ----- -----
SF-080712	30N 6W SEC. 30 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: ANNA LOU HOME AMOCO PRODUCTION COMPANY CONOCO INC ANN HOME EMERSON TR TERESA HOME MERIDIAN OIL PRODUCTION TOTAL	TRACT: 016	12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000 100.000000	2.121245 ----- ----- ----- ----- ----- ----- ----- -----

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENT PARTICIPATION
			OWNERSHIP	TRACT:		
SF-080713	30N 6W	752.88	TRACT: 018			
	ORRI:				3.500000	4.990759
	ROYALTY:				12.500000	
	WORKING INTEREST:					
	GLOBAL NATURAL RESOURCES				32.955000	
	EL PASO PRODUCTION CO				41.750000	
	MERIDIAN OIL PRODUCTION				9.295000	
	TOTAL				100.000000	

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-B	30N 6W	720.00	TRACT: 020			4.772802
	ORRI:				15.312500	
	ROYALTY:				12.500000	
	WORKING INTEREST:					
	EL PASO PRODUCTION CO				72.187500	
	TOTAL				100.000000	

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.20	TRACT: 021			3.183193
	ORRI:				3.500000	
	ROYALTY:				12.500000	
	WORKING INTEREST:					
	EL PASO PRODUCTION CO				41.750000	
	GLOBAL NATURAL RESOURCES				32.955000	
	MERIDIAN OIL PRODUCTION				9.295000	
	TOTAL				100.000000	

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

RUN DATE 04/04/90
RUN TIME 15:37:23

EL PASO NATURAL GAS
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65	ORRI:	TRACT: 022	15.312500	15.312500	4.922946
	SEC. 10 LOTS 1 - 5, N/2, W/2 SW		ROYALTY:		12.500000	12.500000	
	SEC. 15 LOT 1,2,NE/NE, S/2 NE, NW/NW		WORKING INTEREST: EL PASO PRODUCTION CO		72.187500	72.187500	
			TOTAL		100.000000	100.000000	
REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							
NM-03384	30N 6W	80.00	ORRI:	TRACT: 024	5.000000	5.000000	0.530311
	SEC. 18 N/2 NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST: NORTHWEST PIPELINE CORP		82.500000	82.500000	
			TOTAL		100.000000	100.000000	
NM-03385	30N 6W	1,200.00	ORRI:	TRACT: 025	3.000000	3.000000	7.954669
	SEC. 17 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 18 E/2, SW/4, S/2 NW/4		WORKING INTEREST: ARCO		84.500000	84.500000	
			TOTAL		100.000000	100.000000	
NM-03403	30N 6W	480.00	ORRI:	TRACT: 026	3.000000	3.000000	3.181868
	SEC. 7 S/2		ROYALTY:		12.500000	12.500000	
	SEC. 8 SW/4		WORKING INTEREST: ARCO		84.500000	84.500000	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-06283	30N 6W	160.10	ORRI:	TRACT: 031		1.061285
	SEC. 11 A PORTION OF TR 39		ROYALTY:		3.500000	3.500000
	SEC. 12 A PORTION OF TR 39		WORKING INTEREST:		12.500000	12.500000
			EL PASO PRODUCTION CO		41.750000	41.750000
			GLOBAL NATURAL RESOURCES		32.955000	32.955000
			MERIDIAN OIL PRODUCTION		9.295000	9.295000
			TOTAL		100.000000	100.000000
E-347-20	30N 6W	230.24	ORRI:	TRACT: 039		1.526236
	SEC. 36 LOTS 1 - 4, W/2 E/2		ROYALTY:		21.875000	21.875000
			WORKING INTEREST:		12.500000	12.500000
			EL PASO PRODUCTION CO		65.625000	65.625000
			TOTAL		100.000000	100.000000
J.C. GOMEZ	30N 6W	159.41	ORRI:	TRACT: 052		1.056711
	SEC. 10 A PORTION OF TR 38		ROYALTY:		15.312500	15.312500
	SEC. 11 A PORTION OF TR 38		WORKING INTEREST:		12.500000	12.500000
	SEC. 15 A PORTION OF TR 38		EL PASO PRODUCTION CO		30.937500	30.937500
			PWG PARTNERSHIP		13.750000	13.750000
			PARTNERSHIP PROPERTIES		13.750000	13.750000
			PRUDENTIAL BACHE ENERGY INCO		0.316250	0.316250
			PRUDENTIAL BACHE ENERGY INCO		0.261250	0.261250
			PRUDENTIAL BACHE ENERGY INCO		0.756250	0.756250
			PRUDENTIAL BACHE ENERGY INCO		0.935000	0.935000
			PRUDENTIAL BACHE ENERGY INCO		1.485000	1.485000
			PRUDENTIAL BACHE ENERGY INCO		1.292500	1.292500
			PRUDENTIAL BACHE ENERGY INCO		3.767500	3.767500
			PRUDENTIAL BACHE ENERGY INCO		4.152500	4.152500
			PRUDENTIAL BACHE ENERGY PROD		0.783750	0.783750
			TOTAL		100.000000	100.000000

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
A. GOMEZ	30N 6W SEC. 19 S/2 SE, SE/SW SEC. 20 SW/SW	160.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTON TOTAL	TRACT: 054	5.000000 12.500000 55.000000 27.500000 100.000000	5.000000 12.500000 55.000000 27.500000 100.000000	1.060623 -----
A. GOMEZ	30N 6W SEC. 20 SW/SE, SE/SW	80.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO THOMAS H & NANCY L HARRINGTON TOTAL	TRACT: 055	5.000000 12.500000 55.000000 27.500000 100.000000	5.000000 12.500000 55.000000 27.500000 100.000000	0.530311 -----
A. GOMEZ	30N 6W SEC. 20 E/2 NE/4	80.00	ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP TOTAL	TRACT: 057	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	0.530312 -----

RUN DATE 04/04/90
RUN TIME 15:37:30

EL PASO NATURAL GAS
SCHEDULE XIV

RECAPITULATION

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N	RANGE 6W	
SECTION 7	: N/2	
SECTION 8	: E/2, NW/4	
SECTION 9	: LOTS 1 - 5,	N/2, W/2 SW
SECTION 10	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 11	: LOTS 1 - 8,	N/2
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 12	: A PORTION OF	TR 39
SECTION 13	: LOTS 1 - 4,	W/2 E/2
SECTION 14	: W/2	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: LOT 1,2, NE/NE,	S/2 NE, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 17	: ALL	
SECTION 18	: N/2 NW/4	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 19	: S/2 SE, SE/SW	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 20	: SW/SW	
SECTION 20	: E/2 NE/4	
SECTION 20	: SW/SE, SE/SW	
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 30	: E/2	
SECTION 31	: E/2	
SECTION 36	: LOTS 1 - 4,	W/2 E/2
SECTION 7	: S/2	
SECTION 8	: SW/4	
TOWNSHIP 30N	RANGE 7W	
SECTION 11	: E/2	
SECTION 12	: W/2	
SECTION 12	: E/2	
SECTION 13	: E/2	
SECTION 13	: W/2	
SECTION 14	: W/2	
SECTION 14	: E/2	
SECTION 15	: W/2	
SECTION 15	: E/2	
SECTION 22	: W/2 E/2	
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 34	: ALL	
SECTION 35	: ALL	
TOTAL COMMITTED:		

0.00

TOTAL ACRES NON-COMMITTED:

15,085.48

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 15,085.48

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FED530AP-A

REMARKS:

EFFECTIVE 89/08/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079074	30N 7W	160.00	ORRI:	TRACT: 008		1.017457
SEC. 22	W/2 E/2		ROYALTY:		12.500000	
			WORKING INTEREST:		87.500000	
			T H MCELVAIN OIL AND		100.000000	
			TOTAL			
SF-079382	30N 7W	2,080.00	ORRI:	TRACT: 009		13.226941
SEC. 23	ALL		ROYALTY:		11.875002	
SEC. 24	ALL		WORKING INTEREST:		12.500000	
SEC. 25	ALL		EL PASO PRODUCTION CO		61.875000	
SEC. 22	E/2 E/2		T H MCELVAIN OIL AND		6.875000	
			JAMES M RAYMOND		0.572916	
			MAYDELL MILLER MAST TRUST		0.572916	
			CORINNE MILLER GAY TRUST		0.572916	
			JAMES M RAYMOND		5.156250	
			TOTAL		100.000000	
SF-079383	30N 7W	2,240.00	ORRI:	TRACT: 010		14.244398
SEC. 26	ALL		ROYALTY:		11.875002	
SEC. 35	ALL		WORKING INTEREST:		12.500000	
SEC. 27	E/2		EL PASO PRODUCTION CO		61.875000	
SEC. 34	ALL		T H MCELVAIN OIL AND		6.875000	
			JAMES M RAYMOND		0.572916	
			MAYDELL MILLER MAST TRUST		0.572916	
			CORINNE MILLER GAY TRUST		0.572916	
			JAMES M RAYMOND		5.156250	
			TOTAL		100.000000	

REMARKS: ORRI INCLUDES 6.875% NPI TO PHILLIPS

EFFECTIVE 89/08/01

RUN DATE 04/04/90
RUN TIME 15:37:40

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.						
SF-080180-A	30N 6W	320.00	TRACT: 011			2.034915
SEC. 31	E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO TOTAL	25.625000 12.500000 61.875000 100.000000	25.625000 12.500000 61.875000 100.000000	----- ----- ----- -----
REMARKS: ORRI INCLUDES 20.625% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC.						
SF-080711	30N 6W	520.00	TRACT: 012			3.306735
SEC. 19	N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO TOTAL	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	----- ----- ----- -----
SF-080712	30N 6W	440.00	TRACT: 015			2.798007
SEC. 20	W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO TOTAL	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	----- ----- ----- -----
SF-080712	30N 6W	320.00	TRACT: 016			2.034914
SEC. 30	E/2		ORRI: ROYALTY: WORKING INTEREST: ANNA LOU HOME AMOCO PRODUCTION COMPANY CONOCO INC ANN HOME EMERSON TR TERESA HOME MERIDIAN OIL PRODUCTION TOTAL	12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000 100.000000	12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000 100.000000	----- ----- ----- ----- ----- ----- ----- ----- -----

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
			OWNERSHIP	TRACT		
SF-080713	30N 6W	912.88	ORRI:	TRACT: 018		5.805101
			ROYALTY:		3.500000	
			WORKING INTEREST:		12.500000	
			GLOBAL NATURAL RESOURCES			
			EL PASO PRODUCTION CO			
			MERIDIAN OIL PRODUCTION			
			TOTAL		100.000000	

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF-080713-B	30N 6W	1,040.00	TRACT: 020			6.613470
			ORRI:		15.312500	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		72.187500	
			TOTAL		100.000000	

REMARKS: ORRI INCLUDES 10.3125% NP1 TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.20	TRACT: 021			3.053643
			ORRI:		3.500000	
			ROYALTY:		12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO		41.750000	
			GLOBAL NATURAL RESOURCES		32.955000	
			MERIDIAN OIL PRODUCTION		9.295000	
			TOTAL		100.000000	

REMARKS: EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022		4.722591
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000	15.312500 12.500000
	SEC. 15 LOTS 1,2,NE/NE, S/2 NE, NW/NW				72.187500	72.187500
			TOTAL		100.000000	100.000000
REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.						
NM-03384	30N 6W	80.00		TRACT: 024		0.508728
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP		5.000000 12.500000	5.000000 12.500000
			TOTAL		82.500000 100.000000	82.500000 100.000000
NM-03385	30N 6W	1,200.00		TRACT: 025		7.630928
	SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000	3.000000 12.500000
			TOTAL		84.500000 100.000000	84.500000 100.000000
NM-03403	30N 6W	480.00		TRACT: 026		3.052371
	SEC. 7 S/2 SEC. 8 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO		3.000000 12.500000	3.000000 12.500000
			TOTAL		84.500000 100.000000	84.500000 100.000000

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
			OWNERSHIP	TRACT:		
NM-06283	30N 6W	160.10	ORRI:	TRACT: 031		1.018093
	SEC. 12 A PORTION OF TR 39		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		3.500000 12.500000	3.500000 12.500000
	SEC. 11 A PORTION OF TR 39		GLOBAL NATURAL RESOURCES MERIDIAN OIL PRODUCTION		41.750000 32.955000 9.295000	41.750000 32.955000 9.295000
			TOTAL		100.000000	100.000000
REMARKS: EPPC WI BURDENED BY 3.5% ORRI. OTHER OWNERS WI BURDENED BY 3.0% ORRI.						
E-347-20	30N 6W	230.24	ORRI:	TRACT: 039		1.464120
	SEC. 36 LOTS 1 - 4, W/2 E/2		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		21.875000 12.500000	21.875000 12.500000
			TOTAL		65.625000 100.000000	65.625000 100.000000
J.C. GOMEZ	30N 6W	159.41	ORRI:	TRACT: 052		1.013705
	SEC. 10 A PORTION OF TR 38		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO		15.312500 12.500000	15.312500 12.500000
	SEC. 11 A PORTION OF TR 38		PWG PARTNERSHIP		30.937500 13.750000 13.750000	30.937500 13.750000 13.750000
	SEC. 15 A PORTION OF TR 38		PARTNERSHIP PROPERTIES		0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500 4.152500 0.783750	0.316250 0.261250 0.756250 0.935000 1.485000 1.292500 3.767500 4.152500 0.783750
			PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY INCO PRUDENTIAL BACHE ENERGY PROD		100.000000	100.000000
			TOTAL		100.000000	100.000000

REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE	30N 6W	160.00	ORRI:	TRACT: 053			1.017457
	SEC. 13 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		87.500000	87.500000	
			NORTHWEST PIPELINE CORP		100.000000	100.000000	
A. GOMEZ	30N 6W	160.00	ORRI:	TRACT: 054			1.017457
	SEC. 19 S/2 SE, SE/SW		ROYALTY:		5.000000	5.000000	
	SEC. 20 SW/SW		WORKING INTEREST:		12.500000	12.500000	
			EL PASO PRODUCTION CO		55.000000	55.000000	
A. GOMEZ	30N 6W	80.00	ORRI:	TRACT: 055			0.508729
	SEC. 20 SW/SE, SE/SW		ROYALTY:		5.000000	5.000000	
			WORKING INTEREST:		12.500000	12.500000	
			EL PASO PRODUCTION CO		55.000000	55.000000	
A. GOMEZ	30N 6W	80.00	ORRI:	TRACT: 057			0.508729
	SEC. 20 E/2 NE/4		ROYALTY:		3.000000	3.000000	
			WORKING INTEREST:		12.500000	12.500000	
			NORTHWEST PIPELINE CORP		84.500000	84.500000	

TOWNSHIP 30N	RANGE 6W	
SECTION 10	: A PORTION OF	TR 38
SECTION 10	: LOTS 1-5, N/2,	W/2 SW/4
SECTION 11	: LOTS 1-8, N/2	
SECTION 11	: A PORTION OF	TR 39
SECTION 11	: A PORTION OF	TR 38
SECTION 12	: A PORTION OF	TR 39
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW, W/2 E/2
SECTION 13	: LOTS 1 - 4,	W/2 E/2, NW/4
SECTION 13	: SW/4	
SECTION 14	: ALL	
SECTION 15	: S/2, S/2 NW/4	
SECTION 15	: LOTS 1,2,NE/NE,	S/2 NE, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 17	: ALL	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 18	: N/2 NW/4	
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4
SECTION 19	: S/2 SE, SE/SW	
SECTION 20	: SW/SW	
SECTION 20	: SW/SE, SE/SW	
SECTION 20	: E/2 NE/4	
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE
SECTION 30	: E/2	
SECTION 31	: E/2	
SECTION 36	: LOTS 1 - 4,	W/2 E/2
SECTION 7	: S/2	
SECTION 7	: N/2	
SECTION 8	: E/2, NW/4	
SECTION 8	: SW/4	
TOWNSHIP 30N	RANGE 7W	
SECTION 11	: E/2	
SECTION 12	: E/2	
SECTION 12	: W/2	
SECTION 13	: E/2	
SECTION 13	: W/2	
SECTION 14	: W/2	
SECTION 14	: E/2	
SECTION 15	: E/2	
SECTION 15	: W/2	
SECTION 22	: W/2 E/2	
SECTION 22	: E/2 E/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 34	: ALL	
SECTION 35	: ALL	
TOTAL COMMITTED:		

Shore The 14th Expansion
of Fruitland Sand Formation

15,725.48

TOTAL ACRES NON-COMMITTED: 0.00

15,725.48

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

OIL AND NATURAL GAS DIVISION
RECEIVED

#493

'90 MAR 26 AM 8 53

San Juan 30-6 Unit (POD)
3180 (019)

MAR 23 1990

El Paso Natural Gas Company
Attn: Kent Beers
P. O. Box 4289
Farmington, NM 87499

Gentlemen:

One approved copy of your 1990 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing the carry over of 12 Fruitland Coal wells from your 1989 P.O.D. and the drilling of 17 new Fruitland Coal wells was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

John Keller
Chief, Branch of Minerals

Enclosure

cc: ✓ New Mexico Oil Conservation Division, 310 Old Santa Fe Trail,
Room 206, Santa Fe, NM 87503
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148,
Santa Fe, NM 87504

February 28, 1990

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

RE: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1990 Plan of Development

Gentlemen:

By letters dated February 28, 1989, March 30, 1989, April 28, 1989, June 28, 1989, and August 8, 1989, El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program and First, Second, Third and Fourth Amendments to said Drilling Program concerning the captioned unit for the calendar year 1989. These programs provided for the drilling of forty-two (42) Fruitland formation wells of which thirty (30) wells were drilled in 1989.

As of this date, the total number of wells in the San Juan 30-6 Unit are as follows:

Fruitland Commercial	50
Fruitland Being Evaluated	19
*Fruitland, Plugged & Abandoned	1
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-Commercial	1
Mesaverde, Plugged & Abandoned	7
Pennsylvanian, Plugged & Abandoned	<u>2</u>
	215

*Formerly Abraham 1 Well

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting a Drilling Program providing for the drilling of the following Fruitland Coal wells during the calendar year 1990.

San Juan 30-6 Unit #403*	E/2 Section 9, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #407*	E/2 Section 16, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #410*	E/2 Section 26, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #422*	W/2 Section 27, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #423*	E/2 Section 28, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #424*	W/2 Section 33, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #425*	E/2 Section 33, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #428*	W/2 Section 28, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #429*	E/2 Section 32, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #447*	E/2 Section 31, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit Com #467*	W/2 Section 22, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #482*	W/2 Section 31, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #485	E/2 Section 36, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #486	E/2 Section 23, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #487	W/2 Section 23, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #488	E/2 Section 24, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #489	W/2 Section 24, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #490	E/2 Section 25, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #491	W/2 Section 25, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #492	W/2 Section 26, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #493	W/2 Section 32, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #494	E/2 Section 33, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #495	W/2 Section 33, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #496	E/2 Section 35, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 Unit #497	S/2 Section 29, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #498	E/2 Section 30, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #499	W/2 Section 30, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #500	W/2 Section 31, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 Unit #501	E/2 Section 32, T-30-N, R-6-W	Fruitland Coal

Well Count 29

*Wells carried over from 1989 Drilling Program.

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company and the working interest owners believe that all current obligations have been satisfied.

February 28, 1990

El Paso Natural Gas Company as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours



Kent Beers
Attorney-in-Fact



VLG:ch
Enclosures
San Juan 30-6 Unit, 3.0
63+

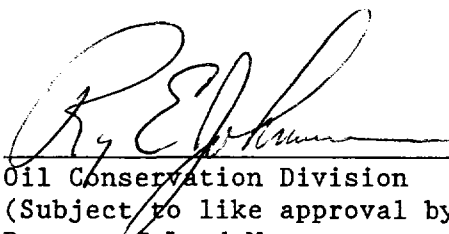
cc: Mr. Antonio Martinez, Executive Director
New Mexico Oil & Gas Accounting Division
PO Box 2308
Santa Fe, NM 87501

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 3-12-90

The foregoing approvals for the 1990 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	James M. Farley & Anne M. Colwill
Amoco Production Company	Co-Executors Estate of C.W. Colwill
Arco Oil & Gas Company	Mr. Wayne Moore & Jo Ann M. Moore
Elizabeth Jeanne Turner Calloway	Mr. Robert Mosbacher
W. P. Carr, Ind. & as Trustee	Northwest Pipeline Corporation
Conoco, Inc.	
James Allison Cozby	Phillips Petroleum Company
Cross Timbers Production	PWG Partnership
Anne Home Emerson, Trustee	Mr. James M. Raymond, Ind. & as Exec & Trustee
FMP Operating Company	Mr. W. H. Sloan
Global Natural Resources Corp.	Southland Royalty Company
Prudential-Bache; c/o Graham Royalty	c/o Meridian Oil
T. H. & Nancy L. Harrington	
Catherine Harvey	Texaco Producing Inc.
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. Frederick Eugene Turner
Anna Lou Home	Mr. J. Glenn Turner, Jr.
Teresa Home	MTrust Corportation
Mr. Barron Kidd	Trustee for Mary Francis Turner Jr.
Cassandra Keyser	Mr. John Lee Turner
E. Jean Keyser	Mr. Paul H. Umbach
Koch Industries	Helen Ulmer Van Atta
	The Wiser Oil Company
T. H. McElvain, Jr.	
T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	

El Paso
Natural Gas Company

FRUITLAND FORMATION
EXPANSION
NOV 16 1989 PM 3 27

P.O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

February 16, 1990

Bureau of Land Management
South Central Region
435 Montano, N.E.
Albuquerque, NM 87107

HAND DELIVERED

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

RETURN RECEIPT NO. P 950 790 977

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

RETURN RECEIPT NO. P 950 790 978

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
Seventh Expanded Participating ARea
Effective July 1, 1988
Eighth Expanded Participating ARea
Effective August 1, 1988
Ninth Expanded Participating ARea
Effective September 1, 1988
Tenth Expanded Participating ARea
Effective October 1, 1988
Eleventh Expanded Participating ARea
Effective November 1, 1988
Twelfth Expanded Participating ARea
Effective January 1, 1989
Thirteenth Expanded Participating
Area
Effective June 1, 1989
Fourteenth Expanded Participating
Area
Effective August 1, 1989
Fruitland Formation

Gentlemen:

In our letter dated November 21, 1989 (copy enclosed) we submitted the referenced Fruitland Formation Expansions to the appropriate regulatory agencies and to the San Juan 30-6 Unit working interest owners. Since that time we have had to make changes to the schedules reflecting changes in working interest owners and acreage descriptions. The tracts affected are indicated on the next page.

February 16, 1990

<u>EXPANSION</u>	<u>TRACTS</u>	<u>REMARKS</u>
8th	24	Change in working interest
9th	10	Change in working interest
10th	10	Change in working interest
10th	21	Acreage correction
7th - 14th	52	Change in working interest

Enclosed for your information and files are revised schedules for the referenced Fruitland Expansions. We have printed new schedules covering the 7th thru the 14th Expansions. Please destroy the previous schedules you have and replace them with the enclosed new and improved schedules.

Copies of this letter are being sent to the working interest owners as shown on the attached page.

Very truly yours,



Van L. Goebel
Senior Landman

VLG:gm
Enclosure

San Juan 30-6 Unit, 4.5

18+

SAN JUAN 30-6 UNIT
FRUITLAND P/A OWNERS

Amoco Production Company

Global Natural Resources Corp.

Conoco Inc.

T. H. McElvain Oil & Gas Properties

James M. Raymond, et al

Northwest Pipeline Corporation

ARCO

Phillips Petroleum

Anna Lou Home

Anna Home Emerson

Teresa Home

PWG Partnership

FMP Operating Properties

T. H. Harrington

Graham Royalty



4289
FARMINGTON, NEW MEXICO 87499
PHONE 1-800-451-1111

November 21, 1989

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
Seventh Expanded Participating Area
Effective July 1, 1988
Eighth Expanded Participating Area
Effective August 1, 1988
Ninth Expanded Participating Area
Effective September 1, 1988
Tenth Expanded Participating Area
Effective October 1, 1988
Eleventh Expanded Participating Area
Effective November 1, 1988
Twelfth Expanded Participating Area
Effective January 1, 1989
Thirteenth Expanded Participating
Area
Effective June 1, 1989
Fourteenth Expanded Participating
Area
Effective August 1, 1989
Fruitland Formation

Gentlemen:

Pursuant to section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas company, as Unit Operator, determined on the dates indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Fruitland Formation and that the Participating Area for the Fruitland Formation is expanded accordingly as follows.

Seventh Expanded Participating Area-Effective July 1, 1988

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 34-30N-7W	320.00	#421
W/2 Section 10-30N-6W	320.00	#431
E/2 Section 15-30N-6W	320.00	#436
W/2 Section 19-30N-6W	320.00	#457

The San Juan 30-6 Unit #421 was completed on June 8, 1988. the Fruitland Formation was tested on June 8, 1988, with a cumulative gas production of 371 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 34, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #431 was completed on June 14, 1988. The Fruitland Formation was tested on June 14, 1988 with a cumulative gas production of 332 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 10, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #436 was completed on June 25, 1988. The Fruitland Formation was tested on June 25, 1988 with a cumulative gas production of 358 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 15, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #457 was completed on June 29, 1988. The Fruitland Formation was tested on June 29, 1988 with a cumulative gas production of 1259 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 19, T-30-N, R-6-W, containing 320.00 acres.

Eighth Expanded Participating Area-Effective August 1, 1988

<u>Drilling B Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 34-30N-7W	320.00	#426
E/2 Section 35-30N-7W	320.00	#427
E/2 Section 8-30N-6W	320.00	#430
E/2 Section 10-30N-6W	320.00	#432
W/2 Section 14-30N-6W	320.00	#439
W/2 Section 7-30N-6W	320.00	#450
E/2 Section 7-30N-6W	320.00	#451
W/2 Section 8-30N-6W	320.00	*(#452)
E/2 Section 17-30N-6W	320.00	#454
E/2 Section 18-30N-6W	320.00	#456
W/2 Section 17-30N-6W	320.00	*(#453)
W/2 Section 18-30N-6W	320.00	*(#455)

*Intervening Drilling Block

The San Juan 30-6 Unit #426 was completed on July 22, 1988. The Fruitland Formation was tested on July 22, 1988 with a cumulative gas production of 311 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 34, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #427 was completed on July 27, 1988. The Fruitland Formation was tested on July 27, 1988 with a cumulative gas production of 1423 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 35, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #430 was completed on July 14, 1988. The Fruitland Formation was tested on July 14, 1988 with a cumulative gas production of 1156 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 8, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #432 was completed on July 7, 1988. The Fruitland Formation was tested on July 7, 1988 with a cumulative gas production of 219 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 10, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #439 was completed on July 31, 1988. The Fruitland Formation was tested on July 31, 1988 with a cumulative gas production of 190 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 14, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #450 was completed on July 12, 1988. The Fruitland Formation was tested on July 12, 1988 with a cumulative gas production of 66 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 7, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #451 was completed on July 22, 1988. The Fruitland Formation was tested on July 22, 1988 with a cumulative gas production of 851 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 7, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #454 was completed on July 11, 1988. The Fruitland Formation was tested on July 11, 1988 with a cumulative gas production of 1005 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 17, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #456 was completed on July 20, 1988. The Fruitland Formation was tested on July 20, 1988 with a cumulative gas production of 1048 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 18, T-30-N, R-6-W, containing 320.00 acres.

Ninth Expanded Participating Area-Effective September 1, 1988

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 11-30N-6W	320.00	#433
W/2 Section 12-30N-6W	320.00	#434
E/2 Section 11-30N-6W	320.00	*(#437)
W/2 Section 15-30N-6W	320.00	#440

*Intervening Drilling Block

The San Juan 30-6 Unit #433 was completed on August 21, 1988. The Fruitland Formation was tested on August 21, 1988, with a cumulative gas production of 656 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 11, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #434 was completed on August 3, 1988. The Fruitland Formation was tested on August 3, 1988, with a cumulative gas production of 206 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 12, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #440 was completed on August 12, 1988. The Fruitland Formation was tested on August 12, 1988, with a cumulative gas production of 74.20 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-6-W, containing 320.00 acres.

Tenth Expanded Participating Area-Effective October 1, 1988

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 20-30N-6W	320.00	#460

The San Juan 30-6 Unit #460 was completed on September 15, 1988. The Fruitland Formation was tested on September 15, 1988, with a cumulative gas production of 153.2 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 20, T-30-N, R-6-W, containing 320.00 acres.

Eleventh Expanded Participating Area-Effective November 1, 1988

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 12-30N-6W	227.48	#438
E/2 Section 19-30N-6W	320.00	#458
W/2 Section 20-30N-6W	320.00	*(#459)

*Intervening Drilling Block

The San Juan 30-6 Unit #438 was completed on October 14, 1988. The Fruitland Formation was tested on October 14, 1988, with a cumulative gas production of 150 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 12, T-30-N, R-6-W, containing 227.48 acres.

The San Juan 30-6 Unit #458 was completed on October 21, 1988. The Fruitland Formation was tested on October 21, 1988, with a cumulative gas production of 107.60 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 19, T-30-N, R-6-W, containing 320.00 acres.

Twelfth Expanded Participating Area-Effective January 1, 1989

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 31-30N-6W	320.00	#441
E/2 Section 30-30N-6W	320.00	*
E/2 Section 22-30N-7W	320.00	#466

*Intervening Drilling Block

The San Juan 30-6 Unit #441 was completed on December 9, 1988. The Fruitland Formation was tested on December 9, 1988, with a cumulative gas production of 0.30 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 31, T-30-N, R-6-W, containing 320.00 acres.

The San Juan 30-6 Unit #466 was completed on December 21, 1988. The Fruitland Formation was tested on December 21, 1988, with a cumulative gas production of 1261 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 22, T-30-N, R-7-W, containing 320.00 acres.

Thirteenth Expanded Participating Area-Effective June 1, 1989

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 36-30N-6W	230.24	#443

The San Juan 30-6 Unit #443 was completed on May 27, 1989. The Fruitland Formation was tested on May 27, 1989, with a cumulative gas production of 34 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 36, T-30-N, R-6-W, containing 230.24 acres.

Fourteenth Expanded Participating Area-Effective August 1, 1989

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 14-30N-6W	320.00	#442
W/2 Section 13-30N-6W	320.00	*

*Intervening Drilling Block

The San Juan 30-6 Unit #442 was completed on July 6, 1989. The Fruitland Formation was tested on July 6, 1989, with a cumulative gas production of 190 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 14, T-30-N, R-6-W, containing 320.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELLS

Nine (9) additional wells capable of producing unitized substances from the Fruitland Formation have been completed upon acreage committed to the Fruitland Participating Area. The #464 and #465 Fruitland Wells were drilled upon Intervening Drilling Blocks bought in under the Second Participating Area Expansion. The #462 Fruitland Well was drilled upon an Intervening Drilling Block brought in under the Fifth Participating Area Expansion. The #463 Fruitland Well was drilled upon an Intervening Drilling Block brought in under the Sixth Participating Area Expansion. The #452, #453 and #455 Fruitland Wells were drilled upon Intervening Drilling Blocks brought in under the Eighth Participating Area Expansion. The #437 Fruitland Well was drilled upon an Intervening Drilling Block brought in under the Ninth Participating Area Expansion. The #459 Fruitland Well was drilled upon an Intervening Drilling Block brought in under the Eleventh Participating Area Expansion.

The Wells are as follows:

The San Juan 30-6 Unit #464 was completed on September 30, 1988. The Fruitland Formation was tested on September 30, 1988, with a cumulative gas production of 442 MMCF through September 30, 1989. The spacing unit for this well is described as the E/2 of Section 14, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #465 was completed on October 9, 1988. The Fruitland Formation was tested on October 9, 1988, with a cumulative gas production of 926 MMCF through September 30, 1989. The spacing unit for this well is described as the E/2 of Section 15, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #462 was completed on June 14, 1989. The Fruitland Formation was tested on June 14, 1989, with a cumulative gas production of 270 MMCF through September 30, 1989. The spacing unit for this well is described as the W/2 of Section 12, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #463 was completed on July 28, 1989. The Fruitland Formation was tested on July 28, 1989, with a cumulative gas production of 135 MMCF through September 30, 1989. The spacing unit for this well is described as the E/2 of Section 13, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #452 was completed on September 28, 1988. The Fruitland Formation was tested on September 28, 1988, with a cumulative gas production of 1466 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 8, T-30-N, R-6-W, containing 320.00 acres. ✓

The San Juan 30-6 Unit #453 was completed on August 10, 1988. The Fruitland Formation was tested on August 19, 1988, with a cumulative gas production of 370 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 17, T-30-N, R-6-W, containing 320.00 acres. ✓

The San Juan 30-6 Unit #455 was completed on August 9, 1988. The Fruitland Formation was tested on August 9, 1988, with a cumulative gas production of 57 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 18, T-30-N, R-6-W, containing 320.00 acres. ✓

The San Juan 30-6 Unit #437 was completed on October 24, 1988. The Fruitland Formation was tested on October 24, 1988, with a cumulative gas production of 195 MMCF through July 31, 1989. The spacing unit for this well is described as the E/2 of Section 11, T-30-N, R-6-W, containing 320.00 acres. ✓

The San Juan 30-6 Unit #459 was completed on October 7, 1988. The Fruitland Formation was tested on October 7, 1988, with a cumulative gas production of 120.4 MMCF through July 31, 1989. The spacing unit for this well is described as the W/2 of Section 20, T-30-N, R-6-W, containing 320.00 acres. ✓

Attached hereto are schedules VIII, IX, X, XI, XII, XIII, XIV, and XV showing the Seventh through the Fourteenth Expanded Participating Area for the Fruitland Formation of the San Juan 30-6 Unit. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts. Inasmuch as this needs no official approval, no provision is made therefore, and in the absences of disapproval, the Seventh through Fourteenth Expanded Participating Areas will become effective as of July 1, 1988, August 1, 1988, September 1, 1988, October 1, 1988, November 1, 1988, January 1, 1989, June 1, 1989 and August 1, 1989, respectively.

Copies of this letter and schedules are being sent to the working interest owners on the attached sheet.

Very truly yours,


Kent Beers
Attorney-in-fact 

VLG/bk
Attachments
San Juan 30-6 Unit, 4.5

SAN JUAN 30-6 UNIT
FRUITLAND P/A OWNERS

Amoco Production Company

Global Natural Resources Corp.

Conoco Inc.

T. H. McElvain Oil & Gas Properties

James M. Raymond, et al

Northwest Pipeline Corporation

ARCO

Phillips Petroleum

Anna Lou Home

Anna Home Emerson

Teresa Home

PWG Partnership

FMP Operating Properties

T. H. Harrington

Graham Royalty

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #421
Fruitland Coal
NE/4 Section 34, T30N, R7W
Rio Arriba County, New Mexico

Date Spudded	05/27/88
Date Completed	06/08/88
Date of First Delivery	11/09/88
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	419.0M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1988	\$1.17/MCF
1989	\$1.15/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 912 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1988	33.0	0.0	9.0
1989	371.0	0.0	45.4
1990	392.0	0.0	44.4
1991	369.0	0.0	43.2
1992	325.0	0.0	40.8
1993	287.0	0.0	38.4
1994	254.0	0.0	37.2
1995	224.0	0.0	28.8
1996	198.0	0.0	26.4
1997	175.0	0.0	25.2

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 25 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1550

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #426
Fruitland Coal
SW/4 Section 34, T30N, R7W
Rio Arriba County, New Mexico

Date Spudded	07/05/88
Date Completed	07/22/88
Date of First Delivery	04/28/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	381.4 M\$
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Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1989	\$1.17/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 922 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	311.0	0.0	34.3
1990	602.0	0.0	48.0
1991	542.0	0.0	45.6
1992	437.0	0.0	42.0
1993	353.0	0.0	38.4
1994	285.0	0.0	36.0
1995	230.0	0.0	28.8
1996	185.0	0.0	26.4
1997	150.0	0.0	25.2
1998	121.0	0.0	24.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 25 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1567

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #427
Fruitland Coal
NE/4 Section 35, T30N, R7W
Rio Arriba County, New Mexico

Date Spudded	07/17/88
Date Completed	07/27/88
Date of First Delivery	01/17/89
Date of Commerciality Determination	09/14/89

Well Cost Data

Total Well Costs	400.9 M\$
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Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1989	\$1.13/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 895 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	Gas (MMCF)	Oil (MBO)	Operating Expense (M\$)
1989	1423.0	0.0	54.5
1990	1587.0	0.0	48.0
1991	781.0	0.0	43.2
1992	152.0	0.0	38.4
1993	26.0	0.0	26.4

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 50 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1473

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #430
Fruitland Coal
NE/4 Section 8, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/18/88
Date Completed	07/14/88
Date of First Delivery	01/01/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	873.5 M\$
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Production Taxes

	Gas _____ % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas _____
1989	\$1.14/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 917 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	1156.0	0.0	152.4
1990	1707.0	0.0	68.0
1991	722.0	0.0	47.0
1992	92.0	0.0	38.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 75 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1876

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #431
Fruitland Coal
SW/4 Section 10, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/02/88
Date Completed	06/14/88
Date of First Delivery	03/09/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	951.8 M\$
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Production Taxes

	Gas
	<u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
	<u></u>
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 901 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	332.0	0.0	150.0
1990	431.0	0.0	47.1
1991	431.0	0.0	37.7
1992	396.0	0.0	31.4
1993	334.0	0.0	28.2
1994	282.0	0.0	27.2
1995	238.0	0.0	25.1
1996	201.0	0.0	24.1
1997	170.0	0.0	23.0
1998	143.0	0.0	22.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 25 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1711

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #432
Fruitland Coal
NE/4 Section 10, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/13/88
Date Completed	07/06/88
Date of First Delivery	03/27/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	1034.2 M\$
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Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1989	\$1.13/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 904 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	Gas (MMCF)	Oil (MBO)	Operating Expense (M\$)
1989	219.0	0.0	96.7
1990	383.0	0.0	41.0
1991	383.0	0.0	36.3
1992	352.0	0.0	31.6
1993	297.0	0.0	28.1
1994	251.0	0.0	26.9
1995	211.0	0.0	25.7
1996	178.0	0.0	24.6
1997	150.0	0.0	23.4
1998	127.0	0.0	21.1

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 20 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1688*

*The initial bottom hole pressure was based on the offset #437 since

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #433
Fruitland Coal
SW/4 Section 11, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	07/23/88
Date Completed	08/21/88
Date of First Delivery	01/01/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	646.2 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.16/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 920 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	656.0	0.0	273.3
1990	777.0	0.0	66.0
1991	631.0	0.0	52.0
1992	410.0	0.0	42.0
1993	266.0	0.0	36.0
1994	173.0	0.0	34.0
1995	112.0	0.0	32.0
1996	73.0	0.0	30.0
1997	47.0	0.0	28.0
1998	31.0	0.0	26.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 50 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1612

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #434
Fruitland Coal
SW/4 Section 12, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	07/16/88
Date Completed	08/03/88
Date of First Delivery	03/16/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	405.6 M\$
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Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 907 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	Gas (MMCF)	Oil (MBO)	Operating Expense (M\$)
1989	206.0	0.0	94.6
1990	365.0	0.0	40.0
1991	365.0	0.0	36.0
1992	338.0	0.0	32.0
1993	291.0	0.0	28.0
1994	249.0	0.0	26.0
1995	214.0	0.0	26.0
1996	184.0	0.0	24.0
1997	158.0	0.0	24.0
1998	135.0	0.0	22.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 15 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1711

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #436
Fruitland Coal
NE/4 Section 15, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/07/88
Date Completed	06/25/88
Date of First Delivery	04/06/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	822.2 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 899 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	358.0	0.0	129.2
1990	516.0	0.0	62.7
1991	516.0	0.0	50.4
1992	463.0	0.0	42.2
1993	371.0	0.0	37.0
1994	298.0	0.0	35.0
1995	239.0	0.0	32.9
1996	191.0	0.0	30.9
1997	153.0	0.0	28.8
1998	123.0	0.0	25.7

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 30 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1612*

*The initial bottom hole pressure was based on the offset #433 since this well had a very initial bottom hole pressure.

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #438
Fruitland Coal
NE/4 Section 12, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	09/25/88
Date Completed	10/14/88
Date of First Delivery	02/10/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	483.6 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.18/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 929 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MB)</u>	<u>Operating Expense (M\$)</u>
1989	150.0	0.0	87.6
1990	234.0	0.0	40.0
1991	234.0	0.0	34.0
1992	221.0	0.0	30.0
1993	197.0	0.0	28.0
1994	176.0	0.0	26.0
1995	157.0	0.0	26.0
1996	140.0	0.0	24.0
1997	125.0	0.0	22.0
1998	111.0	0.0	22.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 15 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1693

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #439
Fruitland Coal
SW/4 Section 14, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/27/88
Date Completed	07/31/88
Date of First Delivery	02/02/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	471.3 M\$
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Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 900 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	Gas (MMCF)	Oil (MBO)	Operating Expense (M\$)
1989	190.0	0.0	66.0
1990	262.0	0.0	40.0
1991	262.0	0.0	34.0
1992	252.0	0.0	30.0
1993	232.0	0.0	28.0
1994	214.0	0.0	26.0
1995	198.0	0.0	25.0
1996	182.0	0.0	24.0
1997	168.0	0.0	23.0
1998	155.0	0.0	22.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 20 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1712

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #440
Fruitland Coal
SW/4 Section 15, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/22/88
Date Completed	08/12/88
Date of First Delivery	03/28/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	395.4 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.15/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 904 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	74.2	0.0	58.5
1990	146.0	0.0	34.4
1991	146.0	0.0	31.3
1992	143.0	0.0	29.3
1993	139.0	0.0	27.3
1994	134.0	0.0	26.3
1995	129.0	0.0	25.3
1996	125.0	0.0	24.3
1997	120.0	0.0	23.3
1998	116.0	0.0	21.2

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 25 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1680

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #441
Fruitland Coal
NE/4 Section 31, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	11/28/88
Date Completed	12/09/88
Date of First Delivery	12/17/88
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	414.2 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1988	\$1.21/MCF
1989	\$1.14/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 901 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1988	0.3	0.0	2.5
1989	133.6	0.0	80.6
1990	146.0	0.0	34.0
1991	146.0	0.0	32.0
1992	144.0	0.0	29.0
1993	139.0	0.0	27.0
1994	134.0	0.0	26.0
1995	129.0	0.0	25.0
1996	125.0	0.0	24.0
1997	121.0	0.0	23.0
1998	117.0	0.0	21.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 20 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1687

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #442
Fruitland Coal
NE/4 Section 14, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/08/89
Date Completed	07/06/89
Date of First Delivery	Not First Delivered
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	450.6 M\$
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Production Taxes

	Gas _____ % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas _____
1989	\$1.22/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 903 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	190.0	0.0	85.8
1990	759.0	0.0	61.0
1991	759.0	0.0	51.0
1992	613.0	0.0	44.0
1993	394.0	0.0	37.0
1994	253.0	0.0	34.0
1995	162.0	0.0	32.0
1996	104.0	0.0	30.0
1997	67.0	0.0	28.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 40 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1638

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #443
Fruitland Coal
NE/4 Section 36, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	05/06/89
Date Completed	05/27/89
Date of First Delivery	Not First Delivered
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	413.9 M\$
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Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1989	\$1.22/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 900 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	Gas (MMCF)	Oil (MBO)	Operating Expense (M\$)
1989	34.0	0.0	19.0
1990	137.0	0.0	33.0
1991	137.0	0.0	30.0
1992	134.0	0.0	28.0
1993	129.0	0.0	27.0
1994	123.0	0.0	26.0
1995	118.0	0.0	25.0
1996	113.0	0.0	24.0
1997	108.0	0.0	22.0
1998	104.0	0.0	21.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 25 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1460

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #450
Fruitland Coal
SW/4 Section 7, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/23/88
Date Completed	07/12/88
Date of First Delivery	11/19/88
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	519.1 M\$
------------------	-----------

Production Taxes

	Gas % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas
1988	\$1.14/MCF
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 892 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	Gas (MMCF)	Oil (MBO)	Operating Expense (M\$)
1988	66.0	0.0	45.0
1989	1031.0	0.0	117.1
1990	1205.0	0.0	48.0
1991	914.0	0.0	44.0
1992	512.0	0.0	40.0
1993	287.0	0.0	36.0
1994	161.0	0.0	34.0
1995	90.0	0.0	32.0
1996	50.0	0.0	30.0
1997	28.0	0.0	28.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 40 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1652

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #451
Fruitland Coal
NE/4 Section 7, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/28/88
Date Completed	07/22/88
Date of First Delivery	03/16/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	863.5 M\$
------------------	-----------

Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 905 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	851.0	0.0	93.7
1990	1156.0	0.0	54.0
1991	898.0	0.0	44.0
1992	530.0	0.0	40.0
1993	312.0	0.0	36.0
1994	184.0	0.0	34.0
1995	109.0	0.0	32.0
1996	64.0	0.0	30.0
1997	38.0	0.0	28.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 50 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1686

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #454
Fruitland Coal
NE/4 Section 17, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/20/88
Date Completed	07/11/88
Date of First Delivery	01/04/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	511.6 M\$
------------------	-----------

Production Taxes

	Gas _____ % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas _____
1989	\$1.16/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 920 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	1005.0	0.0	209.1
1990	1318.0	0.0	68.0
1991	893.0	0.0	49.0
1992	387.0	0.0	39.0
1993	167.0	0.0	36.0
1994	72.0	0.0	33.0
1995	29.0	0.0	29.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 60 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1717*

*The initial bottom hole pressure was based on the offset #453 since this well had a poor initial test.

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #456
Fruitland Coal
NE/4 Section 18, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	07/02/88
Date Completed	07/20/88
Date of First Delivery	02/01/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	579.1 M\$
------------------	-----------

Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 896 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	1048.0	0.0	188.8
1990	1713.0	0.0	59.0
1991	1208.0	0.0	46.0
1992	574.0	0.0	40.0
1993	272.0	0.0	37.0
1994	129.0	0.0	34.0
1995	61.0	0.0	31.0
1996	26.0	0.0	27.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 60 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1695

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #457
Fruitland Coal
SW/4 Section 19, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	06/15/88
Date Completed	06/29/88
Date of First Delivery	01/30/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	639.0 M\$
------------------	-----------

Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 896 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	1259.0	0.0	122.8
1990	1643.0	0.0	75.3
1991	1149.0	0.0	51.3
1992	536.0	0.0	40.4
1993	250.0	0.0	36.0
1994	117.0	0.0	33.8
1995	54.0	0.0	31.6
1996	24.0	0.0	27.3

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 50 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1628

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #458
Fruitland Coal
NE/4 Section 19, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	09/12/88
Date Completed	10/21/88
Date of First Delivery	Not First Delivered
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	494.5 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.21/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 899 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	107.6	0.0	48.0
1990	431.0	0.0	50.4
1991	431.0	0.0	44.4
1992	409.0	0.0	39.6
1993	367.0	0.0	37.2
1994	330.0	0.0	34.8
1995	296.0	0.0	32.4
1996	266.0	0.0	31.2
1997	239.0	0.0	27.6
1998	215.0	0.0	26.4

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 15 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1688

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #460
Fruitland Coal
NE/4 Section 20, T30N, R6W
Rio Arriba County, New Mexico

Date Spudded	07/10/88
Date Completed	09/15/88
Date of First Delivery	Not First Delivered
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	827.9 M\$
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Production Taxes

	Gas _____ % of Revenue
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	Gas _____
1989	\$1.21/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 899 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	153.2	0.0	49.9
1990	613.0	0.0	54.0
1991	613.0	0.0	46.5
1992	570.0	0.0	40.5
1993	493.0	0.0	37.5
1994	425.0	0.0	36.0
1995	368.0	0.0	33.0
1996	317.0	0.0	31.5
1997	274.0	0.0	28.5
1998	237.0	0.0	27.0

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 20 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1691

Meridian Oil Inc.
Commerciality Determination
San Juan 30-6 Unit #466
Fruitland Coal
NE/4 Section 22, T30N, R7W
Rio Arriba County, New Mexico

Date Spudded	12/07/88
Date Completed	12/21/88
Date of First Delivery	01/01/89
Date of Commerciality Submittal	09/14/89

Well Cost Data

Total Well Costs	445.7 M\$
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Production Taxes

	<u>Gas</u> <u>% of Revenue</u>
Severance Tax	3.75%
School Tax	3.15%
Ad Valorem	2.31%
Conservation Tax	0.19%

Average Product Pricing

	<u>Gas</u>
1989	\$1.12/MCF

*Based on spot gas sales for the actual months of production adjusted for a heating value of 892 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

	<u>Gas (MMCF)</u>	<u>Oil (MBO)</u>	<u>Operating Expense (M\$)</u>
1989	1261.0	0.0	88.5
1990	1387.0	0.0	49.7
1991	1125.0	0.0	44.6
1992	728.0	0.0	41.1
1993	472.0	0.0	37.7
1994	305.0	0.0	34.3
1995	198.0	0.0	30.9
1996	128.0	0.0	29.1
1997	83.0	0.0	27.4
1998	54.0	0.0	25.7

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses are based on producing time and are not escalated for inflation.

*The well can be produced to an economic limit of 40 MCFPD under the current economic and operating conditions.

Test Data

IBHP (psig) - 1391

RUN DATE 02/06/90
RUN TIME 10:37:05

EL. PASO NATURAL GAS
SCHEDULE VIII
THE 007 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00		TRACT: 002			12.651955
SEC. 12	E/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 14	W/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM-012293							
30N	7W	960.00		TRACT: 003			12.651955
SEC. 12	W/2		ORRI:		2.500000	2.500000	
SEC. 13	E/2		ROYALTY:		12.500000	12.500000	
SEC. 14	E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM 012694							
30N	7W	320.00		TRACT: 004			4.217318
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM 012710							
30N	7W	640.00		TRACT: 005			8.434637
SEC. 11	E/2		ORRI:		3.500000	3.500000	
SEC. 15	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
SF 079382							
30N	7W	1,920.00		TRACT: 009			25.303911
SEC. 23	ALL		ORRI:		11.875002	11.875002	
SEC. 24	ALL		ROYALTY:		12.500000	12.500000	
SEC. 25	ALL		WORKING INTEREST:		61.875000	61.875000	
			EL PASO PRODUCTION CO.		6.875000	6.875000	
			T.H. MCELVAIN OIL & GAS PROP		0.572916	0.572916	
			JAMES M RAYMOND		0.572916	0.572916	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORRINE MILLER GAY TRUST		5.156250	5.156250	
			JAMES M RAYMOND				
			TOTAL		100.000000	100.000000	

EFFECTIVE 88/07/01

RUN DATE 02/06/90
RUN TIME 10:37:06

EL PASO NATURAL GAS
SCHEDULE VIII
THE 007 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA-410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA-59.

SF 079383	30N 7W	1,600.00	TRACT: 010	11.875002	11.875002	21.086592
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SEC. 26 ALL
SEC. 27 E/2
SEC. 34 E/2
SEC. 35 W/2

ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND

TOTAL 100.000000 100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA-410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA-59.

SF-080711	30N 6W	280.00	TRACT: 012	3.000000	3.000000	3.690153
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SEC. 19 SW/4 SW/4,
NW/4, N/2 SW/4

ORRI:
ROYALTY:
WORKING INTEREST:
ARCO OIL & GAS COMPANY

TOTAL 100.000000 100.000000

SF 080713	30N 6W	227.76	TRACT: 018	3.500000	3.500000	3.001677
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SEC. 13 LOTS 1-4,
W/2 E/2

ORRI:
ROYALTY:
WORKING INTEREST:
GLOBAL NATURAL RESOURCES COR
EL PASO PRODUCTION CO.
MERIDIAN OIL PRODUCTION INC.

TOTAL 100.000000 100.000000

REMARKS:

EFFECTIVE 88/07/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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EPPC WI BURDENED BY 3.5% ORRI.
 OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF 080713-B	30N 6W	160.00	TRACT: 020				2.108659
SEC. 15	SE/4		ORRI:		15.312500	15.312500	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 10.3125% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080714-A	30N 6W	442.94	TRACT: 022				5.837560
SEC. 10	LOTS 3,4,		ORRI:		15.312500	15.312500	
NW/4, W/2 SW/4			ROYALTY:		12.500000	12.500000	
SEC. 15	LOT 1, NE/NE,		WORKING INTEREST:		72.187500	72.187500	
S/2 NE/4			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 10.3125% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.

J.C. GOMEZ	30N 6W	37.06	TRACT: 052				0.488418
SEC. 10	A PORTION OF		ORRI:		15.312500	15.312500	
TR 38			ROYALTY:		12.500000	12.500000	
SEC. 15	A PORTION OF		WORKING INTEREST:		30.937500	30.937500	
TR 38			EL PASO PRODUCTION CO.		13.750000	13.750000	
			PNW PARTNERSHIP		13.750000	13.750000	
			PARTNERSHIP PROPERTIES		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-10		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-11		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-12		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-13		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-14				

EFFECTIVE 88/07/01

RUN DATE 02/06/90
RUN TIME 10:37:07

EL PASO NATURAL GAS
SCHEDULE VIII
THE 007 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE IIP-15				1.292500	1.292500	
	PRUDENTIAL BACHE IVP-16				3.767500	3.767500	
	PRUDENTIAL BACHE IVP-17				4.152500	4.152500	
	PRUDENTIAL BACHE ENERGY PROD				0.783750	0.783750	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

A. GOMEZ	30N 6W	40.00	TRACT: 054	
	SEC. 19 SE/4 SW/4			
		ORRI:		0.527165
		ROYALTY:	5.000000	
		WORKING INTEREST:	12.500000	
		EL PASO PRODUCTION CO.	55.000000	
		THOMAS H & NANCY L HARRINGTON	27.500000	
		TOTAL	100.000000	100.000000

EFFECTIVE 88/07/01

RUN DATE 02/06/90
RUN TIME 10:37:18

EL PASO NATURAL GAS
SCHEDULE VIII
R E C A P I T U L A T I O N

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DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N	RANGE 6W	TR 38	
SECTION 10	: A PORTION OF	NW/4, W/2 SW/4	
SECTION 10	: LOTS 3,4,	W/2 E/2	
SECTION 13	: LOTS 1-4,		
SECTION 15	: SE/4		
SECTION 15	: LOT 1, NE/NE,	S/2 NE/4	
SECTION 15	: A PORTION OF	TR 38	
SECTION 19	: SE/4 SW/4		
SECTION 19	: SW/4 SW/4,	NW/4, N/2 SW/4	
TOWNSHIP 30N	RANGE 7W		
SECTION 11	: E/2		
SECTION 12	: W/2		
SECTION 12	: E/2		
SECTION 13	: W/2		
SECTION 13	: E/2		
SECTION 14	: E/2		
SECTION 14	: W/2		
SECTION 15	: E/2		
SECTION 15	: W/2		
SECTION 23	: ALL		
SECTION 24	: ALL		
SECTION 25	: ALL		
SECTION 26	: ALL		
SECTION 27	: E/2		
SECTION 34	: E/2		
SECTION 35	: W/2		
TOTAL COMMITTED:		7,587.76	TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 7,587.76

RUN DATE 02/06/90
RUN TIME 10:37:08

EL PASO NATURAL GAS
SCHEDULE IX
THE 008 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00		TRACT: 002			8.400596
SEC. 12	E/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 14	W/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM-012293							
30N	7W	960.00		TRACT: 003			8.400596
SEC. 12	W/2		ORRI:		2.500000	2.500000	
SEC. 13	E/2		ROYALTY:		12.500000	12.500000	
SEC. 14	E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM 012694							
30N	7W	320.00		TRACT: 004			2.800199
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM 012710							
30N	7W	640.00		TRACT: 005			5.600398
SEC. 11	E/2		ORRI:		3.500000	3.500000	
SEC. 15	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
SF 079002							
30N	6W	800.00		TRACT: 006			7.000497
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59

EFFECTIVE 88/08/01

RUN DATE 02/06/90
RUN TIME 10:37:08

EL PASO NATURAL GAS
SCHEDULE IX
THE 008 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF 079382 30N 7W 1,920.00 TRACT: 009 16.801193

SEC. 23 ALL
SEC. 24 ALL
SEC. 25 ALL

ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND
TOTAL 100.000000 100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF 079383 30N 7W 2,240.00 TRACT: 010 19.601391

SEC. 26 ALL
SEC. 27 E/2
SEC. 34 ALL
SEC. 35 ALL

ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND
TOTAL 100.000000 100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/08/01

RUN DATE 02/06/90
RUN TIME 10:37:09

EL PASO NATURAL GAS
SCHEDULE IX
THE 008 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 3
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711	30N 6W SEC. 19 SW/4 SW/4, NW/4, N/2 SW/4	280.00	ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY	TRACT: 012	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	2.450174
SF 080713	30N 6W SEC. 13 LOTS 1-4, W/2 E/2	227.76	ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.	TRACT: 018	3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	1.993042
SF 080713-B	30N 6W SEC. 14 W/2 SEC. 15 SE/4	480.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.	TRACT: 020	15.312500 12.500000 72.187500 100.000000	15.312500 12.500000 72.187500 100.000000	4.200298

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/08/01

RUN DATE 02/06/90
RUN TIME 10:37:09

EL PASO NATURAL GAS
SCHEDULE IX
THE 008 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	669.75		TRACT: 022			5.860729
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4 SEC. 15 LOT 1, NE/NE, S/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00		TRACT: 024			0.700049
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	
	TOTAL				100.000000	100.000000	

NM-03385	30N 6W	1,200.00		TRACT: 025			10.500746
	SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

NM-03403	30N 6W	480.00		TRACT: 026			4.200298
	SEC. 7 S/2 SEC. 8 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 88/08/01

RUN DATE 02/06/90
RUN TIME 10:37:10

EL PASO NATURAL GAS
SCHEDULE IX
THE 008 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
J.C. GOMEZ	30N 6W	130.25		TRACT: 052	15.312500 12.500000	15.312500 12.500000	1.139769
	SEC. 10 A PORTION OF TR 38 SEC. 15 A PORTION OF TR 38		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. PWG PARTNERSHIP PARTNERSHIP PROPERTIES PRUDENTIAL BACHE IIP-10 PRUDENTIAL BACHE IIP-11 PRUDENTIAL BACHE IIP-12 PRUDENTIAL BACHE IIP-13 PRUDENTIAL BACHE IIP-14 PRUDENTIAL BACHE IIP-15 PRUDENTIAL BACHE IIP-16 PRUDENTIAL BACHE IIP-17 PRUDENTIAL BACHE ENERGY PROD		30.937500 13.750000 13.750000 0.316250 0.261250 0.756250 0.935000 0.935000 1.485000 1.292500 3.767500 4.152500 0.783750	30.937500 13.750000 13.750000 0.316250 0.261250 0.756250 0.935000 0.935000 1.485000 1.292500 3.767500 4.152500 0.783750	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

A. GOMEZ	30N 6W	40.00	TRACT: 054	5.000000 12.500000	5.000000 12.500000	0.350025
	SEC. 19 SE/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. THOMAS H & NANCY L HARRINGTON	55.000000 27.500000	55.000000 27.500000	
	TOTAL			100.000000	100.000000	100.000000

EFFECTIVE 88/08/01

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ING AREA:

FED535AP-A
A T T I O N
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 0.00

11,427.76

TOTAL ACRES NON-COMMITTED: 0.00

. RUN DATE 02/06/90
RUN TIME 10:37:10

EL PASO NATURAL GAS
SCHEDULE X
THE 009 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00	TRACT: 002				7.554546
SEC. 12	E/2		ROYALTY:		3.500000	3.500000	
SEC. 13	W/2		WORKING INTEREST:		12.500000	12.500000	
SEC. 14	W/2		EL PASO PRODUCTION CO.		84.000000	84.000000	
		TOTAL			100.000000	100.000000	
NM-012293							
30N	7W	960.00	TRACT: 003				7.554546
SEC. 12	W/2		ROYALTY:		2.500000	2.500000	
SEC. 13	E/2		WORKING INTEREST:		12.500000	12.500000	
SEC. 14	E/2		CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.		42.500000	42.500000	
		TOTAL			100.000000	100.000000	
NM 012694							
30N	7W	320.00	TRACT: 004				2.518182
SEC. 15	E/2		ROYALTY:		2.500000	2.500000	
			WORKING INTEREST:		12.500000	12.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.		42.500000	42.500000	
		TOTAL			100.000000	100.000000	
NM 012710							
30N	7W	640.00	TRACT: 005				5.036364
SEC. 11	E/2		ROYALTY:		3.500000	3.500000	
SEC. 15	W/2		WORKING INTEREST:		12.500000	12.500000	
			EL PASO PRODUCTION CO.		84.000000	84.000000	
		TOTAL			100.000000	100.000000	
SF 079002							
30N	6W	800.00	TRACT: 006				6.295455
SEC. 7	N/2		ROYALTY:		15.312500	15.312500	
SEC. 8	E/2, NW/4		WORKING INTEREST:		12.500000	12.500000	
			EL PASO PRODUCTION CO.		72.187500	72.187500	
		TOTAL			100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59

EFFECTIVE 88/09/01

RUN DATE 02/06/90
RUN TIME 10:37:10

EL PASO NATURAL GAS
SCHEDULE X
THE 009 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF 079382	30N 7W	1,920.00	TRACT: 009				15.109093
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SEC. 23	ALL
SEC. 24	ALL
SEC. 25	ALL

ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND

11.875002	11.875002
12.500000	12.500000
61.875000	61.875000
6.875000	6.875000
0.572916	0.572916
0.572916	0.572916
0.572916	0.572916
5.156250	5.156250
100.000000	100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF 079383	30N 7W	2,240.00	TRACT: 010				17.627274
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SEC. 26	ALL
SEC. 27	E/2
SEC. 34	ALL
SEC. 35	ALL

ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND

11.875002	11.875002
12.500000	12.500000
61.875000	61.875000
6.875000	6.875000
0.572916	0.572916
0.572916	0.572916
0.572916	0.572916
5.156250	5.156250
100.000000	100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/09/01

RUN DATE 02/06/90
RUN TIME 10:37.11

EL PASO NATURAL GAS
SCHEDULE X
THE 009 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711	30N 6W	280.00		TRACT: 012			2.203409
	SEC. 19 SW/4 SW/4, NW/4, N/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	
SF 080713	30N 6W	525.40		TRACT: 018			4.134540
	SEC. 12 LOTS 4,5,NW/4, E/2 SW/4 SEC. 13 LOTS 1-4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 32.955000 41.750000 9.295000	3.500000 12.500000 32.955000 41.750000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF 080713-B	30N 6W	720.00		TRACT: 020			5.665910
	SEC. 14 W/2 SEC. 15 SE/4, SW/4, S/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/09/01

RUN DATE 02/06/90
RUN TIME 10:37:11

EL PASO NATURAL GAS
SCHEDULE X
THE 009 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714	30N 6W	480.02		TRACT: 021			3.777431
	SEC. 11 LOTS 1-8, N/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. GLOBAL NATURAL RESOURCES COR MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNER WI BURDENED BY 3.0% ORRI.

SF-080714-A	30N 6W	742.65		TRACT: 022			5.844149
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4 SEC. 15 LOT 1,2,NE/NE, S/2 NE/4, NW/NW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00		TRACT: 024			0.629546
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 88/09/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03385	30N 6W	1,200.00		TRACT: 025			9.443183
	SEC. 17 ALL		ORRI:		3.000000	3.000000	
	SEC. 18 E/2, SW/4,		ROYALTY:		12.500000	12.500000	
	S/2 NW/4		WORKING INTEREST:		84.500000	84.500000	
			ARCO OIL & GAS COMPANY				
			TOTAL		100.000000	100.000000	
NM-03403	30N 6W	480.00		TRACT: 026			3.777273
	SEC. 7 S/2		ORRI:		3.000000	3.000000	
	SEC. 8 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			ARCO OIL & GAS COMPANY				
			TOTAL		100.000000	100.000000	
NM 06283	30N 6W	160.10		TRACT: 031			1.259878
	SEC. 11 A PORTION OF		ORRI:		3.500000	3.500000	
	TR 39		ROYALTY:		12.500000	12.500000	
	SEC. 12 A PORTION OF		WORKING INTEREST:		41.750000	41.750000	
	TR 39		EL PASO PRODUCTION CO.		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES COR		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION INC.				
			TOTAL		100.000000	100.000000	

REMARKS:
 EPPC WI BURDENED BY 3.5% ORRI.
 OTHER OWNER WI BURDENED BY 3.0% ORRI.

J. C. GOMEZ	30N 6W	159.41		TRACT: 052			1.254448
	SEC. 10 A PORTION OF		ORRI:		15.312500	15.312500	
	TR 38		ROYALTY:		12.500000	12.500000	
	SEC. 11 A PORTION OF		WORKING INTEREST:		30.937500	30.937500	
	TR 38		EL PASO PRODUCTION CO.		13.750000	13.750000	
	SEC. 15 A PORTION OF		PWG PARTNERSHIP		13.750000	13.750000	
	TR 38		PARTNERSHIP PROPERTIES		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-10		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-11		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-12		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-13		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-14		1.292500	1.292500	
			PRUDENTIAL BACHE IIP-15		3.767500	3.767500	

EFFECTIVE 88/09/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE IVP-17				4.152500	4.152500	
	PRUDENTIAL BACHE ENERGY PROD				0.783750	0.783750	
	TOTAL				100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 10.3125% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.

A. GOMEZ	30N	6W	40.00	TRACT: 054	5.000000	5.000000	0.314773
	SEC. 19	SE/4 SW/4			12.500000	12.500000	
				ORRI:	55.000000	55.000000	
				ROYALTY:	27.500000	27.500000	
				WORKING INTEREST:	100.000000	100.000000	
				EL PASO PRODUCTION CO.			
				THOMAS H & NANCY L HARRINGTON			
				TOTAL	100.000000	100.000000	

EFFECTIVE 88/09/01

RUN DATE 02/06/90
RUN TIME 10:37:18

EL PASO NATURAL GAS
SCHEDULE X
R E C A P I T U L A T I O N

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DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N	RANGE 6W	
SECTION 10	: LOTS 1-5,	N/2, W/2 SW/4
SECTION 10	: A PORTION OF	TR 38
SECTION 11	: A PORTION OF	TR 39
SECTION 11	: A PORTION OF	TR 38
SECTION 11	: LOTS 1-8,	N/2
SECTION 12	: LOTS 4,5,NW/4,	E/2 SW/4
SECTION 12	: A PORTION OF	TR 39
SECTION 13	: LOTS 1-4,	W/2 E/2
SECTION 14	: W/2	
SECTION 15	: SE/4, SW/4,	S/2 NE/4
SECTION 15	: LOT 1,2,NE/NE,	S/2 NE/4, NW/NW
SECTION 15	: A PORTION OF	TR 38
SECTION 17	: ALL	
SECTION 18	: N/2 NW/4	
SECTION 18	: E/2, SW/4,	S/2 NW/4
SECTION 19	: SE/4 SW/4	
SECTION 19	: SW/4 SW/4,	NW/4, N/2 SW/4
SECTION 7	: N/2	
SECTION 7	: S/2	
SECTION 8	: SW/4	
SECTION 8	: E/2, NW/4	
TOWNSHIP 30N	RANGE 7W	
SECTION 11	: E/2	
SECTION 12	: E/2	
SECTION 12	: W/2	
SECTION 13	: E/2	
SECTION 13	: W/2	
SECTION 14	: E/2	
SECTION 14	: W/2	
SECTION 15	: E/2	
SECTION 15	: W/2	
SECTION 23	: ALL	
SECTION 24	: ALL	
SECTION 25	: ALL	
SECTION 26	: ALL	
SECTION 27	: E/2	
SECTION 34	: ALL	
SECTION 35	: ALL	
TOTAL COMMITTED:		12,707.58

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

12,707.58

TOTAL ACRES NON-COMMITTED:

0.00

RUN DATE 02/06/90
RUN TIME 10:37:24

EL PASO NATURAL GAS
SCHEDULE XI
THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N 7W		960.00		TRACT: 002			7.368981
SEC. 12	E/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 14	W/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM-012293							
30N 7W		960.00		TRACT: 003			7.368982
SEC. 12	W/2		ORRI:		2.500000	2.500000	
SEC. 13	E/2		ROYALTY:		12.500000	12.500000	
SEC. 14	E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM 012694							
30N 7W		320.00		TRACT: 004			2.456327
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM 012710							
30N 7W		640.00		TRACT: 005			4.912655
SEC. 11	E/2		ORRI:		3.500000	3.500000	
SEC. 15	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
SF 079002							
30N 6W		800.00		TRACT: 006			6.140818
SEC. 7	N/2		ORRI:		15.312500	15.312500	
SEC. 8	E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF 079382 30N 7W 1,920.00 TRACT: 009 14.737964

SEC. 23	ALL	ORRI:	11.875002	11.875002	
SEC. 24	ALL	ROYALTY:	12.500000	12.500000	
SEC. 25	ALL	WORKING INTEREST:			
		EL PASO PRODUCTION CO.	61.874999	61.874999	
		T.H. MCELVAIN OIL & GAS PROP	6.875000	6.875000	
		JAMES M RAYMOND	0.572917	0.572917	
		MAYDELLE MILLER MAST TRUST	0.572916	0.572916	
		CORRINE MILLER GAY TRUST	0.572916	0.572916	
		JAMES M RAYMOND	5.156250	5.156250	
		TOTAL	100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

SF 079383 30N 7W 2,240.00 TRACT: 010 17.194291

SEC. 26	ALL	ORRI:	11.875002	11.875002	
SEC. 27	E/2	ROYALTY:	12.500000	12.500000	
SEC. 34	ALL	WORKING INTEREST:			
SEC. 35	ALL	EL PASO PRODUCTION CO.	61.874999	61.874999	
		T.H. MCELVAIN OIL & GAS PROP	6.875000	6.875000	
		JAMES M RAYMOND	0.572917	0.572917	
		MAYDELLE MILLER MAST TRUST	0.572916	0.572916	
		CORRINE MILLER GAY TRUST	0.572916	0.572916	
		JAMES M RAYMOND	5.156250	5.156250	
		TOTAL	100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 6.875% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

EFFECTIVE 88/10/01

RUN DATE 02/06/90
RUN TIME 10:37:24

EL PASO NATURAL GAS
SCHEDULE XI
THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 3
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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711	30N 6W	280.00		TRACT: 012			2.149286
	SEC. 19 SW/4 SW/4, NW/4, N/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	
	TOTAL						
SF-080712	30N 6W	200.00		TRACT: 015			1.535204
	SEC. 20 W/2 NE, SE/SE, N/2 SE		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	
	TOTAL						
SF 080713	30N 6W	525.40		TRACT: 018			4.032983
	SEC. 12 LOTS 4,5,NW/4, E/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR		3.500000 12.500000 32.955000 41.750000	3.500000 12.500000 32.955000 41.750000	
	SEC. 13 LOTS 1-4, W/2 E/2		EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.		9.295000 100.000000	9.295000 100.000000	
	TOTAL						
REMARKS:							
EPPC WI BURDENED BY 3.5% ORRI. OTHER OWNERS WI BURDENED BY 3.0% ORRI.							
SF 080713-B	30N 6W	720.00		TRACT: 020			5.526736
	SEC. 14 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500 100.000000	15.312500 12.500000 72.187500 100.000000	
	SEC. 15 SE/4, SW/4, S/2 NE/4						
	TOTAL						
REMARKS:							
ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							

EFFECTIVE 88/10/01

RUN DATE 02/06/90
RUN TIME 10:37:25

EL PASO NATURAL GAS
SCHEDULE XI
THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714	30N 6W	480.02		TRACT: 021			3.684645
	SEC. 11 LOTS 1-8, N/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. GLOBAL NATURAL RESOURCES COR MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNER WI BURDENED BY 3.0% ORRI.

SF-080714-A	30N 6W	742.65		TRACT: 022			5.700598
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4 SEC. 15 LOT 1,2,NE/NE, S/2 NE/4, NW/NW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00		TRACT: 024			0.614082
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 88/10/01

*RUN DATE 02/06/90
RUN TIME 10:37:25

EL PASO NATURAL GAS
SCHEDULE XI
THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03385	30N 6W	1,200.00		TRACT: 025			9.211227
	SEC. 17 ALL		ORRI:		3.000000	3.000000	
	SEC. 18 E/2, SW/4,		ROYALTY:		12.500000	12.500000	
	S/2 NW/4		WORKING INTEREST:		84.500000	84.500000	
			ARCO OIL & GAS COMPANY		100.000000	100.000000	
			TOTAL				
					100.000000	100.000000	
NM-03403	30N 6W	480.00		TRACT: 026			3.684491
	SEC. 7 S/2		ORRI:		3.000000	3.000000	
	SEC. 8 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.500000	84.500000	
			ARCO OIL & GAS COMPANY		100.000000	100.000000	
			TOTAL				
					100.000000	100.000000	
NM 06283	30N 6W	160.10		TRACT: 031			1.228931
	SEC. 11 A PORTION OF		ORRI:		3.500000	3.500000	
	TR 39		ROYALTY:		12.500000	12.500000	
	SEC. 12 A PORTION OF		WORKING INTEREST:		41.750000	41.750000	
	TR 39		EL PASO PRODUCTION CO.		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES COR		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION INC.		100.000000	100.000000	
			TOTAL				
					100.000000	100.000000	

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

J.C. GOMEZ	30N 6W	159.41		TRACT: 052			1.223635
	SEC. 10 A PORTION OF		ORRI:		15.312500	15.312500	
	TR 38		ROYALTY:		12.500000	12.500000	
	SEC. 11 A PORTION OF		WORKING INTEREST:		30.937500	30.937500	
	TR 38		EL PASO PRODUCTION CO.		13.750000	13.750000	
	SEC. 15 A PORTION OF		PWG PARTNERSHIP		13.750000	13.750000	
	TR 38		PARTNERSHIP PROPERTIES		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-10		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-11		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-12		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-13		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-14		1.292500	1.292500	
			PRUDENTIAL BACHE IIP-15		3.767500	3.767500	

EFFECTIVE 88/10/01

RUN DATE 02/06/90
RUN TIME 10:37:25

EL PASO NATURAL GAS
SCHEDULE XI
THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE IVP-17				4.152500	4.152500	
	PRUDENTIAL BACHE ENERGY PROD				0.783750	0.783750	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

A. GOMEZ	30N 6W	40.00	TRACT: 054				0.307041
	SEC. 19 SE/4 SW/4				5.000000	5.000000	
			ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		55.000000	55.000000	
			EL PASO PRODUCTION CO.		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON				
			TOTAL		100.000000	100.000000	

A. GOMEZ	30N 6W	40.00	TRACT: 055				0.307041
	SEC. 20 SW/4 SE/4				5.000000	5.000000	
			ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		55.000000	55.000000	
			EL PASO PRODUCTION CO.		27.500000	27.500000	
			THOMAS H & NANCY L HARRINGTON				
			TOTAL		100.000000	100.000000	

A. GOMEZ	30N 6W	80.00	TRACT: 057				0.614082
	SEC. 20 E/2 NE/4				3.000000	3.000000	
			ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		84.500000	84.500000	
			NORTHWEST PIPELINE CORP.				
			TOTAL		100.000000	100.000000	

EFFECTIVE 88/10/01

RUN DATE 02/06/90
RUN TIME 10:37:38

EL PASO NATURAL GAS
SCHEDULE XI
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:		DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:	
TOWNSHIP 30N	RANGE 6W		
SECTION 10	: A PORTION OF	TR 38	
SECTION 10	: LOTS 1-5,	N/2, W/2 SW/4	
SECTION 11	: LOTS 1-8,	N/2	
SECTION 11	: A PORTION OF	TR 38	
SECTION 11	: A PORTION OF	TR 39	
SECTION 12	: A PORTION OF	TR 39	
SECTION 12	: LOTS 4,5,NW/4,	E/2 SW/4	
SECTION 13	: LOTS 1-4,	W/2 E/2	
SECTION 14	: W/2		
SECTION 15	: SE/4, SW/4,	S/2 NE/4	
SECTION 15	: A PORTION OF	TR 38	
SECTION 15	: LOT 1,2,NE/NE,	S/2 NE/4, NW/NW	
SECTION 17	: ALL		
SECTION 18	: E/2, SW/4,	S/2 NW/4	
SECTION 18	: N/2 NW/4		
SECTION 19	: SE/4 SW/4		
SECTION 19	: SW/4 SW/4,	NW/4, N/2 SW/4	
SECTION 20	: W/2 NE, SE/SE,	N/2 SE	
SECTION 20	: E/2 NE/4		
SECTION 20	: SW/4 SE/4		
SECTION 7	: S/2		
SECTION 7	: N/2		
SECTION 8	: E/2, NW/4		
SECTION 8	: SW/4		
TOWNSHIP 30N	RANGE 7W		
SECTION 11	: E/2		
SECTION 12	: E/2		
SECTION 12	: W/2		
SECTION 13	: E/2		
SECTION 13	: W/2		
SECTION 14	: W/2		
SECTION 14	: E/2		
SECTION 15	: W/2		
SECTION 15	: E/2		
SECTION 23	: ALL		
SECTION 24	: ALL		
SECTION 25	: ALL		
SECTION 26	: ALL		
SECTION 27	: E/2		
SECTION 34	: ALL		
SECTION 35	: ALL		
TOTAL COMMITTED:		13,027.58	

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 13,027.58

13,027.58

TOTAL ACRES NON-COMMITTED: 0.00

*UN DATE 02/06/90
RUN TIME 10:37:26

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00	ORRI:	TRACT: 002	3.500000	3.500000	6.908930
SEC. 12	E/2		ROYALTY:		12.500000	12.500000	
SEC. 13	W/2		WORKING INTEREST:		84.000000	84.000000	
SEC. 14	W/2		EL PASO PRODUCTION CO.		100.000000	100.000000	
			TOTAL				
NM-012293							
30N	7W	960.00	ORRI:	TRACT: 003	2.500000	2.500000	6.908930
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
SEC. 13	E/2		WORKING INTEREST:		42.500000	42.500000	
SEC. 14	E/2		CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.		100.000000	100.000000	
			TOTAL				
NM 012694							
30N	7W	320.00	ORRI:	TRACT: 004	2.500000	2.500000	2.302977
SEC. 15	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.		100.000000	100.000000	
			TOTAL				
NM 012710							
30N	7W	640.00	ORRI:	TRACT: 005	3.500000	3.500000	4.605953
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
SEC. 15	W/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.		100.000000	100.000000	
			TOTAL				
SF 079002							
30N	6W	800.00	ORRI:	TRACT: 006	15.312500	15.312500	5.757442
SEC. 7	N/2		ROYALTY:		12.500000	12.500000	
SEC. 8	E/2, NW/4		WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO.		100.000000	100.000000	
			TOTAL				

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/11/01

RUN DATE 02/06/90
RUN TIME 10:37:27

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF 079382	30N 7W	1,920.00	TRACT: 009				13.817860
SEC. 23	ALL		ORRI:		11.875002	11.875002	
SEC. 24	ALL		ROYALTY:		12.500000	12.500000	
SEC. 25	ALL		WORKING INTEREST:				
			EL PASO PRODUCTION CO.				
			T.H. MCELVAIN OIL & GAS PROP		61.875000	61.875000	
			JAMES M RAYMOND		6.875000	6.875000	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORINE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF 079383	30N 7W	2,240.00	TRACT: 010				16.120838
SEC. 26	ALL		ORRI:		11.875002	11.875002	
SEC. 27	E/2		ROYALTY:		12.500000	12.500000	
SEC. 34	ALL		WORKING INTEREST:				
SEC. 35	ALL		EL PASO PRODUCTION CO.		61.875000	61.875000	
			T.H. MCELVAIN OIL & GAS PROP		6.875000	6.875000	
			JAMES M RAYMOND		0.572916	0.572916	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORINE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		100.000000	100.000000	

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 88/11/01

RUN DATE 02/06/90
RUN TIME 10:37:28

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080711	30N 6W SEC. 19 N/2, N/2 S/2, SW/4 SW/4	520.00	ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY	TRACT: 012	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	3.742337
	TOTAL						
SF-080712	30N 6W SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE	440.00	ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY	TRACT: 015	3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	3.166593
	TOTAL						
SF 080713	30N 6W SEC. 12 LOTS 1-6, NW/4, E/2 SW/4, W/2 E/2 SEC. 13 LOTS 1-4, W/2 E/2	752.88	ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.	TRACT: 018	3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	3.500000 12.500000 32.955000 41.750000 9.295000 100.000000	5.418328
	TOTAL						
SF 080713-B	30N 6W SEC. 14 W/2 SEC. 15 SE/4, SW/4, S/2 NE/4	720.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.	TRACT: 020	15.312500 12.500000 72.187500 100.000000	15.312500 12.500000 72.187500 100.000000	5.181698
	TOTAL						
REMARKS:							
EPPC WI BURDENED BY 3.5% ORRI. OTHER OWNER WI BURDENED BY 3.0% ORRI.							
REMARKS:							
ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							

EFFECTIVE 88/11/01

RUN DATE 02/06/90
RUN TIME 10:37:28

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714	30N 6W	480.02	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. GLOBAL NATURAL RESOURCES COR MERIDIAN OIL PRODUCTION INC.	TRACT: 021	3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	3.454609
	SEC. 11 LOTS 1-8, N/2						
	TOTAL				100.000000	100.000000	
REMARKS: EPPC WI BURDENED BY 3.5% ORRI. OTHER OWNERS WI BURDENED BY 3.0% ORRI.							
SF-080714-A	30N 6W	742.65	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.	TRACT: 022	15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	5.344705
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4 SEC. 15 LOT 1,2,NE/NE, S/2 NE/4, NW/NW						
	TOTAL				100.000000	100.000000	
REMARKS: ORRI INCLUDES 10.3125% NPI TO PHILLIPS UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							
NM-03384	30N 6W	80.00	ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.	TRACT: 024	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.575745
	SEC. 18 N/2 NW/4						
	TOTAL				100.000000	100.000000	

EFFECTIVE 88/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-03385	30N 6W	1,200.00	TRACT: 025				
	SEC. 17 ALL		ROYALTY:		3.000000	3.000000	8.636162
	SEC. 18 E/2, SW/4,		WORKING INTEREST:		12.500000	12.500000	
	S/2 NW/4		ARCO OIL & GAS COMPANY		84.500000	84.500000	
	TOTAL				100.000000	100.000000	
NM-03403	30N 6W	480.00	TRACT: 026				
	SEC. 7 S/2		ROYALTY:		3.000000	3.000000	3.454465
	SEC. 8 SW/4		WORKING INTEREST:		12.500000	12.500000	
			ARCO OIL & GAS COMPANY		84.500000	84.500000	
	TOTAL				100.000000	100.000000	
NM 06283	30N 6W	160.10	TRACT: 031				
	SEC. 11 A PORTION OF		ROYALTY:		3.500000	3.500000	1.152209
	TR 39		WORKING INTEREST:		12.500000	12.500000	
	SEC. 12 A PORTION OF		EL PASO PRODUCTION CO.		41.750000	41.750000	
	TR 39		GLOBAL NATURAL RESOURCES COR		32.955000	32.955000	
			MERIDIAN OIL PRODUCTION INC.		9.295000	9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:
 EPPC WI BURDENED BY 3.5% ORRI.
 OTHER OWNER WI BURDENED BY 3.5% ORRI.

J.C. GOMEZ	30N 6W	159.41	TRACT: 052				
	SEC. 10 A PORTION OF		ROYALTY:		15.312500	15.312500	1.147242
	TR 38		WORKING INTEREST:		12.500000	12.500000	
	SEC. 11 A PORTION OF		EL PASO PRODUCTION CO.		30.937500	30.937500	
	TR 38		PWG PARTNERSHIP		13.750000	13.750000	
	SEC. 15 A PORTION OF		PARTNERSHIP PROPERTIES		13.750000	13.750000	
	TR 38		PRUDENTIAL BACHE IIP-10		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-11		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-12		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-13		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-14		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-15		1.292500	1.292500	
			PRUDENTIAL BACHE IIP-16		3.767500	3.767500	

EFFECTIVE 88/11/01

RUN DATE 02/06/90
RUN TIME 10:37:29

EL PASO NATURAL GAS
SCHEDULE XII
THE 011 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	PRUDENTIAL BACHE IVP-17				4.152500	4.152500	
	PRUDENTIAL BACHE ENERGY PROD				0.783750	0.783750	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

A. GOMEZ	30N 6W	160.00	TRACT: 054	5.000000	5.000000	1.151488
	SEC. 19 S/2 S/2			12.500000	12.500000	
			ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	55.000000	55.000000	
			THOMAS H & NANCY L HARRINGTON	27.500000	27.500000	
			TOTAL	100.000000	100.000000	
A. GOMEZ	30N 6W	80.00	TRACT: 055	5.000000	5.000000	0.575744
	SEC. 20 SW/4 SE/4,			12.500000	12.500000	
	SE/4 SW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	55.000000	55.000000	
			THOMAS H & NANCY L HARRINGTON	27.500000	27.500000	
			TOTAL	100.000000	100.000000	
A. GOMEZ	30N 6W	80.00	TRACT: 057	3.000000	3.000000	0.575745
	SEC. 20 E/2 NE/4			12.500000	12.500000	
			ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			NORTHWEST PIPELINE CORP.	84.500000	84.500000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 88/11/01

RUN DATE 02/06/90
RUN TIME 10:37:38

EL PASO NATURAL GAS
SCHEDULE XII
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 10 : A PORTION OF TR 38
SECTION 10 : LOTS 1-5, N/2, W/2 SW/4
SECTION 11 : LOTS 1-8, N/2
SECTION 11 : A PORTION OF TR 38
SECTION 11 : A PORTION OF TR 39
SECTION 12 : A PORTION OF TR 39
SECTION 12 : LOTS 1-6, NW/4, E/2 SW/4, W/2 E/2
SECTION 13 : LOTS 1-4, W/2 E/2
SECTION 14 : W/2
SECTION 15 : SE/4, SW/4, S/2 NE/4
SECTION 15 : A PORTION OF TR 38
SECTION 15 : LOT 1, 2, NE/NE, S/2 NE/4, NW/NW
SECTION 17 : ALL
SECTION 18 : E/2, SW/4, S/2 NW/4
SECTION 18 : N/2 NW/4
SECTION 19 : S/2 S/2
SECTION 19 : N/2, N/2 S/2, SW/4 SW/4
SECTION 20 : W/2 NE, NW/4, N/2 S/2, SE/SE
SECTION 20 : E/2 NE/4
SECTION 20 : SW/4 SE/4, SE/4 SW/4
SECTION 7 : S/2
SECTION 7 : N/2
SECTION 8 : E/2, NW/4
SECTION 8 : SW/4
TOWNSHIP 30N , RANGE 7W
SECTION 11 : E/2
SECTION 12 : E/2
SECTION 12 : W/2
SECTION 13 : E/2
SECTION 13 : W/2
SECTION 14 : W/2
SECTION 14 : E/2
SECTION 15 : W/2
SECTION 15 : E/2
SECTION 23 : ALL
SECTION 24 : ALL
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 34 : ALL
SECTION 35 : ALL
TOTAL COMMITTED: 13,895.06

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 13,895.06

13,895.06

TOTAL ACRES NON-COMMITTED: 0.00

RUN DATE 02/06/90
RUN TIME 12:35:13

EL PASO NATURAL GAS
SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	960.00		TRACT: 002			6.462444
	SEC. 12 E/2		ORRI:		3.500000	3.500000	
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 14 W/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
	TOTAL				100.000000	100.000000	
NM-012293	30N 7W	960.00		TRACT: 003			6.462444
	SEC. 12 W/2		ORRI:		2.500000	2.500000	
	SEC. 13 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 14 E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
	TOTAL		AMOCO PRODUCTION CO.		100.000000	100.000000	
NM 012694	30N 7W	320.00		TRACT: 004			2.154149
	SEC. 15 E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
	TOTAL		AMOCO PRODUCTION CO.		100.000000	100.000000	
NM 012710	30N 7W	640.00		TRACT: 005			4.308296
	SEC. 11 E/2		ORRI:		3.500000	3.500000	
	SEC. 15 W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
	TOTAL				100.000000	100.000000	
SF 079002	30N 6W	800.00		TRACT: 006			5.385370
	SEC. 7 N/2		ORRI:		15.312500	15.312500	
	SEC. 8 E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO.				
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

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RUN DATE 02/06/90
RUN TIME 12:35:13

EL PASO NATURAL GAS
SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF 080180-A	30N 6W	320.00		TRACT: 011			2.154148
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		25.625000 12.500000 61.875000	25.625000 12.500000 61.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 20.625% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00		TRACT: 012			3.500491
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	440.00		TRACT: 015			2.961954
	SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	

SF 080712-A	30N 6W	320.00		TRACT: 016			2.154148
	SEC. 30 E/2		ORRI: ROYALTY: WORKING INTEREST: ANNA LOU HOME AMOCO PRODUCTION CO. CONOCO INC ANN HOME EMERSON TR TERESA HOME MERIDIAN OIL PRODUCTION INC.		12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000	12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/01/01

RUN DATE 02/06/90
RUN TIME 12:35:13

EL PASO NATURAL GAS
SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF 080713	30N 6W	752.88		TRACT: 018			5.068172
	SEC. 12 LOTS 1-6,NW/4, E/2 SW/4, W/2 E/2 SEC. 13 LOTS 1-4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 32.955000 41.750000 9.295000	3.500000 12.500000 32.955000 41.750000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF 080713-B	30N 6W	720.00		TRACT: 020			4.846833
	SEC. 14 W/2 SEC. 15 SE/4, SW/4, S/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.02		TRACT: 021			3.231357
	SEC. 11 LOTS 1-8, N/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. GLOBAL NATURAL RESOURCES COR MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 89/01/01

RUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022			4.999307
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4 SEC. 15 LOT 1,2,NE/NE, S/2 NE/4, NW/NW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00	TRACT: 024				0.538537
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	
	TOTAL				100.000000	100.000000	

NM-03385	30N 6W	1,200.00	TRACT: 025				8.078056
	SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

NM-03403	30N 6W	480.00	TRACT: 026				3.231222
	SEC. 7 S/2 SEC. 8 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

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RUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM 06283	30N 6W	160.10		TRACT: 031			1.077747
SEC. 11	A PORTION OF		ORRI:		3.500000	3.500000	
TR 39			ROYALTY:		12.500000	12.500000	
SEC. 12	A PORTION OF		WORKING INTEREST:		41.750000	41.750000	
TR 39			EL PASO PRODUCTION CO.		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES COR		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION INC.				
					100.000000	100.000000	
			TOTAL				

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

J.C. GOMEZ	30N 6W	159.41	TRACT: 052				1.073102
SEC. 10	A PORTION OF		ORRI:		15.312500	15.312500	
TR 38			ROYALTY:		12.500000	12.500000	
SEC. 11	A PORTION OF		WORKING INTEREST:		30.937500	30.937500	
TR 38			EL PASO PRODUCTION CO.		13.750000	13.750000	
SEC. 15	A PORTION OF		PMG PARTNERSHIP		13.750000	13.750000	
TR 38			PARTNERSHIP PROPERTIES		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-10		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-11		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-12		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-13		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-14		1.292500	1.292500	
			PRUDENTIAL BACHE IIP-15		3.767500	3.767500	
			PRUDENTIAL BACHE IVP-16		4.152500	4.152500	
			PRUDENTIAL BACHE IVP-17		0.783750	0.783750	
			PRUDENTIAL BACHE ENERGY PROD				
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

EFFECTIVE 89/01/01

RUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XII
THE 012 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
A. GOMEZ	30N 6W	160.00		TRACT: 054			1.077074
	SEC. 19 S/2 S/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. THOMAS H & NANCY L HARRINGTON		5.000000 12.500000 55.000000 27.500000 100.000000	5.000000 12.500000 55.000000 27.500000 100.000000	
	TOTAL						0.538537
A. GOMEZ	30N 6W	80.00		TRACT: 055			
	SEC. 20 SW/4 SE/4,		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. THOMAS H & NANCY L HARRINGTON		5.000000 12.500000 55.000000 27.500000 100.000000	5.000000 12.500000 55.000000 27.500000 100.000000	
	SE/4 SW/4						
	TOTAL						0.538538
A. GOMEZ	30N 6W	80.00		TRACT: 057			
	SEC. 20 E/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		3.000000 12.500000 84.500000 100.000000	3.000000 12.500000 84.500000 100.000000	
	TOTAL						100.000000

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DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED:	0.00
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14,855.06

PUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION

NM-012573	30N 7W	960.00		TRACT: 002			6.363811
	SEC. 12 E/2		ORRI:		3.500000	3.500000	
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000	
	SEC. 14 W/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

NM-012293	30N 7W	960.00		TRACT: 003			6.363811
	SEC. 12 W/2		ORRI:		2.500000	2.500000	
	SEC. 13 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 14 E/2		WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

NM 012694	30N 7W	320.00		TRACT: 004			2.121270
	SEC. 15 E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			CONOCO INC		42.500000	42.500000	
			AMOCO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

NM 012710	30N 7W	640.00		TRACT: 005			4.242541
	SEC. 11 E/2		ORRI:		3.500000	3.500000	
	SEC. 15 W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

SF 079002	30N 6W	800.00		TRACT: 006			5.303176
	SEC. 7 N/2		ORRI:		15.312500	15.312500	
	SEC. 8 E/2, NW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		72.187500	72.187500	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 89/06/01

BUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-079074 30N 7W 160.00 TRACT: 008 1.060635

SEC. 22 W/2 E/2 ORRI:
ROYALTY:
WORKING INTEREST:
T.H. MCELVAIN OIL & GAS PROP

TOTAL 12.500000 12.500000 87.500000 100.000000

SF 079382 30N 7W 2,080.00 TRACT: 009 13.788257

SEC. 22 E/2 E/2 ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND

TOTAL 11.875002 11.875002 12.500000 100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF 079383 30N 7W 2,240.00 TRACT: 010 14.848893

SEC. 26 ALL ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO.
T.H. MCELVAIN OIL & GAS PROP
JAMES M RAYMOND
MAYDELLE MILLER MAST TRUST
CORRINE MILLER GAY TRUST
JAMES M RAYMOND

TOTAL 11.875002 11.875002 12.500000 100.000000

REMARKS:

ORRI INCLUDES 6.875% NPI TO PHILLIPS

EFFECTIVE 89/06/01

RUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
UNDER GLA 410 BORNE SOLELY BY EPPC. SUBJECT TO GLA 59.							

SF 080180-A	30N 6W	320.00	TRACT: 011	25.625000	25.625000	2.121270
SEC. 31	E/2			12.500000	12.500000	
			ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.	61.875000	61.875000	
			TOTAL	100.000000	100.000000	

REMARKS:
ORRI INCLUDES 20.625% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00	TRACT: 012	3.000000	3.000000	3.447065
SEC. 19	N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY	12.500000	12.500000	
			84.500000	84.500000		
			TOTAL	100.000000	100.000000	

SF-080712	30N 6W	440.00	TRACT: 015	3.000000	3.000000	2.916747
SEC. 20	W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY	12.500000	12.500000	
			84.500000	84.500000		
			TOTAL	100.000000	100.000000	

SF 080712-A	30N 6W	320.00	TRACT: 016	12.500000	12.500000	2.121270
SEC. 30	E/2		ORRI: ROYALTY: WORKING INTEREST: ANNA LOU HOME AMOCO PRODUCTION CO. CONOCO INC ANN HOME EMERSON TR TERESA HOME MERIDIAN OIL PRODUCTION INC.	12.500000	12.500000	
			14.583333	14.583333		
			12.500000	12.500000		
			12.500000	12.500000		
			2.083333	2.083333		
			2.083334	2.083334		
			31.250000	31.250000		
			TOTAL	100.000000	100.000000	

EFFECTIVE 89/06/01

RUN DATE 02/06/90
RUN TIME 12:35:14

EL PASO NATURAL GAS
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF 080713	30N 6W	752.88		TRACT: 018			4.990819
	SEC. 12 LOTS 1-6, NW/4, E/2 SW/4, W/2 E/2		ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 32.955000 41.750000 9.295000	3.500000 12.500000 32.955000 41.750000 9.295000	
	SEC. 13 LOTS 1-4, W/2 E/2						
	TOTAL				100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF 080713-B	30N 6W	720.00		TRACT: 020			4.772858
	SEC. 14 W/2		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	SEC. 15 SE/4, SW/4, S/2 NE/4						
	TOTAL				100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.02		TRACT: 021			3.182038
	SEC. 11 LOTS 1-8, N/2		ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. GLOBAL NATURAL RESOURCES COR MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 89/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022			4.923005
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4 SEC. 15 LOT 1,2,NE/NE, S/2 NE/4, NW/NW		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:
 ORRI INCLUDES 10.3125% NPI TO PHILLIPS
 UNDER GLA 410 BORNE SOLELY BY EPPC.
 SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00		TRACT: 024			0.530317
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	
	TOTAL				100.000000	100.000000	

NM-03385	30N 6W	1,200.00		TRACT: 025			7.954764
	SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

NM-03403	30N 6W	480.00		TRACT: 026			3.181906
	SEC. 7 S/2 SEC. 8 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 89/06/01

RUN DATE 02/06/90
RUN TIME 12:35:15

EL PASO NATURAL GAS
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 6
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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM 06283							
30N 6W		160.10		TRACT: 031			1.061298
SEC. 11	A PORTION OF		ORRI:		3.500000	3.500000	
TR 39			ROYALTY:		12.500000	12.500000	
SEC. 12	A PORTION OF		WORKING INTEREST:		41.750000	41.750000	
TR 39			EL PASO PRODUCTION CO.		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES COR		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION INC.				
					100.000000	100.000000	
			TOTAL				

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

30N 6W		230.24		TRACT: 039			1.526254
SEC. 36	LOTS 1-4,		ORRI:		21.875000	21.875000	
W/2 E/2			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		65.625000	65.625000	
			EL PASO PRODUCTION CO.				
					100.000000	100.000000	
			TOTAL				

J. C. GOMEZ							
30N 6W		159.41		TRACT: 052			1.056724
SEC. 10	A PORTION OF		ORRI:		15.312500	15.312500	
TR 38			ROYALTY:		12.500000	12.500000	
SEC. 11	A PORTION OF		WORKING INTEREST:		30.937500	30.937500	
TR 38			EL PASO PRODUCTION CO.		13.750000	13.750000	
SEC. 15	A PORTION OF		PWG PARTNERSHIP		13.750000	13.750000	
TR 38			PARTNERSHIP PROPERTIES		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-10		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-11		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-12		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-13		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-14		1.292500	1.292500	
			PRUDENTIAL BACHE IIP-15		3.767500	3.767500	
			PRUDENTIAL BACHE IVP-16		4.152500	4.152500	
			PRUDENTIAL BACHE IVP-17		0.783750	0.783750	
			PRUDENTIAL BACHE ENERGY PROD				
					100.000000	100.000000	
			TOTAL				

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

EFFECTIVE 89/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
A. GOMEZ	30N 6W	160.00		TRACT: 054			1.060635
	SEC. 19 S/2 S/2						
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		55.000000	55.000000	
			THOMAS H & NANCY L HARRINGTON		27.500000	27.500000	
			TOTAL		100.000000	100.000000	
A. GOMEZ	30N 6W	80.00		TRACT: 055			0.530318
	SEC. 20 SW/4 SE/4, SE/4 SW/4						
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		55.000000	55.000000	
			THOMAS H & NANCY L HARRINGTON		27.500000	27.500000	
			TOTAL		100.000000	100.000000	
A. GOMEZ	30N 6W	80.00		TRACT: 057			0.530318
	SEC. 20 E/2 NE/4						
			ORRI:		3.000000	3.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			NORTHWEST PIPELINE CORP.		84.500000	84.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/06/01

TOWNSHIP 30N	RANGE 6W		
SECTION 7	: N/2		
SECTION 8	: E/2, NW/4	TR 38	
SECTION 10	: A PORTION OF	N/2, W/2 SW/4	
SECTION 10	: LOTS 1-5,	TR 39	
SECTION 11	: A PORTION OF	TR 38	
SECTION 11	: LOTS 1-8,	N/2	
SECTION 12	: LOTS 1-6, NW/4,	E/2 SW/4, W/2 E/2	
SECTION 12	: A PORTION OF	TR 39	
SECTION 13	: LOTS 1-4,	W/2 E/2	
SECTION 14	: W/2		
SECTION 15	: SE/4, SW/4,	S/2 NE/4	
SECTION 15	: A PORTION OF	TR 38	
SECTION 15	: LOT 1,2, NE/NE,	S/2 NE/4, NW/NW	
SECTION 17	: ALL		
SECTION 18	: N/2 NW/4		
SECTION 18	: E/2, SW/4,	S/2 NW/4	
SECTION 19	: S/2 S/2		
SECTION 19	: N/2, N/2 S/2,	SW/4 SW/4	
SECTION 20	: W/2 NE, NW/4,	N/2 S/2, SE/SE	
SECTION 20	: E/2 NE/4		
SECTION 20	: SW/4 SE/4,	SE/4 SW/4	
SECTION 30	: E/2		
SECTION 31	: E/2		
SECTION 36	: LOTS 1-4,	W/2 E/2	
SECTION 7	: S/2		
SECTION 8	: SW/4		
TOWNSHIP 30N	RANGE 7W		
SECTION 11	: E/2		
SECTION 12	: W/2		
SECTION 12	: E/2		
SECTION 13	: E/2		
SECTION 13	: W/2		
SECTION 14	: W/2		
SECTION 14	: E/2		
SECTION 15	: W/2		
SECTION 15	: E/2		
SECTION 22	: W/2 E/2		
SECTION 22	: E/2 E/2		
SECTION 23	: ALL		
SECTION 24	: ALL		
SECTION 25	: ALL		
SECTION 26	: ALL		
SECTION 27	: E/2		
SECTION 34	: ALL		
SECTION 35	: ALL		
TOTAL COMMITTED:		15,085.30	
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:		15,085.30	
TOTAL ACRES NON-COMMITTED:		0.00	

RUN DATE 02/06/90
RUN TIME 12:35:15

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	960.00	TRACT: 002				6.104812
	SEC. 14 W/2	ORRI:	ROYALTY:		3.500000	3.500000	
	SEC. 13 W/2	WORKING INTEREST:			12.500000	12.500000	
	SEC. 12 E/2	EL PASO PRODUCTION CO.			84.000000	84.000000	
		TOTAL			100.000000	100.000000	
NM-012293	30N 7W	960.00	TRACT: 003				6.104811
	SEC. 14 E/2	ORRI:	ROYALTY:		2.500000	2.500000	
	SEC. 12 W/2	WORKING INTEREST:			12.500000	12.500000	
	SEC. 13 E/2	CONOCO INC			42.500000	42.500000	
		AMOCO PRODUCTION CO.			42.500000	42.500000	
		TOTAL			100.000000	100.000000	
NM 012694	30N 7W	320.00	TRACT: 004				2.034938
	SEC. 15 E/2	ORRI:	ROYALTY:		2.500000	2.500000	
		WORKING INTEREST:			12.500000	12.500000	
		CONOCO INC			42.500000	42.500000	
		AMOCO PRODUCTION CO.			42.500000	42.500000	
		TOTAL			100.000000	100.000000	
NM 012710	30N 7W	640.00	TRACT: 005				4.069874
	SEC. 15 W/2	ORRI:	ROYALTY:		3.500000	3.500000	
	SEC. 11 E/2	WORKING INTEREST:			12.500000	12.500000	
		EL PASO PRODUCTION CO.			84.000000	84.000000	
		TOTAL			100.000000	100.000000	
SF 079002	30N 6W	800.00	TRACT: 006				5.087344
	SEC. 7 N/2	ORRI:	ROYALTY:		15.312500	15.312500	
	SEC. 8 E/2, NW/4	WORKING INTEREST:			12.500000	12.500000	
		EL PASO PRODUCTION CO.			72.187500	72.187500	
		TOTAL			100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

EFFECTIVE 89/08/01

RUN DATE 02/06/90
*RUN TIME 12:35:16

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF 079074	30N 7W	160.00	ORRI:	TRACT: 008			1.017468
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SEC. 22	W/2 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			T.H. MCELVAIN OIL & GAS PROP		87.500000	87.500000	

TOTAL					100.000000	100.000000	
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SF 079382	30N 7W	2,080.00	ORRI:	TRACT: 009			13.227093
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SEC. 23	ALL		ROYALTY:		11.875002	11.875002	
SEC. 24	ALL		WORKING INTEREST:		12.500000	12.500000	
SEC. 25	ALL		EL PASO PRODUCTION CO.				
SEC. 22	E/2 E/2		T.H. MCELVAIN OIL & GAS PROP		61.875000	61.875000	
			JAMES M RAYMOND		6.875000	6.875000	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORRINE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	

TOTAL					100.000000	100.000000	
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REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF 079383	30N 7W	2,240.00	ORRI:	TRACT: 010			14.244561
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SEC. 26	ALL		ROYALTY:		11.875002	11.875002	
SEC. 35	ALL		WORKING INTEREST:		12.500000	12.500000	
SEC. 27	E/2		EL PASO PRODUCTION CO.				
SEC. 34	ALL		T.H. MCELVAIN OIL & GAS PROP		61.875000	61.875000	
			JAMES M RAYMOND		6.875000	6.875000	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORRINE MILLER GAY TRUST		0.572916	0.572916	
			JAMES M RAYMOND		5.156250	5.156250	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 6.875% NPI TO PHILLIPS

EFFECTIVE 89/08/01

RUN DATE 02/06/90
RUN TIME 12:35:16

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF 080180-A	30N 6W	320.00		TRACT: 011			2.034938
	SEC. 31 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		25.625000 12.500000 61.875000	25.625000 12.500000 61.875000	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 20.625% NP1 TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

SF-080711	30N 6W	520.00		TRACT: 012			3.306773
	SEC. 19 N/2, N/2 S/2, SW/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	

SF-080712	30N 6W	440.00		TRACT: 015			2.798039
	SEC. 20 W/2 NE, NW/4, N/2 S/2, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
			TOTAL		100.000000	100.000000	

SF 080712-A	30N 6W	320.00		TRACT: 016			2.034937
	SEC. 30 E/2		ORRI: ROYALTY: WORKING INTEREST: ANNA LOU HOME AMOCO PRODUCTION CO. CONOCO INC ANN HOME EMERSON TR TERESA HOME MERIDIAN OIL PRODUCTION INC.		12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000	12.500000 12.500000 14.583333 12.500000 12.500000 2.083333 2.083334 31.250000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 89/08/01

RUN DATE 02/06/90
RUN TIME 12:35:16

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF 080713	30N 6W	912.88		TRACT: 018			5.805168
	SEC. 13 LOTS 1-4, W/2 E/2, NW/4 SEC. 12 LOTS 1-6, NW/4 E/2 SW, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 32.955000 41.750000 9.295000	3.500000 12.500000 32.955000 41.750000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

SF 080713-B	30N 6W	1,040.00		TRACT: 020			6.613546
	SEC. 15 SE/4, SW/4, S/2 NE/4 SEC. 14 ALL		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	TOTAL				100.000000	100.000000	

REMARKS:

ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

SF-080714	30N 6W	480.02		TRACT: 021			3.052533
	SEC. 11 LOTS 1-8, N/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. GLOBAL NATURAL RESOURCES COR MERIDIAN OIL PRODUCTION INC.		3.500000 12.500000 41.750000 32.955000 9.295000	3.500000 12.500000 41.750000 32.955000 9.295000	
	TOTAL				100.000000	100.000000	

REMARKS:

EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

EFFECTIVE 89/08/01

RUN DATE 02/06/90
RUN TIME 12:35:16

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080714-A	30N 6W	742.65		TRACT: 022			4.722644
	SEC. 10 LOTS 1-5, N/2, W/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		15.312500 12.500000 72.187500	15.312500 12.500000 72.187500	
	SEC. 15 LOTS 1,2, NE/NE , S/2 NE/4, NW/NW						
	TOTAL				100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.
SUBJECT TO GLA 59.

NM-03384	30N 6W	80.00	TRACT: 024				0.508735
	SEC. 18 N/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	
	TOTAL				100.000000	100.000000	

NM-03385	30N 6W	1,200.00	TRACT: 025				7.631015
	SEC. 17 ALL SEC. 18 E/2, SW/4, S/2 NW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

NM-03403	30N 6W	480.00	TRACT: 026				3.052406
	SEC. 7 S/2 SEC. 8 SW/4		ORRI: ROYALTY: WORKING INTEREST: ARCO OIL & GAS COMPANY		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 89/08/01

RUN DATE 02/06/90
RUN TIME 12:35:16

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 6
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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM 06283							
30N 6W		160.10		TRACT: 031			1.018104
SEC. 12	A PORTION OF		ORRI:		3.500000	3.500000	
TR 39			ROYALTY:		12.500000	12.500000	
SEC. 11	A PORTION OF		WORKING INTEREST:		41.750000	41.750000	
TR 39			EL PASO PRODUCTION CO.		32.955000	32.955000	
			GLOBAL NATURAL RESOURCES COR		9.295000	9.295000	
			MERIDIAN OIL PRODUCTION INC.				
					100.000000	100.000000	
			TOTAL				

REMARKS:
EPPC WI BURDENED BY 3.5% ORRI.
OTHER OWNERS WI BURDENED BY 3.0% ORRI.

30N 6W		230.24		TRACT: 039			1.464138
SEC. 36	LOTS 1-4,		ORRI:		21.875000	21.875000	
W/2 E/2			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		65.625000	65.625000	
			EL PASO PRODUCTION CO.				
					100.000000	100.000000	
			TOTAL				

J.C. GOMEZ							
30N 6W		159.41		TRACT: 052			1.013717
SEC. 10	A PORTION OF		ORRI:		15.312500	15.312500	
TR 38			WORKING INTEREST:		12.500000	12.500000	
SEC. 11	A PORTION OF		EL PASO PRODUCTION CO.				
TR 38			PWG PARTNERSHIP		30.937500	30.937500	
SEC. 15	A PORTION OF		PARTNERSHIP PROPERTIES		13.750000	13.750000	
TR 38			PRUDENTIAL BACHE IIP-10		13.750000	13.750000	
			PRUDENTIAL BACHE IIP-11		0.316250	0.316250	
			PRUDENTIAL BACHE IIP-12		0.261250	0.261250	
			PRUDENTIAL BACHE IIP-13		0.756250	0.756250	
			PRUDENTIAL BACHE IIP-14		0.935000	0.935000	
			PRUDENTIAL BACHE IIP-15		1.485000	1.485000	
			PRUDENTIAL BACHE IIP-16		1.292500	1.292500	
			PRUDENTIAL BACHE IIP-17		3.767500	3.767500	
			PRUDENTIAL BACHE ENERGY PROD		4.152500	4.152500	
					0.783750	0.783750	
			TOTAL		100.000000	100.000000	

REMARKS:
ORRI INCLUDES 10.3125% NPI TO PHILLIPS
UNDER GLA 410 BORNE SOLELY BY EPPC.

EFFECTIVE 89/08/01

RUN DATE 02/06/90
RUN TIME 12:35:17

EL PASO NATURAL GAS
SCHEDULE XV
THE 014 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 7
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
A. GOMEZ	30N 6W	160.00	TRACT: 053				1.017468
	SEC. 13 SW/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		12.500000 87.500000	12.500000 87.500000	
	TOTAL				100.000000	100.000000	
A. GOMEZ	30N 6W	160.00	TRACT: 054				1.017469
	SEC. 19 S/2 S/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. THOMAS H & NANCY L HARRINGTON		5.000000 12.500000 55.000000 27.500000	5.000000 12.500000 55.000000 27.500000	
	TOTAL				100.000000	100.000000	
A. GOMEZ	30N 6W	80.00	TRACT: 055				0.508734
	SEC. 20 SW/4 SE/4, SE/4 SW/4		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. THOMAS H & NANCY L HARRINGTON		5.000000 12.500000 55.000000 27.500000	5.000000 12.500000 55.000000 27.500000	
	TOTAL				100.000000	100.000000	
A. GOMEZ	30N 6W	80.00	TRACT: 057				0.508735
	SEC. 20 E/2 NE/4		ORRI: ROYALTY: WORKING INTEREST: NORTHWEST PIPELINE CORP.		3.000000 12.500000 84.500000	3.000000 12.500000 84.500000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 89/08/01

RUN DATE 02/06/90
RUN TIME 12:35:21

EL PASO NATURAL GAS
SCHEDULE XV
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 10 : LOTS 1-5, N/2, W/2 SW/4
SECTION 10 : A PORTION OF TR 38
SECTION 11 : A PORTION OF TR 38
SECTION 11 : A PORTION OF TR 39
SECTION 11 : LOTS 1-8, N/2
SECTION 12 : LOTS 1-6, NW/4, E/2 SW, W/2 E/2
SECTION 12 : A PORTION OF TR 39
SECTION 13 : SW/4
SECTION 13 : LOTS 1-4, W/2 E/2, NW/4
SECTION 14 : ALL
SECTION 15 : SE/4, SW/4, S/2 NE/4
SECTION 15 : A PORTION OF TR 38
SECTION 15 : LOTS 1,2, NE/NE, S/2 NE/4, NW/NW
SECTION 17 : ALL
SECTION 18 : N/2 NW/4
SECTION 18 : E/2, SW/4, S/2 NW/4
SECTION 19 : S/2 S/2
SECTION 19 : N/2, N/2 S/2, SW/4 SW/4
SECTION 20 : E/2 NE/4
SECTION 20 : SW/4 SE/4, SE/4 SW/4
SECTION 20 : W/2 NE, NW/4, N/2 S/2, SE/SE
SECTION 30 : E/2
SECTION 31 : E/2
SECTION 36 : LOTS 1-4, W/2 E/2
SECTION 7 : S/2
SECTION 7 : N/2
SECTION 8 : E/2, NW/4
SECTION 8 : SW/4
TOWNSHIP 30N , RANGE 7W
SECTION 11 : E/2
SECTION 12 : W/2
SECTION 12 : E/2
SECTION 13 : W/2
SECTION 13 : E/2
SECTION 14 : E/2
SECTION 14 : W/2
SECTION 15 : W/2
SECTION 15 : E/2
SECTION 22 : W/2 E/2
SECTION 22 : E/2 E/2
SECTION 23 : ALL
SECTION 24 : ALL
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 34 : ALL
SECTION 35 : ALL
TOTAL COMMITTED: 15,725.30

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 15,725.30

TOTAL ACRES NON-COMMITTED: 0.00



United States Department of the Interior

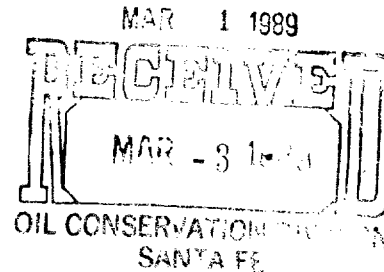
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107



San Juan 30-6
3160 (015)

#493

El Paso Natural Gas Company
Attn: Alan Alexander
P.O. Box 4289
Farmington, NM 87499



Gentlemen:

We have received your letters of October 21, 1988 and February 8, 1989. You requested the approval of the Third through the Sixth Expanded Participating Area, Fruitland Formation, San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The application for approval of the Third Expanded Participating area seeks to add 960 acres described as the W $\frac{1}{2}$ Section 23, W $\frac{1}{2}$ Section 35 W $\frac{1}{2}$ Section 26, T. 30 N., R. 7 W., NMPM, to the Fruitland Participating Area. Contributing to this area is the completion of the San Juan 30-6 Unit Well No. 413 and 414 and the intervening Drilling Block in the W $\frac{1}{2}$ Section 26. The Third Expanded Participating area was approved on this date and is effective November 1, 1987.

The application for approval of the Fourth Expanded Participating Area seeks to add 320 acres described as the E $\frac{1}{2}$ Section 12, T. 3 N., R. 7 W., NMPM, to the Fruitland Participating Area. Contributing to this area is the completion of the San Juan 30-6 Unit Well No. 420. The Fourth Expanded Participating Area was approved on this date and is effective December 1, 1987.

The application for approval of the Fifth Expanded Participating Area seeks to add 2,560 acres described as the E $\frac{1}{2}$ Section 23, W $\frac{1}{2}$ Section 25, W $\frac{1}{2}$ Section 12 E $\frac{1}{2}$ Section 27, W $\frac{1}{2}$ Section 24, E $\frac{1}{2}$ Section 25, E $\frac{1}{2}$ Section 26, and the E $\frac{1}{2}$ Section 11, T. 30 N., R. 7 W., NMPM, to the Fruitland Participating Area. Contributing to this area is the completion of the San Juan 30-6 Unit Well No. 404, No. 411, No. 416, No. 417, No. 418 and No. 419; and the intervening Drilling Blocks in the W $\frac{1}{2}$ Section 25 and W $\frac{1}{2}$ Section 12. The Fifth Expanded Participating Area was approved on this date and is effective January 1, 1988.

The application for approval of the Sixth Expanded Participating Area seeks to add 640 acres described as the E $\frac{1}{2}$ Section 24 and the E $\frac{1}{2}$ Section 13, T. 30 N., R. 7 W., NMPM, to the Fruitland Participating Area. Contributing to this area is the completion of the San Juan 30-6 Unit Well No. 412 and the intervening Drilling Block in the E $\frac{1}{2}$ Section 13. The Sixth Expanded Participating Area was approved on this date and is effective February 1, 1988.

Two additional wells - the San Juan 30-6 Unit Well No. 415 (W $\frac{1}{2}$ Section 26, T. 30 N., R. 7 W.,) and the San Juan 30-6 Unit Well No. 409 (W $\frac{1}{2}$ Section 25, T. 30 N., R. 7 W.,) are capable of producing unitized substances from the Fruitland Formation upon acreage already committed to the Fruitland Participating area. This notice of completion of additional wells is hereby accepted for the record. Wells completed in intervening drilling blocks should not be included in the Expanded Participating Areas, but in a separate section of the request for approval of expanded Participating Areas.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure

cc: ✓ NMOCD (w/o Encl.)



P.O. BOX 4289
FARMINGTON, NEW MEXICO 87404
PHONE 505-325-1811

February 28, 1989

Bureau of Land Management
South Central Region
435 Montano, N.E.
Albuquerque, NM 87107

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1989 Drilling Program

Gentlemen:

By letters dated April 5, 1988, April 27, 1988 and October 19, 1988, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a Drilling Program and First and Second Amendments to said Drilling Program concerning the captioned unit for the calendar year 1988. These programs provided for the drilling of thirty-nine (39) Fruitland formation wells of which twenty-six (26) wells were drilled.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

	Fruitland, Commercial	16
	Fruitland, Being Evaluated	26
*	Fruitland, Plugged & Abandoned	1
	Pictured Cliffs, Plugged & Abandoned	1
	Pictured Cliffs/Mesaverde, Commercial	1
	Mesaverde, Commercial	133
	Mesaverde/Dakota, Dakota, Non-Commercial	1
	Mesaverde, Plugged & Abandoned	7
	Pennsylvanian, Plugged & Abandoned	2
		<u>188</u>

* Formerly Abraham 1 Well

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting a Drilling Program providing for the drilling of the following Fruitland Coal wells during the calendar year 1989. These wells are being carried over from the 1988 Drilling Program.

February 28, 1989

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-6 #401 R	W/2 Section 13, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #406 R	W/2 Section 15, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #422	W/2 Section 27, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #423	E/2 Section 28, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #424	W/2 Section 33, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #425	E/2 Section 33, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #428	W/2 Section 28, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #429	E/2 Section 32, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #442	E/2 Section 14, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 #443	E/2 Section 36, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 #444	W/2 Section 36, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 #445	W/2 Section 13, T-30-N, R-6-W	Fruitland Coal
San Juan 30-6 #461	W/2 Section 11, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #462	W/2 Section 12, T-30-N, R-7-W	Fruitland Coal
San Juan 30-6 #463	E/2 Section 13, T-30-N, R-7-W	Fruitland Coal

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary to desirable by the Unit Operator and working interest owners.

Attached are Participating Area Maps for the Fruitland, Pictured Cliffs and Mesaverde formations. The geologic interpretation for each formation has not changed since the last map submitted. Performance curves for each Participating Area have also previously been furnished.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly



Alan Alexander
Attorney-in-Fact

UWA

AA:VLG:gm
Enclosures
San Juan 30-6 Unit, 3.0
Doc. 180+

cc: Mr. Antonio Martinez, Executive Director
New Mexico Oil & Gas Accounting Division
P.O. Box 2308
Santa Fe, NM 87501

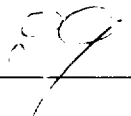
APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED:  _____

The foregoing approvals for the 1989 Drilling Program for the San Juan 30-6
Unit, #14-08-001-538, Rio Arriba County, New Mexico.

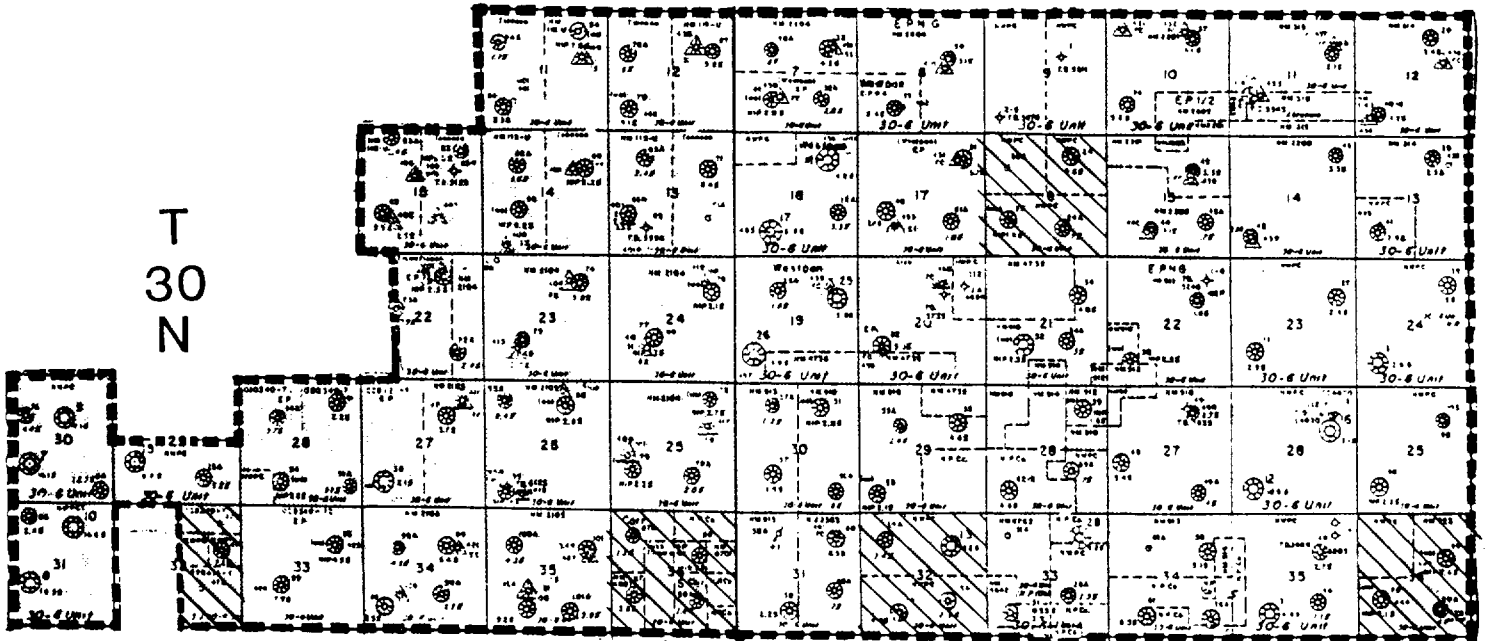
SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	James Montague & Anne M. Colwill Co-Executors Estate of C.W. Colwill
Amoco Production Company	Mr. Wayne Moore & Jo Ann Montgomery Moore
Arco Oil & Gas Company	Mr. Robert Mosbacher
Elizabeth Jeanne Turner Calloway	Northwest Pipeline Corporation
W. P. Carr, Ind. & as Trustee	Partnership Properties Inc.
Conoco, Inc.	Phillips Petroleum Company
James Allison Cozby	PWG Partnership
Cross Timbers Production	Mr. James M. Raymond, Ind. & as Exec & Trustee
Anne Home Emerson, Trustee	Mr. W. H. Sloan
FMP Operating Company	Southland Royalty Company c/o Meridian Oil
Global Natural Resources Corp.	Tenneco Oil Company
Graham Royalty	Texaco Producing Inc.
T. H. & Nancy L. Harrington	Mr. Frederick Eugene Turner
Catherine Harvey	Mr. J. Glenn Turner, Jr.
Tom Home, Executor of the Estate of Ina Belle Hightower	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees
Anna Lou Home	Mr. John Lee Turner
Teresa Home	Mr. Paul H. Umbach
Mr. Barron Kidd	Helen Ulmer Van Atta
Cassandra Keyser	The Wiser Oil Company
Jean E. Keyser	
Koch Industries	
Matagorda Oil Company	
T. H. McElvain, Jr.	
T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	

R7W

R6W

T
30
N



SAN JUAN 30-6 UNIT

☼ Pictured Cliffs

☼ Chacra

☼ Mesaverde

◆ Gallup

☼ Dakota



MESAVERDE PARTICIPATING AREA
30th Expansion Effective 10/1/72



OIL & GAS OWNED BY
STATE OF NEW MEXICO

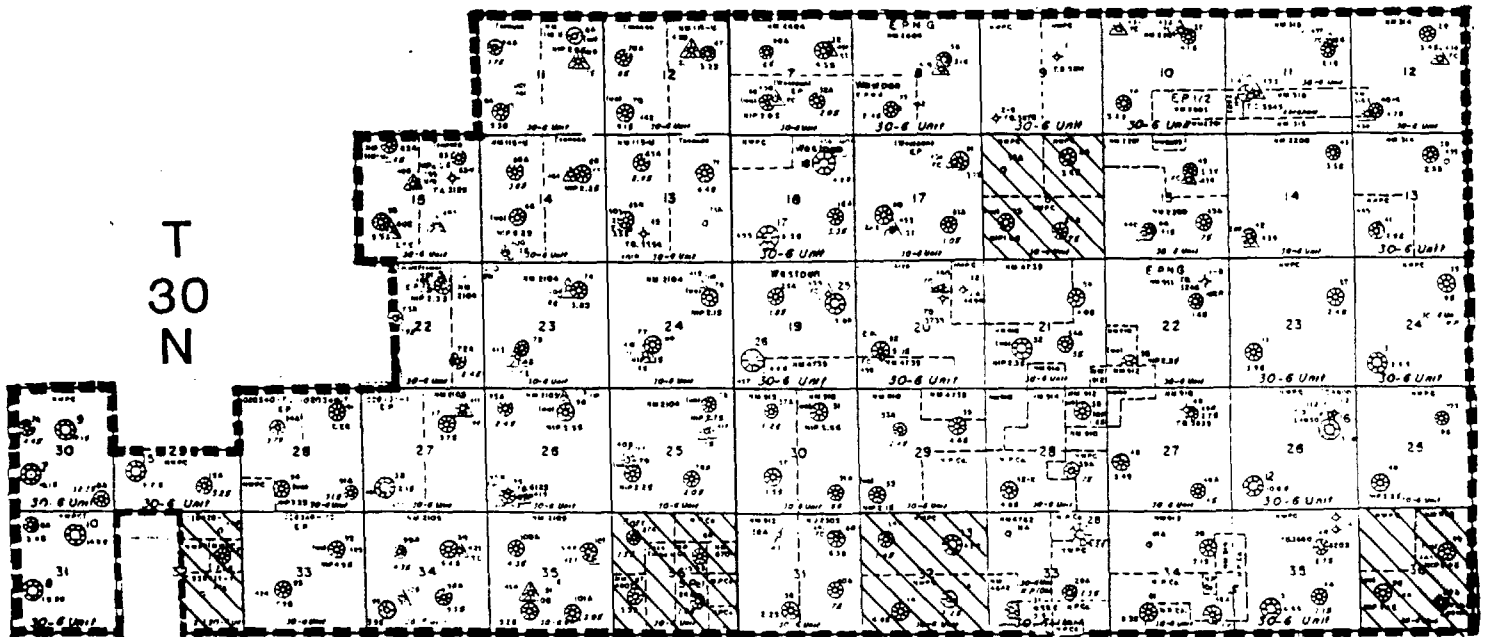
MERIDIAN OIL

LAND DEPARTMENT
February 28, 1989

R7W

R6W

T
30
N



SAN JUAN 30-6 UNIT

✱ Pictured Cliffs

☼ Chacra

⊗ Mesaverde

◆ Gallup

⊠ Dakota



PICTURED CLIFFS PARTICIPATING AREA
Initial Expansion Effective 12/17/83



OIL & GAS OWNED BY
STATE OF NEW MEXICO

MERIDIAN OIL

LAND DEPARTMENT
February 28, 1989



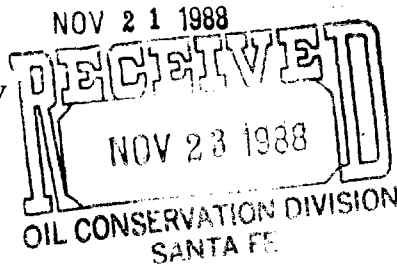
United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107



SJ 30-6 (POD)
3180 (015)

El Paso Natural Gas Company
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499



Gentlemen:

Two approved copies of your second amended 1988 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill seven additional Fruitland Coal wells was approved this date subject to like approval by the appropriate officials of the State of New Mexico.

Starting with the 1989 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.
2. A list showing the status of all wells.
3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.
4. Your plans for development within the unit area for the next year.
5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 761-4503.

Sincerely,
/s/ Gary A. Stephens

Assistant District Manager
Mineral Resources

Enclosure

NMOC

MERIDIAN OIL

April 7, 1989

Bureau of Land Management
South Central Region
435 Montano, N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
1989 Drilling Program
Rio Arriba County, New Mexico

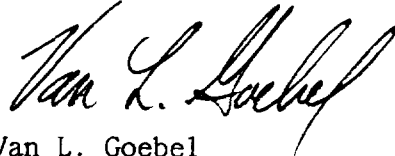
Gentlemen:

The 1989 Drilling Program for the San Juan 30-6 Unit was approved by the regulatory agencies on the dates indicated below:

Bureau of Land Management	3-29-89
Commissioner of Public Lands	4-05-89
Oil Conservation Division	3-20-89

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,



Van L. Goebel
Senior Landman

VLG:gm
San Juan 30-6 Unit, 3.0
Document 180+

Meridian Oil, Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499-4289 Telephone 505-327-0251

T. H. McElvain, Jr.
T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

MERIDIAN OIL

April 7, 1989

Bureau of Land Management
South Central Region
435 Montano, N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
1989 Drilling Program
Rio Arriba County, New Mexico

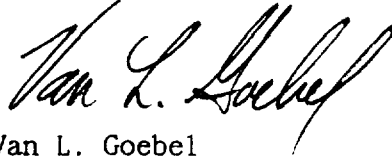
Gentlemen:

The 1989 Drilling Program for the San Juan 30-6 Unit was approved by the regulatory agencies on the dates indicated below:

Bureau of Land Management	3-29-89
Commissioner of Public Lands	4-05-89
Oil Conservation Division	3-20-89

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Very truly yours,



Van L. Goebel
Senior Landman

VLG:gm
San Juan 30-6 Unit, 3.0
Document 180+

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	James Montague & Anne M. Colwill
Amoco Production Company	Co-Executors Estate of C.W. Colwill
Arco Oil & Gas Company	Mr. Wayne Moore & Jo Ann Montgomery Moore
Elizabeth Jeanne Turner Calloway	Mr. Robert Mosbacher
W. P. Carr, Ind. & as Trustee	Northwest Pipeline Corporation
Conoco, Inc.	Partnership Properties Inc.
James Allison Cozby	Phillips Petroleum Company
Cross Timbers Production	PWG Partnership
Anne Home Emerson, Trustee	Mr. James M. Raymond, Ind. & as Exec & Trustee
FMP Operating Company	Mr. W. H. Sloan
Global Natural Resources Corp.	Southland Royalty Company c/o Meridian Oil
Graham Royalty	Tenneco Oil Company
T. H. & Nancy L. Harrington	Texaco Producing Inc.
Catherine Harvey	Mr. Frederick Eugene Turner
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. J. Glenn Turner, Jr.
Anna Lou Home	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees
Teresa Home	Mr. John Lee Turner
Mr. Barron Kidd	Mr. Paul H. Umbach
Cassandra Keyser	Helen Ulmer Van Atta
Jean E. Keyser	The Wiser Oil Company
Koch Industries	
Matagorda Oil Company	
T. H. McElvain, Jr.	
T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. 941

November 15, 1988

El Paso Natural Gas Co.
Attn: Mr. Alan Alexander
P. O. Box 4289
Farmington, New Mexico

Re: 2nd Amended 1988 Plan of Development
San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development.

Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

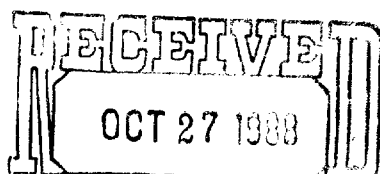
W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

cc: OCD
BLM

El Paso

Natural Gas Company OIL CONSERVATION DIVISION
SANTA FE



P.O. BOX 4289
FARMINGTON, NEW MEXICO 87401
PHONE 505/425-1411

October 21, 1988

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
Attn: Mr. David Catanach
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
Third Expanded Participating Area
Effective November 1, 1987
Fourth Expanded Participating Area
Effective December 1, 1987
Fifth Expanded Participating Area
Effective January 1, 1988
Sixth Expanded Participating Area
Effective February 1, 1988
Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Fruitland Formation and that the Participating Area for the Fruitland Formation is expanded accordingly as follows.

Third Expanded Participating Area -- Effective November 1, 1987

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 23-30N-7W	320.00	#413
W/2 Section 35-30N-7W	320.00	#414
W/2 Section 26-30N-7W	320.00	#415*

*Intervening Drilling Block

The San Juan 30-6 Unit #413 was completed on October 1, 1987. The Fruitland Formation was tested on October 1, 1987, with a cumulative gas production of 1779 MMCF through June 30, 1988. The spacing unit for this well is described as the W/2 of Section 23, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #414 was completed on October 7, 1987. The Fruitland Formation was tested on October 7, 1987, with a cumulative gas production of 85 MMCF through June 30, 1988. The spacing unit for this well is described as the W/2 of Section 35, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #415 was completed on November 24, 1987. The Fruitland Formation was tested on November 24, 1987, with a cumulative gas production of 347 MMCF through June 30, 1988. The spacing unit for this well is described as the W/2 of Section 26, T-30-N, R-7-W, containing 320.00 acres.

Fourth Expanded Participating Area -- Effective December 1, 1987

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 12-30N-7W	320.00	#420

The San Juan 30-6 Unit #420 was completed on November 6, 1987. The Fruitland Formation was tested on November 6, 1987, with a cumulative gas production of 117 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 12, T-30-N, R-7-W, containing 320.00 acres.

Fifth Expanded Participating Area -- Effective January 1, 1988

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 23-30N-7W	320.00	#404
W/2 Section 25-30N-7W	320.00	#409*
W/2 Section 12-30N-7W	320.00	*
E/2 Section 27-30N-7W	320.00	#411
W/2 Section 24-30N-7W	320.00	#416
E/2 Section 25-30N-7W	320.00	#417
E/2 Section 26-30N-7W	320.00	#418
E/2 Section 11-30N-7W	320.00	#419

*Intervening Drilling Block

The San Juan 30-6 Unit #404 was completed on December 17, 1987. The Fruitland Formation was tested on December 17, 1987, with a cumulative gas production of 179 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 23, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #409 was completed on January 1, 1988. The Fruitland Formation was tested on January 1, 1988, with a cumulative gas production of 269 MMCF through June 30, 1988. The spacing unit for this well is described as the W/2 of Section 25, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #411 was completed on December 12, 1987. The Fruitland Formation was tested on December 12, 1987, with a cumulative gas production of 306 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 27, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #416 was completed on December 3, 1987. The Fruitland Formation was tested on December 1, 1987, with a cumulative gas production of 1014 MMCF through June 30, 1988. The spacing unit for this well is described as the W/2 of Section 24, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #417 was completed on December 2, 1987. The Fruitland Formation was tested on December 8, 1987, with a cumulative gas production of 42 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 25, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #418 was completed on December 15, 1987. The Fruitland Formation was tested on December 28, 1987, with a cumulative gas production of 410 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 26, T-30-N, R-7-W, containing 320.00 acres.

The San Juan 30-6 Unit #419 was completed on December 8, 1987. The Fruitland Formation was tested on December 4, 1987, with a cumulative gas production of 171 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 11, T-30-N, R-7-W, containing 320.00 acres.

Sixth Expanded Participating Area -- Effective February 1, 1988

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
E/2 Section 24-30N-7W	320.00	#412
E/2 Section 13-30N-7W	320.00	Intervening Drilling Block

The San Juan 30-6 Unit #412 was completed on January 27, 1988. The Fruitland Formation was tested on January 27, 1988, with a cumulative gas production of 1190 MMCF through June 30, 1988. The spacing unit for this well is described as the E/2 of Section 24, T-30-N, R-7-W, containing 320.00 acres.

Attached hereto are Schedules IV, V, VI and VII showing the Third through Sixth Expanded Participating Areas for the Fruitland Formation of the San Juan 30-6 Unit. These schedules describe the Participating Areas and show the percentage of unitized substances allocated to the tracts according to the ownership within the tracts. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, the Third,

Regulatory Agencies

-4-

October 21, 1988

Fourth, Fifth and Sixth Expanded Participating Areas will become effective as of November 1, 1987, December 1, 1987, January 1, 1988, and February 1, 1988, respectively.

Copies of this letter and schedules are being sent to the working interest owners on the attached list.

Yours very truly,



Alan Alexander

Attorney-in-Fact 

AA:VLG:tlm

Enclosures

San Juan 30-6 Unit, 4.5

Doc. 53+

SAN JUAN 30-6 UNIT
FRUITLAND P/A OWNERS

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company

Conoco, Inc.

T. H. McElvain Oil & Gas Properties

James M. Raymond, et al

RUN DATE 10/20/88
RUN TIME 12:10:18

EL PASO NATURAL GAS
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	640.00		TRACT: 002			22.957500
	SEC. 14 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		3.500000 12.500000 84.000000	3.500000 12.500000 84.000000	
	SEC. 13 W/2						
	TOTAL				100.000000	100.000000	
NM-012293	30N 7W	320.00		TRACT: 003			11.478750
	SEC. 14 E/2		ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.		2.500000 12.500000 42.500000 42.500000	2.500000 12.500000 42.500000 42.500000	
	TOTAL				100.000000	100.000000	
NM 012694	30N 7W	320.00		TRACT: 004			11.478750
	SEC. 15 E/2		ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.		2.500000 12.500000 42.500000 42.500000	2.500000 12.500000 42.500000 42.500000	
	TOTAL				100.000000	100.000000	
USA NM 012710	30N 7W	320.00		TRACT: 005			11.478750
	SEC. 15 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.		3.500000 12.500000 84.000000	3.500000 12.500000 84.000000	
	TOTAL				100.000000	100.000000	
USA SF 079382	30N 7W	320.00		TRACT: 009			11.478750
	SEC. 23 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. T.H. MCELVAIN OIL & GAS PROP MABELLE MILLER ESTATE JAMES M. RAYMOND MAYDELLE MILLER MAST TRUST CORINNE MILLER MAST TRUST		5.000000 12.500000 68.750001 6.875000 5.156250 0.572917 0.572916 0.572916	5.000000 12.500000 68.750001 6.875000 5.156250 0.572917 0.572916 0.572916	
	TOTAL				100.000000	100.000000	

EFFECTIVE 87/11/01

RUN DATE 10/20/88
RUN TIME 12:10:19

EL PASO NATURAL GAS
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 079383	30N 7W	640.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. T.H. MCELVAIN OIL & GAS PROP MABELLE MILLER ESTATE JAMES M. RAYMOND CORINNE MILLER MAST TRUST MAYDELLE MILLER MAST TRUST	TRACT: 010	5.000000 12.500000	5.000000 12.500000	22.957500
SEC. 26	W/2				68.750001	68.750000	
SEC. 35	W/2				6.875000	6.875000	
					5.156250	5.156250	
					0.572917	0.572917	
					0.572916	0.572916	
					0.572916	0.572916	
					100.000000	100.000000	
							8.170000
USA SF 080713	30N 6W	227.76	ORRI: ROYALTY: WORKING INTEREST: GLOBAL NATURAL RESOURCES COR EL PASO PRODUCTION CO. MATAGORDA OIL COMPANY	TRACT: 018	3.500000 12.500000	3.500000 12.500000	
SEC. 13	LOTS 1,2,3,4,				32.760000	32.760000	
W/2 E/2					42.000000	42.000000	
					9.240000	9.240000	
					100.000000	100.000000	

EFFECTIVE 87/11/01

TOWNSHIP 30N

SECTION 13

TOWNSHIP 30N

SECTION 13

SECTION 14

SECTION 14

SECTION 15

SECTION 15

SECTION 23

SECTION 26

SECTION 35

TOTAL COMMITTED:

, RANGE 6W

: LOTS 1,2,3,4, W/2 E/2

, RANGE 7W

: W/2

: E/2

: W/2

: E/2

: W/2

: W/2

: W/2

: W/2

: 2,787.76

TOTAL ACRES NON-COMMITTED:

0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

2,787.76

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W ----- SEC. 14 W/2 SEC. 13 W/2 30N 7W ----- SEC. 12 E/2 ----- TOTAL	960.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.	TRACT: 002	3.500000 12.500000 84.000000	3.500000 12.500000 84.000000	30.890417
NM-012293	30N 7W ----- SEC. 14 E/2 ----- TOTAL	320.00	ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.	TRACT: 003	2.500000 12.500000 42.500000 42.500000 100.000000	2.500000 12.500000 42.500000 42.500000 100.000000	10.296805
NM 012694	30N 7W ----- SEC. 15 E/2 ----- TOTAL	320.00	ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.	TRACT: 004	2.500000 12.500000 42.500000 42.500000 100.000000	2.500000 12.500000 42.500000 42.500000 100.000000	10.296805
USA NM 012710	30N 7W ----- SEC. 15 W/2 ----- TOTAL	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO.	TRACT: 005	3.500000 12.500000 84.000000 100.000000	3.500000 12.500000 84.000000 100.000000	10.296805
USA SF 079382	30N 7W ----- SEC. 23 W/2 ----- TOTAL	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO. T.H. MCELVAIN OIL & GAS PROP MABELLE MILLER ESTATE JAMES M. RAYMOND MAYDELLE MILLER MAST TRUST CORINNE MILLER MAST TRUST	TRACT: 009	5.000000 12.500000 68.750001 6.875000 5.156250 0.572917 0.572916 0.572916	5.000000 12.500000 68.750001 6.875000 5.156250 0.572917 0.572916 0.572916	10.296805

EFFECTIVE 8/7/12/01

RUN DATE 10/20/88
RUN TIME 12:45:45

EL PASO NATURAL GAS
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
TOTAL					100.000000	100.000000	
USA SF 079383 30N 7W							20.593612
SEC. 26 W/2					5.000000	5.000000	
SEC. 35 W/2					12.500000	12.500000	
ORRI:							
ROYALTY:							
WORKING INTEREST:							
EL PASO PRODUCTION CO.					68.750001	68.750001	
T.H. MCELVAIN OIL & GAS PROP					6.875000	6.875000	
MABELLE MILLER ESTATE					5.156250	5.156250	
JAMES M. RAYMOND					0.572917	0.572917	
MAYDELLE MILLER MAST TRUST					0.572916	0.572916	
CORINNE MILLER MAST TRUST					0.572916	0.572916	
TOTAL					100.000000	100.000000	
TRACT: 010							
ORRI:							
ROYALTY:							
WORKING INTEREST:							
GLOBAL NATURAL RESOURCES COR					32.760000	32.760000	
EL PASO PRODUCTION CO.					42.000000	42.000000	
MATAGORDA OIL COMPANY					9.240000	9.240000	
TOTAL					100.000000	100.000000	
TRACT: 018							
ORRI:							
ROYALTY:							
WORKING INTEREST:							
GLOBAL NATURAL RESOURCES COR					32.760000	32.760000	
EL PASO PRODUCTION CO.					42.000000	42.000000	
MATAGORDA OIL COMPANY					9.240000	9.240000	
TOTAL					100.000000	100.000000	

USA SF 080713 30N 6W

227.76

TRACT: 018

7.328751

SEC. 13 LOTS 1,2,3,4,
W/2 E/2

EFFECTIVE 87/12/01

RUN DATE 10/20/88
RUN TIME 12:45:51

EL PASO NATURAL GAS
SCHEDULE V
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:
TOWNSHIP 30N , RANGE 7W
SECTION 12 : E/2
TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, W/2 E/2
TOWNSHIP 30N , RANGE 7W
SECTION 13 : W/2
SECTION 14 : E/2
SECTION 14 : W/2
SECTION 15 : W/2
SECTION 15 : E/2
SECTION 23 : W/2
SECTION 26 : W/2
SECTION 35 : W/2
TOTAL COMMITTED: 3,107.76

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

3,107.76

TOTAL ACRES NON-COMMITTED:

0.00

RUN DATE 10/20/88
RUN TIME 12:27:26

EL PASO NATURAL GAS
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FE0530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00		TRACT: 002			16.937908
SEC. 14	W/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 12	E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
NM-012293							
30N	7W	640.00		TRACT: 003			11.291939
SEC. 14	E/2		ORRI:		2.500000	2.500000	
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			TENNECO OIL COMPANY		42.500000	42.500000	
			CONOCO, INC.				
			TOTAL		100.000000	100.000000	
NM 012694							
30N	7W	320.00		TRACT: 004			5.645969
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			TENNECO OIL COMPANY		42.500000	42.500000	
			CONOCO, INC.				
			TOTAL		100.000000	100.000000	
USA NM 012710							
30N	7W	640.00		TRACT: 005			11.291939
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
			TOTAL		100.000000	100.000000	
USA SF 079382							
30N	7W	1,600.00		TRACT: 009			28.229848
SEC. 23	ALL		ORRI:		5.000000	5.000000	
SEC. 24	W/2		ROYALTY:		12.500000	12.500000	
SEC. 25	ALL		WORKING INTEREST:		68.750001	68.750001	
			EL PASO PRODUCTION CO.		6.875000	6.875000	
			T.H. MCELVAIN OIL & GAS PROP		5.156250	5.156250	
			MABELLE MILLER ESTATE		0.572917	0.572917	
			JAMES M. RAYMOND		0.572916	0.572916	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER MAST TRUST				
			TOTAL		100.000000	100.000000	

EFFECTIVE 88/01/01

RUN DATE 10/20/88
RUN TIME 12:27:27

EL PASO NATURAL GAS
SCHEDULE VI
THE 005 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 079383	30N 7W	1,280.00		TRACT: 010	5.000000 12.500000	5.000000 12.500000	22.583878
SEC. 26	ALL		ORRI:				
SEC. 35	W/2		ROYALTY:				
SEC. 27	E/2		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		68.750001	68.750001	
			T.H. MCELVAIN OIL & GAS PROP		6.875000	6.875000	
			MABELLE MILLER ESTATE		5.156250	5.156250	
			JAMES M. RAYMOND		0.572917	0.572917	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER MAST TRUST		0.572916	0.572916	
			TOTAL		100.000000	100.000000	
USA SF 080713	30N 6W	227.76		TRACT: 018			4.018519
SEC. 13	LOTS 1,2,3,4,		ORRI:		3.500000	3.500000	
W/2 E/2			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			GLOBAL NATURAL RESOURCES COR		32.760000	32.760000	
			EL PASO PRODUCTION CO.		42.000000	42.000000	
			MATAGORDA OIL COMPANY		9.240000	9.240000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 88/01/01

RUN DATE 10/20/88
RUN TIME 12:27:32

EL PASO NATURAL GAS
SCHEDULE VI
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N . RANGE 6W
SECTION 13 : LOTS 1,2,3,4, W/2 E/2
TOWNSHIP 30N . RANGE 7W
SECTION 11 : E/2
SECTION 12 : E/2
SECTION 12 : W/2
SECTION 13 : W/2
SECTION 14 : W/2
SECTION 14 : E/2
SECTION 15 : W/2
SECTION 15 : E/2
SECTION 23 : ALL
SECTION 24 : W/2
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 35 : W/2
TOTAL COMMITTED: 5,667.76

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 5,667.76

RUN DATE 10/20/88
RUN TIME 12:27:27

EL PASO NATURAL GAS
SCHEDULE VII
THE 006 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573							
30N	7W	960.00		TRACT: 002			15.219349
SEC. 14	W/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
SEC. 12	E/2		WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
TOTAL					100.000000	100.000000	
NM-012293							
30N	7W	960.00		TRACT: 003			15.219349
SEC. 14	E/2		ORRI:		2.500000	2.500000	
SEC. 12	W/2		ROYALTY:		12.500000	12.500000	
SEC. 13	E/2		WORKING INTEREST:		42.500000	42.500000	
			TENNECO OIL COMPANY		42.500000	42.500000	
			CONOCO, INC.				
TOTAL					100.000000	100.000000	
NM 012694							
30N	7W	320.00		TRACT: 004			5.073116
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		42.500000	42.500000	
			TENNECO OIL COMPANY		42.500000	42.500000	
			CONOCO, INC.				
TOTAL					100.000000	100.000000	
USA NM 012710							
30N	7W	640.00		TRACT: 005			10.146233
SEC. 15	W/2		ORRI:		3.500000	3.500000	
SEC. 11	E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		84.000000	84.000000	
			EL PASO PRODUCTION CO.				
TOTAL					100.000000	100.000000	
USA SF 079382							
30N	7W	1,920.00		TRACT: 009			30.438698
SEC. 23	ALL		ORRI:		5.000000	5.000000	
SEC. 24	ALL		ROYALTY:		12.500000	12.500000	
SEC. 25	ALL		WORKING INTEREST:		68.750001	68.750001	
			EL PASO PRODUCTION CO.		6.875000	6.875000	
			T.H. MCELVAIN OIL & GAS PROP		5.156250	5.156250	
			MABELLE MILLER ESTATE		0.572917	0.572917	
			JAMES M. RAYMOND		0.572916	0.572916	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER MAST TRUST				
TOTAL					100.000000	100.000000	

EFFECTIVE 88/02/01

RUN DATE 10/20/88
RUN TIME 12:27:28

EL PASO NATURAL GAS
SCHEDULE VII
THE 006 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 2
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 079383	30N 7W	1,280.00	TRACT: 010				20.292465
SEC. 26	ALL		ORRI:		5.000000	5.000000	
SEC. 35	W/2		ROYALTY:		12.500000	12.500000	
SEC. 27	E/2		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		68.750001	68.750001	
			T.H. MCELVAIN OIL & GAS PROP		6.875000	6.875000	
			MABELLE MILLER ESTATE		5.156250	5.156250	
			JAMES M. RAYMOND		0.572917	0.572917	
			MAYDELLE MILLER MAST TRUST		0.572916	0.572916	
			CORINNE MILLER MAST TRUST		0.572916	0.572916	
			TOTAL		100.000000	100.000000	
USA SF 080713	30N 6W	227.76	TRACT: 018				3.610790
SEC. 13	LOTS 1,2,3,4,		ORRI:		3.500000	3.500000	
W/2 E/2			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			GLOBAL NATURAL RESOURCES COR		32.760000	32.760000	
			EL PASO PRODUCTION CO.		42.000000	42.000000	
			MATAGORDA OIL COMPANY		9.240000	9.240000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 88/02/01

TOWNSHIP 30N	, RANGE 6W
SECTION 13	: LOTS 1,2,3,4, W/2 E/2
TOWNSHIP 30N	, RANGE 7W
SECTION 11	: E/2
SECTION 12	: E/2
SECTION 12	: W/2
SECTION 13	: W/2
SECTION 13	: E/2
SECTION 14	: E/2
SECTION 14	: W/2
SECTION 15	: W/2
SECTION 15	: E/2
SECTION 23	: ALL
SECTION 24	: ALL
SECTION 25	: ALL
SECTION 26	: ALL
SECTION 27	: E/2
SECTION 35	: W/2
TOTAL COMMITTED:	6,307.76

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:	6,307.76	TOTAL ACRES NON-COMMITTED:	0.00
--	----------	----------------------------	------

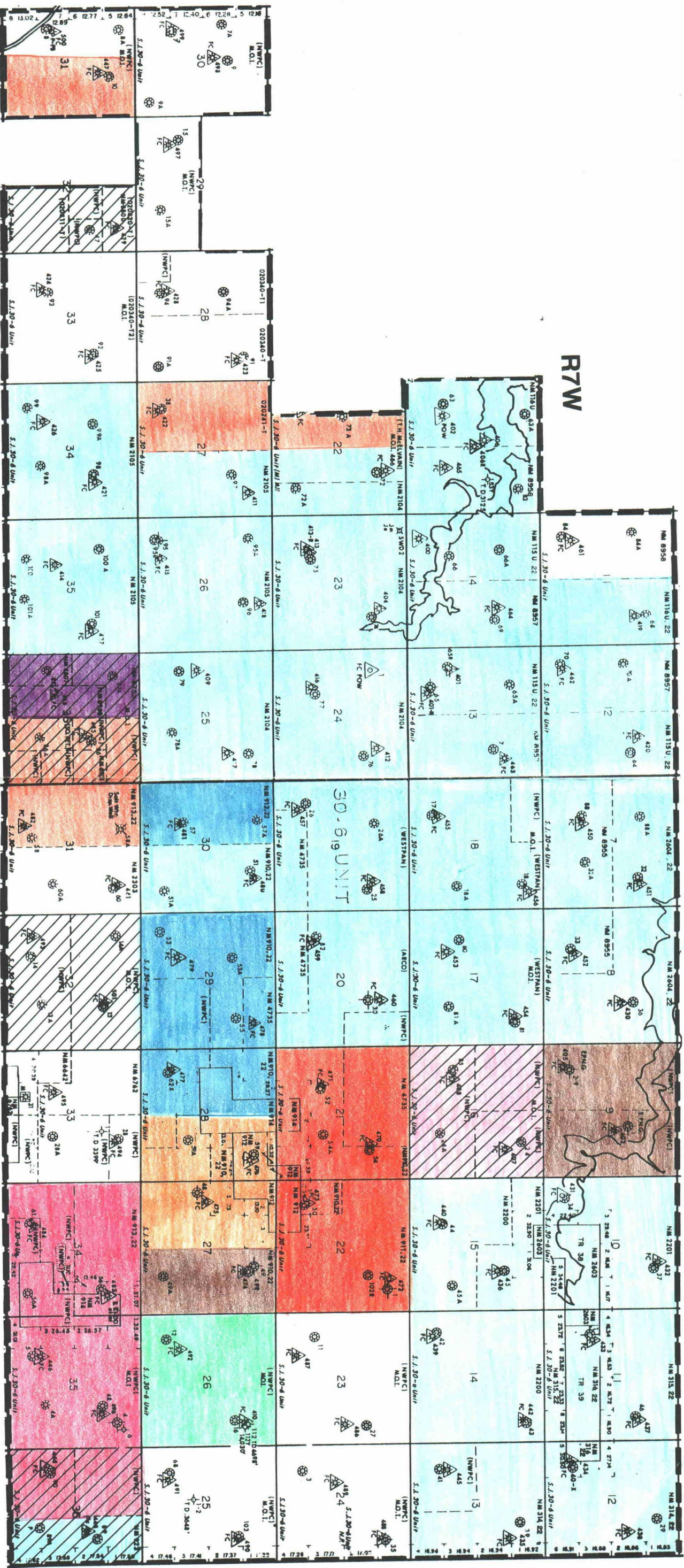
Table 1
San Juan 30-6 Unit Commercialities
Gross Production, Reserves, and Cost Summary

<u>Well</u>	<u>Cum Gas Production Thru 6-30-88 (MMCF)</u>	<u>Cum Gross Capital Costs Thru 6-30-88 (M\$)</u>
S.J. 30-6 Unit #404	179	1377
S.J. 30-6 Unit #409	269	599
S.J. 30-6 Unit #411	306	513
S.J. 30-6 Unit #412	1190	1731
S.J. 30-6 Unit #413	1779	620
S.J. 30-6 Unit #414	85	621
S.J. 30-6 Unit #415	347	500
S.J. 30-6 Unit #416	1014	559
S.J. 30-6 Unit #417	42	594
S.J. 30-6 Unit #418	410	466
S.J. 30-6 Unit #419	171	1002
S.J. 30-6 Unit #420	117	702

Table 2
San Juan 30-6 Unit Commercialities
Summary of Economic Indicators

<u>Well</u>	<u>Test Date</u>	<u>Effective PA Date</u>	<u>PA Expansion No.</u>	<u>ATBOR (%)</u>	<u>NPV @ 12% (M\$)</u>	<u>P/I (\$/\$)</u>	<u>Payout (Yrs.)</u>
404	12-17-87	01-01-88	5	46.69	1178.8	1.03	2.51
409	01-01-88	01-01-88	5	92.63	1255.3	2.51	1.46
411	12-12-87	01-01-88	5	140.64	1666.7	3.90	1.15
412	01-27-88	02-01-88	6	174.29	3501.0	2.43	0.92
413	10-01-87	11-01-87	3	205.84	1564.8	3.03	0.76
414	10-07-87	11-01-87	3	23.75	201.1	0.39	4.01
415	11-24-87	11-01-87	3	100.21	1013.4	2.43	1.41
416	12-01-87	01-01-88	5	373.80	2590.0	5.56	0.59
417	12-08-87	01-01-88	5	22.90	214.7	0.43	4.21
418	12-28-87	01-01-88	5	209.41	1497.6	3.86	0.86
419	12-04-87	01-01-88	5	46.74	1007.5	1.01	2.56
420	11-06-87	12-01-87	4	25.55	335.7	0.48	3.82

R6W



R7W

Pending Expansion to Fruitland Participating Area

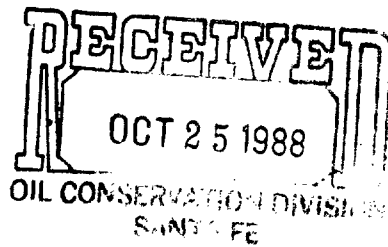
- 15th expansion - Expansion 10/1/89
- 16th expansion - Effective 11/1/89
- 17th expansion - Effective 12/1/89
- 18th expansion - Effective 1/1/90
- 19th expansion - Effective 2/1/90
- 20th expansion - Effective 3/1/90
- 21st expansion - Effective 4/1/90
- 22nd expansion - Effective 5/1/90
- 23rd expansion - Effective 6/1/90

APPROVED FRUITLAND PARTICIPATING AREA

OIL & GAS OWNED BY STATE OF NEW MEXICO

- Fruitland
- Pictured Cliffs
- Chacra
- Mesaverde
- Gallup
- Dakota

El Paso
Natural Gas Company



P. O. BOX 4289
FARMINGTON, NEW MEXICO 87401
PHONE (505) 504441

October 19, 1988

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
SECOND AMENDMENT --
1988 Drilling Program

Gentlemen:

By letter dated April 5, 1988, and April 27, 1988 El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program for the calendar year 1988.

Subsequent to the submittal of said letters of April 5, 1988, and April 27, 1988, additional wells have been proposed to be drilled under the 1988 Drilling Program. The wells proposed to be drilled are as follows:

<u>WELL</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#401R	W/2 Section 13, T30N, R7W	Fruitland Coal
#406R	W/2 Section 15, T30N, R7W	Fruitland Coal
#442	E/2 Section 14, T30N, R7W	Fruitland Coal
#443	E/2 Section 36, T30N, R6W	Fruitland Coal
#444	W/2 Section 36, T30N, R6W	Fruitland Coal
#445	W/2 Section 13, T30N, R6W	Fruitland Coal
#466	E/2 Section 22, T30N, R7W	Fruitland Coal

Bureau of Land Management,
Commissioner of Public Lands,
Oil Conservation Division

-2-

October 19, 1988

All necessary working interest owners have been contacted and advised of the Second Amendment to the Drilling Program in accordance with the Unit Agreement.

If this Second Amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in cursive script that reads "Alan Alexander".

Alan Alexander
Attorney-in-Fact 

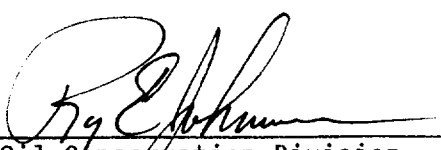
AA/VLG:gm
Attachments
San Juan 30-6 Unit, 3.0
Document 53+

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 10-27-88

The foregoing approvals for the Second Amendment to the 1988 Drilling Program
for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	James Montague & Anne M. Colwill Co-Executors Estate of C.W. Colwill
Amoco Production Company	Mr. Wayne Moore & Jo Ann Montgomery Moore
Arco Oil & Gas Company	Mr. Robert Mosbacher
Elizabeth Jeanne Turner Calloway	Northwest Pipeline Corporation
W. P. Carr, Ind. & as Trustee	Partnership Properties Inc.
Conoco, Inc.	Phillips Petroleum Company
James Allison Cozby	PWG Partnership
Cross Timbers Production	Mr. James M. Raymond, Ind. & as Executor & Trustee
Anne Home Emerson, Trustee	Mr. W. H. Sloan
FMP Operating Company	Southland Royalty Company c/o Meridian Oil
Global Natural Resources Corp.	Tenneco Oil Company
T. H. & Nancy L. Harrington	Texaco Producing Inc.
Catherine Harvey	Mr. Frederick Eugene Turner
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. J. Glenn Turner, Jr.
Anna Lou Home	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees
Teresa Home	Mr. John Lee Turner
Mr. Barron Kidd	Mr. Paul H. Umbach
Cassandra Keyser	Helen Ulmer Van Atta
Jean E. Keyser	The Wiser Oil Company
Koch Industries	
Matagorda Oil Company	
T. H. McElvain, Jr.	
T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	

Tenneco Oil Company

A Tenneco Company

Rocky Mountain Division
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado 80111



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 23, 1988

Bureau of Land Management
New Mexico State Office
P.O. Box 1449
Santa Fe, New Mexico 87504-1449

Re: Decision 3165.3 (922)
SDR 88-20
First and Second Revisions to the
Fruitland Participating Area (PA),
San Juan 30-6 Unit
14-08-001-538

Gentlemen:

NOTICE OF APPEAL

Tenneco Oil Company hereby gives notice that it intends to appeal the Decision issued April 29, 1988, Serial No. 3165-3 (922), San Juan 30-6 Unit, SDR 88-20.

Very truly yours,

TENNECO OIL COMPANY

By: *David L. Motloch*
David L. Motloch
Division Attorney

DLM/ps/4763L

cc: The Field Solicitor (By Certified Mail)
United States Department of the Interior
P.O. Box 1042
Santa Fe, New Mexico 87504-1042

MERIDIAN OIL

May 16, 1988

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit
Initial through Second Expansions
Fruitland Formation
Rio Arriba County, New Mexico

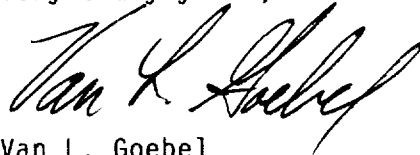
Gentlemen;

The referenced expansion were sent to you for approval on 12-18-87 and again on 4-12-88 with the Bureau of Land Management's approval date.

Since that time we were advised of an error in the description and number of acres in Tract 18.

We are enclosing the revised expansion for your approval.

Very truly yours,



Van L. Goebel
Senior Landman

VLG:BAS:gm

San Juan 30-6 Unit, 4.5

Document 81+

RUN DATE 04/06/88
RUN TIME 12:09:08

Meridian Oil Company
Schedule I
The Initial Expanded Participating Area for Fruitland Formation
San Juan 30-6 Unit Area

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 080713	30N 6W	227.76		TRACT: 018			100.000000
	SEC. 13 LOTS 1,2,3,4, W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO MATAGORDA OIL COMPANY GLOBAL NATURAL RESOURCES COR		3.500000 12.500000 42.000000 9.240000 32.760000	3.500000 12.500000 42.000000 9.240000 32.760000	.....
	TOTAL				100.000000	100.000000	

EFFECTIVE 53/04/30

RUN DATE 04/06/88
RUN TIME 12:09:21

MERIDIAN OIL COMPANY
SCHEDULE 1
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, W/2 E/2
TOTAL COMMITTED: 227.76

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 227.76

RUN DATE 04/06/88
RUN TIME 12:09:08

MERIDIAN OIL COMPANY
SCHEDULE 11
THE 001 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	320.00		TRACT: 002			58.419745
SEC. 14	W/2		ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
USA SF 080713	30N 6W	227.76		TRACT: 018			41.580254
SEC. 13	LOTS 1,2,3,4, W/2 E/2		ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		42.000000	42.000000	
			MATAGORDA OIL COMPANY		9.240000	9.240000	
			GLOBAL NATURAL RESOURCES COR		32.760000	32.760000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 86/01/01

RUN DATE 04/06/88
RUN TIME 12:09:21

MERIDIAN OIL COMPANY
SCHEDULE II
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 13 : LOTS 1,2,3,4, W/2 E/2
TOWNSHIP 30N , RANGE 7W
SECTION 14 : W/2
TOTAL COMMITTED: 547.76

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

547.76

RUN DATE 04/06/88
RUN TIME 12:09:10

MERIDIAN OIL COMPANY
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012573	30N 7W	640.00		TRACT: 002			35.015538
	SEC. 14 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO		3.500000 12.500000 84.000000	3.500000 12.500000 84.000000	
	SEC. 13 W/2						
	TOTAL				100.000000	100.000000	
NM-012293	30N 7W	320.00		TRACT: 003			17.507769
	SEC. 14 E/2		ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.		2.500000 12.500000 42.500000 42.500000	2.500000 12.500000 42.500000 42.500000	
	TOTAL				100.000000	100.000000	
NM 012694	30N 7W	320.00		TRACT: 004			17.507769
	SEC. 15 E/2		ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.		2.500000 12.500000 42.500000 42.500000	2.500000 12.500000 42.500000 42.500000	
	TOTAL				100.000000	100.000000	
USA NM 012710	30N 7W	320.00		TRACT: 005			17.507769
	SEC. 15 W/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO		3.500000 12.500000 84.000000	3.500000 12.500000 84.000000	
	TOTAL				100.000000	100.000000	
USA SF 080713	30N 6W	227.76		TRACT: 018			12.461154
	SEC. 13 W/2 E/2		ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO MATAGORDA OIL COMPANY GLOBAL NATURAL RESOURCES COR		3.500000 12.500000 42.000000 9.240000 32.760000	3.500000 12.500000 42.000000 9.240000 32.760000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 86/05/01

RUN DATE 04/06/88
RUN TIME 12:09:21

MERIDIAN OIL COMPANY
SCHEDULE III
R E C A P I T U L A T I O N

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, W/2 E/2
TOWNSHIP 30N , RANGE 7W
SECTION 13 : W/2
SECTION 14 : W/2
SECTION 14 : E/2
SECTION 15 : W/2
SECTION 15 : E/2
TOTAL COMMITTED: 1,827.76

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 1,827.76

DATE: 04/18/88

MERIDIAN OIL INC.
EXPANSION ORDERS BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE : 1

UNIT NAME : SAN JUAN 30-6

UNIT	FORMATION NAME	EXP	COMTD. ACRES	WI OWNER	PART/FACTOR	REV. FACTOR
692	FRUITLAND	000	113.88	EL PASO NATURAL GAS CO	50.000000	42.000000
			88.83	GLOBAL NATURAL RESOURCES CORP.	39.001581	32.760000
			25.05	MATAGORDA OIL COMPANY	10.998419	9.240000
			227.76		100.000000	84.000000

DATE: 04/18/88

MERIDIAN OIL, INC.
EXPANSION ORDERS BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE : 2

UNIT NAME : SAN JUAN 30-6

UNIT	FORMATION NAME	EXP	COMTE	ACRES	WI OWNER	PART/FACTOR	REV. FACTOR
692	FRUITLAND	001	433.88	EL PASO NATURAL GAS CO	79.209873	66.536294	
			88.83	GLOBAL NATURAL RESOURCES CORP.	16.216956	13.621691	
			25.05	MATAGORDA OIL COMPANY	4.573171	3.842015	
			547.76		100.000000	84.000000	

DATE: 04/18/88

MERIDIAN OIL INC.
EXPANSION ORDERS BILLING ANALYSIS
SUMMARY BY OWNER

FED552NB
PAGE : 3

UNIT NAME : SAN JUAN 30-6

UNIT	FORMATION NAME	EXP	COMTE.	ACRES	WI OWNER	PART/FACTOR	REV. FACTOR
692	FRUITLAND	002	320.00	CONOCO, INC.	17.507770	14.881604	
			1,073.88	EL PASO NATURAL GAS CO	58.753883	49.353263	
			88.83	GLOBAL NATURAL RESOURCES CORP.	4.860047	4.082274	
			25.05	MATAGORDA OIL COMPANY	1.370530	1.151411	
			320.00	TENNECO OIL COMPANY	17.507770	14.881604	
			1,827.76		100.000000	84.350156	

04/18/88

MERIDIAN OIL, INC.
EXPANSION ORDERS BILLING ANALYSIS

FED551NB
PAGE : 1

UNIT NAME : SAN JUAN 30-6

UNIT	FORMATION NAME	EXP	TRT	COM. ACRES	WI OWNER	COM. COST%	COST% FORM
692	FRUITLAND	000	018	25.05	MATAGORDA OIL COMPANY	11.000000	10.998419
				88.83	GLOBAL NATURAL RESOURCES CORP.	39.000000	39.001581
				113.88	EL PASO NATURAL GAS CO	50.000000	50.000000
				227.76			100.000000

04/18/88

EXPANSION ORDERS BILLING ANALYSIS

FED551NB
PAGE : 3

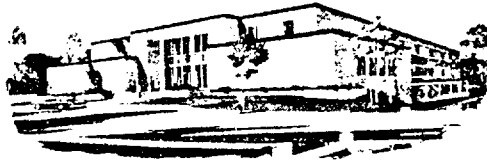
UNIT NAME : SAN JUAN 30-6

UNIT	FORMATION NAME	EXP	TRT	COM.	ACRES	WI OWNER	COM. COST%	COST% FORM
692	FRUITLAND	002	002		640.00	EL PASO NATURAL GAS CO	100.000000	35.015538
			003		160.00	TENNECO OIL COMPANY	50.000000	8.753885
					160.00	CONOCO, INC.	50.000000	8.753885
			004		160.00	TENNECO OIL COMPANY	50.000000	8.753885
					160.00	CONOCO, INC.	50.000000	8.753885
			005		320.00	EL PASO NATURAL GAS CO	100.000000	17.507769
			018		25.05	MATAGORDA OIL COMPANY	11.000000	1.370530
					88.83	GLOBAL NATURAL RESOURCES CORP.	39.000000	4.860047
					113.88	EL PASO NATURAL GAS CO	50.000000	6.230576
					1,827.76			100.000000

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO OG-782

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

May 9, 1988

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 4289
Farmington, New Mexico 87499

Re: 1988 Plan of Development
San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

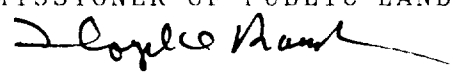
Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP: pm
encls.
cc: OCD
BLM

MAY 05 1988

San Juan 30-6 (POB)
3180 (015)

El Paso Natural Gas Company
ATTN: Van Goble
P.O. Box 4990
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1988 Plan of Development and your first amendment for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of 32 Fruitland Coal Formation wells is approved on this date subject to like approval by the appropriate officials of the State of New Mexico. (See Plans of Development for listings of the wells.)

Starting with the 1989 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.
2. A list showing the status of all wells.
3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.
4. Your plans for development within the unit area for the next year.
5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted at a later date about this possibility.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure

cc:

NM-019

✓ NMOCD, Santa Fe w/o encl

Comm of Pub. Lands, Santa Fe w/o encl

015:SBryant:ja:4/27/88:4116M

April 27, 1988

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
FIRST AMENDMENT -- 1988 Drilling
Program

Gentlemen:

By letter dated April 5, 1988, El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program for the calendar year 1988.

Subsequent to the submittal of said letter of April 5, 1988, twenty five (25) additional wells have been proposed to be drilled under the 1988 Drilling Program. The wells proposed to be drilled are as follows:

<u>WELL</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#421	E/2 Section 34, T30N, R7W	Fruitland Coal
#422	W/2 Section 27, T30N, R7W	Fruitland Coal
#423	E/2 Section 28, T30N, R7W	Fruitland Coal
#426	W/2 Section 34, T30N, R7W	Fruitland Coal
#427	E/2 Section 35, T30N, R7W	Fruitland Coal
#431	W/2 Section 10, T30N, R6W	Fruitland Coal
#432	E/2 Section 10, T30N, R6W	Fruitland Coal
#433	W/2 Section 11, T30N, R6W	Fruitland Coal
#434	W/2 Section 12, T30N, R6W	Fruitland Coal
#435	E/2 Section 13, T30N, R6W	Fruitland Coal
#436	E/2 Section 15, T30N, R6W	Fruitland Coal
#437	E/2 Section 11, T30N, R6W	Fruitland Coal
#438	E/2 Section 12, T30N, R6W	Fruitland Coal

Bureau of Land Management,
Commissioner of Public Lands,
Oil Conservation Division

-2-

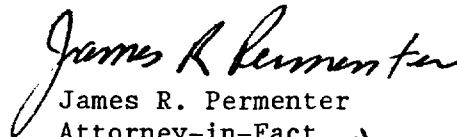
<u>WELL</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#440	W/2 Section 15, T30N, R6W	Fruitland Coal
#450	W/2 Section 7, T30N, R6W	Fruitland Coal
#451	E/2 Section 7, T30N, R6W	Fruitland Coal
#452	W/2 Section 8, T30N, R6W	Fruitland Coal
#453	W/2 Section 17, T30N, R6W	Fruitland Coal
#454	E/2 Section 17, T30N, R6W	Fruitland Coal
#455	W/2 Section 18, T30N, R6W	Fruitland Coal
#456	E/2 Section 18, T30N, R6W	Fruitland Coal
#457	W/2 Section 19, T30N, R6W	Fruitland Coal
#458	E/2 Section 19, T30N, R6W	Fruitland Coal
#459	W/2 Section 20, T30N, R6W	Fruitland Coal
#460	E/2 Section 20, T30N, R6W	Fruitland Coal

All necessary working interest owners have been contacted and advised of the First Amendment to the Drilling Program in accordance with the Unit Agreement.

If this First Amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,


James R. Permenter
Attorney-in-Fact 

JRP/VLG:gm
Attachments
San Juan 30-6 Unit, 3.0
Document #0251L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 4-28-88

The foregoing approvals for the First Amendment to the 1988 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	James Montague & Anne M. Colwill
Amoco Production Company	Co-Executors Estate of C.W. Colwill
Arco Oil & Gas Company	Mr. Wayne Moore & Jo Ann Montgomery Moore
Elizabeth Jeanne Turner Calloway	Mr. Robert Mosbacher
W. P. Carr, Ind. & as Trustee	Northwest Pipeline Corporation
Conoco, Inc.	Partnership Properties Inc.
James Allison Cozby	Phillips Petroleum Company
Crown Central Petroleum Corporation	PWG Partnership
Anne Home Emerson, Trustee	Mr. James M. Raymond, Ind. & as Executor & Trustee
FPCO Oil & Gas Company (Petro-Lewis)	Mr. W. H. Sloan
Global Natural Resources Corp.	Southland Royalty Company c/o Meridian Oil
T. H. & Nancy L. Harrington	Tenneco Oil Company
Catherine Harvey	Texaco Producing Inc.
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. Frederick Eugene Turner
Anna Lou Home	Mr. J. Glenn Turner, Jr.
Teresa Home	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees
Mr. Barron Kidd	Mr. John Lee Turner
Cassandra Keyser	Mr. Paul H. Umbach
Jean E. Keyser	Helen Ulmer Van Atta
Koch Industries	The Wiser Oil Company
Matagorda Oil Company	
T. H. McElvain, Jr.	
T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	



W.R. HUMPHRIES
COMMISSIONER

State of New Mexico



Commissioner of Public Lands

493

SLO REF NO OG-758

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 20, 1988

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 4990
Farmington, New Mexico 87499

Re: 1988 Plan of Development
San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:

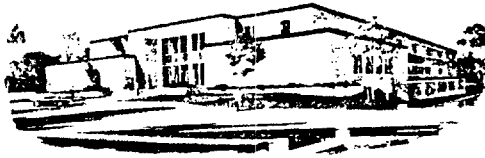
Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD
BLM

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO. OG-754

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 15, 1988

El Paso Natural Gas Company
ATTENTION: Mr. Van L. Goebel
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
First Expanded Participating Area
Effective January 1, 1986
Second Expanded Participating Area
Effective May 1, 1986
Fruitland Formation

Notice of Completion of Addi-
tional Well, Fruitland Formation

Gentlemen:

The Commissioner of Public Lands has this date approved your application dated December 18, 1987 requesting approval of the First and Second revisions to the Fruitland Formation Participating Area in the San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The First Revision is effective January 1, 1986, and covers the W/2 of Section 14, Township 30 North, Range 7 west, containing 320.00 Acres. This revision is based upon the completion of the San Juan 30-6 Unit Well No. 400.

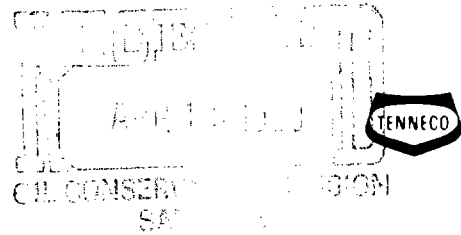
The Second Revision is effective as of May 1, 1986, and covers the W/2 of Section 13, E/2 Section 14, and All of Section 15 Township 30 North, Range 7 West, containing 1,280.00 Acres. This revision is based upon the completion of the San Juan 30-6 Unit Well Nos 401 and 402.

Tenneco Oil Company

A Tenneco Company

Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800



Delivery Address
6162 South Willow Drive
Englewood, Colorado 80111

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 12, 1988

The State Director
Bureau of Land Management
P.O. Box 1449
Santa Fe, New Mexico 87501

Re: Request for Administrative Review
San Juan 30-6 Unit, No. 14-08-001-538
Fruitland Formation
Rio Arriba County, New Mexico

Gentlemen:

By letter dated February 2, 1988, copy enclosed as Schedule 1, Mr. Sid Vogelpohl, for the District Manager of the Albuquerque District Office of the Bureau of Land Management, indicated that the Albuquerque office would not grant Tenneco's protest to El Paso Natural Gas Company's proposed First and Second Expanded Participating Areas for the Fruitland Formation of the San Juan 30-6 Unit. By letter dated March 31, 1988, copy attached as Schedule 1-A, the Albuquerque office transmitted formal approval of the expansion. Copies of El Paso Natural Gas Company's proposed First and Second Expansion Request and Tenneco's protest are attached as Schedules 2 and 3, respectively.

Tenneco, pursuant to 43 CFR 3185, takes this opportunity to request your administrative review of the decision to deny Tenneco's protest and to grant El Paso's requested expansion, and requests the opportunity to present oral argument in support of its protest.

For the reasons expressed below, Tenneco reiterates its position and recommendation that El Paso should be requesting approval of an Initial Participating Area for the Fruitland Formation and a First Expansion thereof, failing to receive which it should be requesting approval of First and Second Expanded Participating Areas for the 1953 Fruitland Participating Area. In any event, expansions bringing Tenneco/Conoco acreage into the Fruitland Participating Area should be effective January 1, 1988. The arguments expressed below are taken from Tenneco's Request for Administrative Review which was originally filed with you on February 15, 1988. For the reasons expressed in your letter of March 9, 1988, copy attached as Schedule 3-A, the earlier Request was not acted on. Consequently, we file this Request for Administrative Review of the approval of El Paso's request for expansion of the Fruitland Participating Area based upon the following:

Bureau of Land Management
Santa Fe, New Mexico

April 12, 1988

THE SAN JUAN 30-6 UNIT AGREEMENT DOES NOT PROHIBIT AUTOMATIC TERMINATION OF A PARTICIPATING AREA WHENEVER ALL COMPLETION IN THE FORMATION ON WHICH IT IS BASED ARE ABANDONED.

The Bureau of Land Management has taken the position that Section 11 of the San Juan 30-6 Unit Agreement will not allow termination of the Initial Fruitland Participating Area. See letter from Sid Vogelpohl, Acting District Manager, to Meridian Oil dated September 18, 1987, attached as Schedule 4. As indicated in Mr. Vogelpohl's letter, Section 11 provides: "No lands shall be excluded from a participating area on account of depletion of unitized substances." This is essentially the same language as is found in the current modern onshore unit agreement form found at 43 CFR §3186.1. Section 11 of the new form has additional language which directly addresses our problem. It provides: "No lands shall be excluded from a participating area on account of depletion of its unitized substances, except that any participating area established under the provisions of this Unit Agreement shall terminate automatically whenever all completions in the formation on which the participating area is based are abandoned." (emphasis added) Tenneco submits that, contrary to Mr. Vogelpohl's interpretation, the San Juan 30-6 Unit Agreement only addresses exclusion of lands from a participating area. It does not address termination of a participating area, for if it did the BLM would not have felt obligated to add the new language to the modern form in order to address the issue.

Although the 30-6 Unit Agreement does not contain the modern exception calling for the automatic termination of a participating area when all completions in the formation are abandoned, to interpret the San Juan 30-6 Unit Agreement to require such a result would be fair to all parties and would not be inconsistent with its express terms. By establishing such a policy in the Basin, the BLM would encourage more development because parties seeking to re-establish production would not be burdened with the responsibility of paying 100% of drilling costs and having to share production with other parties who have not borne any of the risk of discovery.

THE INITIAL PARTICIPATING AREA FOR THE FRUITLAND FORMATION WITH AN EFFECTIVE DATE OF APRIL 30, 1953 SHOULD HAVE TERMINATED YEARS AGO IN LIGHT OF THIRTY PLUS YEARS OF NON-PRODUCTION.

In the instant case, the Initial Fruitland Participating Area was established upon the creation of the 30-6 Unit on April 30, 1953 based on the Abraham #1 Well which was completed and producing from the Fruitland Formation upon approval of the Unit. The well produced, sometimes intermittently, until early 1955, at which time it was

Bureau of Land Management
Santa Fe, New Mexico

April 12, 1988

plugged out of the Fruitland, having watered out. During its producing life, the owners of the tract upon which the well was located did not share production with any other others in the Unit. It is important to note that from 1955 until 1986, a term of over thirty years, there were no attempts to further develop the Fruitland Formation.

Administrative Judge Henriques, in 53 IBLA 62, 67 (1981) GFS(O&G)49(1981), relates that "the purposes for establishing a participating area within a unit are to insure that each interest owner of lands covering a single producible pool will receive the benefits of its fair share of production from the pool and to promote the efficient production of unitized substances." Since the owners of the tract upon which the Abraham #1 Well is located did not share their Fruitland production with any other owners in the Unit, it would clearly be a violation of the correlative rights of the current owners in the remainder of the Unit to now have to share their Fruitland production with the owners of the Abraham tract. The owners of the Abraham tract have already received their fair share of production from the tract, and did not share it with anyone else, so therefore they should not now receive a share of production from parties who have borne the entire risk of re-establishing Fruitland production.

ASSUMING THAT YOU DETERMINE THAT THE INITIAL PARTICIPATING AREA FOR THE FRUITLAND FORMATION PREMISED ON THE ABRAHAM #1 WELL IS STILL IN EXISTENCE, THE EFFECTIVE DATE OF THE FIRST AND SECOND EXPANDED PARTICIPATING AREAS SHOULD BE JANUARY 1, 1988.

In this controversy, the BLM finds itself in the uncomfortable position of having to mediate a disagreement among working interest owners regarding performance under a Unit Agreement. Fortunately for the BLM, regardless of the effective date of expansion of this participating area, the United States' royalties are the same since all lands in the participating areas, both original and expanded, are Federal lands. The effective date of expansion, however, has a profound effect upon the various working interest owners.

We submit that the BLM, in discharging its duty of enforcing its operating regulations, should limit the scope of its inquiry to the language of the currently approved San Juan 30-6 Unit Agreement. That Agreement, under Section 11(a), clearly provides that the effective date of the expansion of a participating area shall be the first of the month following the time that "... the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the

Bureau of Land Management
Santa Fe, New Mexico

April 12, 1988

Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, :..." (emphasis added). See Section 11(a) of the Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area, Page 10. Adequate notice was not delivered until December, 1987; therefore, the effective date of expansion should be January 1, 1988.

IT IS OUTSIDE OF THE BLM'S CHARGE OF ENFORCING ITS OPERATING REGULATIONS TO DELVE INTO A MIXED QUESTION OF FACT AND LAW; THAT IS WHETHER THE BEHAVIOR OF THE PARTIES HAS IN FACT RESULTED IN THE MODIFICATION OF A UNIT AGREEMENT BY ESTOPPEL.

By finding that the effective date of the unitization is the first of the month following testing of the well upon which the expansion is premised, the BLM is advocating that the Unit Agreement is not controlling but that the behavior of the parties over the past thirty-five years has in effect modified the Agreement. Consequently, Tenneco Oil Company is estopped to deny the modified agreement which presumably provides that an expansion shall occur on the first of the month following testing of the qualifying well.

Tenneco suggests that when all working interest owners agree not to enforce a provision of a Unit Agreement and when the failure to enforce that provision is of no consequence to the BLM (as as the case in the San Juan 30-6 Unit with the BLM's royalty ownership) that such owners should be allowed to do so and the action should not constitute an estoppel. When, however, one or more parties object to an attempt by another working interest owner to a Unit Agreement to seek approval of an action which does not comport with the terms of the Unit Agreement, the BLM is cast into an entirely different situation - that of a mediator. The instant case is an example of the latter situation. When acting as a mediator, the BLM should limit itself to enforcing the Unit Agreement as written and if the working interest owners disagree with the effects of enforcement among themselves, they should resort to a judicial determination relating to estoppel. This is particularly true in this instance where the interests of the Federal Government are neutral in the matter since royalties flowing to the Government will not be affected by the effective date for cost sharing among the working interest owners.

Now, let us clear up a misperception. Mr. Vogelpohl, in his letter to Tenneco dated February 2, 1988, states that the latest incidence of the first-day-of-the-month-following-testing-interpretation for the 30-6 Unit was accepted by Tenneco for the Pictured Cliffs Participating Area Expansion which was approved August 7, 1985.

Bureau of Land Management
Santa Fe, New Mexico

April 12, 1988

Mr. Vogelpohl is assuming Tenneco had the ownership and ability to affect El Paso's expansion requests. Tenneco, however, first acquired a working interest in the 30-6 Unit on September of 1985, and it is limited to the Mesaverde and Fruitland formations only. Prior to September 1, 1985, Tenneco owned (and continues to own) only an override in the Pictured Cliffs Participating Area. With only an override, Tenneco would not have voiced an objection to the effective date of expansion.

IF THE BLM IS MAKING A FINDING OF ESTOPPEL, TWO OF THE FOUR CRITICAL ELEMENTS OF SUCH FINDING ARE MISSING.

As explained in 52 IBLA 308 (1981) GFS(O&G)37(1981), the elements of an estoppel are the following:

- "(1) The party to be estopped (Tenneco) must know the facts;
- (2) He or it must intend that his or its conduct shall be acted on or must so act that the party asserting the estoppel has a right to believe it is so intended;
- (3) The latter (El Paso) must be ignorant of the true facts; and
- (4) He or it must rely on the former's conduct to his or its injury."

In this instance Tenneco did not know of the facts surrounding the estoppel. See Item (1). As we are all aware, there has been a tremendous turnover in the personnel of oil companies in the past few years. In Tenneco's instance, the Production Manager and Legal staff have completely turned over in the Rocky Mountain Division office. None of us had actual knowledge of the historical interpretation of these Unit Agreements by the BLM. We did what was logical and ordinary - we read the controlling agreements and published regulations of the BLM and assumed they controlled.

The third element of estoppel as quoted above requires that the latter (El Paso) must be ignorant of the true facts. El Paso, in fact, wrote, submitted and has copies of the Unit Agreement and is well aware of what it expressly requires.

RETROACTIVE APPROVAL OF THE FRUITLAND PARTICIPATING AREA WILL UNFAIRLY PREJUDICE TENNECO AND OTHER NON-OPERATORS IN THIS INSTANCE.

Mr. Vogelpohl, in the third paragraph of his letter of February 2, 1988, opines that:

Bureau of Land Management
Santa Fe, New Mexico

April 12, 1988

"what has been agreed to and accepted by Tenneco in the past should not suddenly become unacceptable. The method that has been used for the past 35 years allows for consistency in selecting effective dates for revisions and assures that all the interests in the unit will benefit in the long term rather than individual interests benefiting for short terms at the expense of others in the unit."

Tenneco submits, to the contrary, that in light of the vintage of this Unit and companion Unit Operating Agreements, which do not contain modern voting procedures and non-consent provisions to protect non-operators, that to treat the effective date of participating area expansions as though the Agreement read as a modern vintage Unit Agreement reads can lead to, and in this case did lead to, abusive behavior on the part of the Operator. For this total project through August, 1987, El Paso has spent \$5,204,600 (capital) and \$3,067,400 (expense). If the BLM makes the effective date of expansion of the participating area retroactive to May 1, 1986, non-operators brought into the Participating Area will have to bear their share of over approximately \$4,500,000 in capital and \$3,000,000 in expenses. El Paso, as Operator, however, has never sought the approval of the non-operators on any of these expenditures. El Paso has not even consulted non-operators regarding these expenditures. Only after Tenneco contacted El Paso by phone in April, 1987 requesting information relative to the Fruitland program followed by a letter on May 7, 1987, did El Paso deem it appropriate to furnish any information to non-operators within the proposed Expanded Fruitland Participating Area. It was not until late 1987 that Tenneco first received an explanation of expenditures. We have yet to receive an AFE. The BLM should not encourage such abusive unilateral behavior by an Operator.

For the reasons stated above, Tenneco Oil Company reiterates its protest, and requests your consideration of its position. We respectfully request that you deem the Fruitland Participating Area premised on the Abraham #1 well to have expired and that you establish a new Initial Participating Area for the Fruitland Formation based upon the drilling of the San Juan 30-6 Unit #400 well with an effective date of December, 1985, and that the First and Second Expanded Participating Areas for such Fruitland Formation be made effective January 1, 1988, all in accordance with Tenneco's protest to El Paso Natural Gas Company's Proposed First and Second Expanded Participating Area Fruitland

Bureau of Land Management
Santa Fe, New Mexico

April 12, 1988

Formation dated January 11, 1988, attached as Schedule 1. If you find, however, that the 1953 Fruitland Participating Area is still in effect and the new wells are expansions of that Participating Area, then we request that you make the effective date of expansion January 1, 1988.

Very truly yours,

TENNECO OIL COMPANY

By:



David L. Motloch
Division Attorney

DLM/ps/4699L
Attachments

cc: Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano, N.E.
Albuquerque, New Mexico 87107

Commission of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Working Interest Owners - Fruitland Formation

San Juan 30-6 Unit

Fruitland Formation Working Interest Owners

Conoco, Inc.

El Paso Natural Gas Company

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company



SCHEDULE 1

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107



SJ 30-6 (FRPA)
3160 (015)

FEB 02 1988

RECEIVED

FEB - 8 1988

LEGAL

Tenneco Oil Company
Attn: P.W. Cayce, Jr.
P.O. Box 3249
Englewood, CO 80155

Gentlemen:

This is in reply to your letter of protest dated January 11, 1988 concerning El Paso Natural Gas Company's (Unit Operator) application for the first and second revisions to the Fruitland Participating in the San Juan 30-6 unit. The first item mentioned in your letter concerns the initial Fruitland Participating Area. Your letter states that because the well upon which the initial participating area was based was plugged and abandoned as to the Fruitland Formation on May 15, 1955, the initial participating area should have been terminated. The unit agreement makes no provisions for eliminating land from a participating area for any reason and states that no land shall be excluded from a participating area due to depletion of unitized substances. Therefore, we feel that El Paso was correct in submitting a request for the first and second revisions to the Fruitland Participating Area and will process the application as submitted.

The second item mentioned in your letter concerns the effective date of the revisions. Your letter contends that the effective date should be January 1, 1988, the first day of the month following the month in which the notice was received in this office. The effective date submitted by the operator is the first of the month following the month in which the well was tested. This method of selecting the effective date has been used in this unit beginning with the first revision to the Mesaverde Formation in 1953. This method has been used for 35 years or longer in this unit and other San Juan units. For example, this method was used to determine the effective date of initial revision to the Pictured Cliffs Participating Area in this unit. The application was submitted on July 5, 1985, approved August 7, 1985 and was effective February 1, 1984. Tenneco was a working interest owner at that time and accepted the effective date.

As stated above, this method has been used in other San Juan Units to determine the effective date for Participating Area Revisions. Tenneco, as a working interest owner in some of these units, has accepted the effective dates on all previous revisions. What has been agreed to and accepted by Tenneco in the past should not suddenly become unacceptable. The method that has been used for the past 35 years allows for consistency in selecting effective dates for revisions and assures that all of the interests in the unit will benefit in the long term rather than individual interests benefiting for short terms at the expense of others in the unit.

We have determined that the application is correct as submitted and, if approved, the revisions would be effective as of the dates requested by the unit operator.

Pursuant to 43 CFR 3185, you may request an administrative review of any instructions, orders or decisions issued by the Authorized Office. Such request, including all supporting documentation, must be filed in writing within 20 business days of the date such instructions, orders or decisions were received and must be filed with the State Director, BLM, P.O. Box 1449, Santa Fe, New Mexico 87501. Such a request shall not result in suspension of the instruction or order unless the reviewing official so determines. The reviewing official will issue a final decision within 10 business days. Where a review is requested, the decision issued upon review will represent the final decision from which an appeal may be taken pursuant to 43 CFR 3165.4.

If you have any questions concerning this matter, please contact Robert Kent in this office or call (505) 761-4503.

Sincerely,

A handwritten signature in cursive script, reading "Sid Vogelzang".

For District Manager



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107



MAR 3 2 1988

San Juan 30-6 Fruitland PA
3180 (015)

RECEIVED

APR - 5 1988

LEGAL

CERTIFIED--RETURN RECEIPT REQUESTED
P-560-336-911

Tenneco Oil Company
ATTN: David L. Matloch
P.O. Box 3249
Englewood, CO 80155

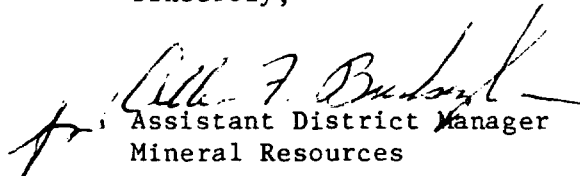
Gentlemen:

Enclosed is a copy of the approval letter and application for the first and second revisions to the Fruitland Formation Participating Area, San Juan 30-6 Unit, Rio Arriba County, New Mexico.

Pursuant to 43 CFR 3185, you may request an administrative review of any instructions, orders or decisions issued by the Authorized Officer. Such request, including all supporting documentation, must be filed in writing within 20 business days of the date such instructions, orders, or decisions were received and must be filed with the State Director, BLM, P.O. Box 1449, Santa Fe, New Mexico 87501. Such a request shall not result in suspension of the instruction or order unless the reviewing official so determines. The reviewing official will issue a final decision within 10 business days. Where a review is requested, the decision issued upon review will represent the final decision from which an appeal may be taken, pursuant to 43 CFR 3165.4.

If you have any questions on this matter, please contact Robert Kent at (505) 761-4503.

Sincerely,


Assistant District Manager
Mineral Resources

Enclosure

SCHEDULE 2

El Paso
Natural Gas Company

P.O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

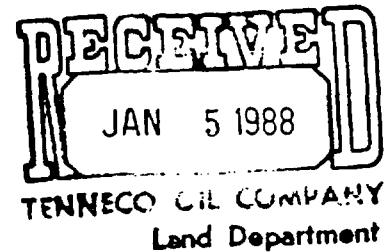
December 18, 1987

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088



Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
First Expanded Participating Area
Effective January 1, 1986
Second Expanded Participating Area
Effective May 1, 1986
Fruitland Formation

Notice of Completion of Additional
Well, Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Fruitland Formation and that the Participating Area for the Fruitland Formation is expanded accordingly as follows.

First Expanded Participating Area -- Effective January 1, 1986

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 14, T-30-N, R-7-W	320.00	#400

The San Juan 30-6 Unit #400 Well was completed on December 12, 1985. The Fruitland Formation was tested on December 12, 1985, with an average production rate of 3,750 MCF/D. The spacing unit for this well is described as the W/2 of Section 14, T-30-N, R-7-W, N.M.P.M, containing 320.00 acres.

Second Expanded Participating Area -- Effective May 1, 1986

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 13, T-30-N, R-7-W	320.00	#401
E/2 Section 14, T-30-N, R-7-W	320.00	Intervening Drilling Block
W/2 Section 15, T-30-N, R-7-W	320.00	#402
E/2 Section 15, T-30-N, R-7-W	320.00	Intervening Drilling Block

The San Juan 30-6 Unit #401 well was completed on April 1, 1986. The Fruitland Formation was tested on April 1, 1986, with an average production rate of 132 MCF/D, but is currently producing 180 MCF/D. The spacing unit for this well is described as the W/2 of Section 13, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #402 well was completed on April 17, 1986. The Fruitland Formation was tested on April 17, 1986, with an average production rate of 1,819 MCF/D. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELLS

One additional well capable of producing unitized substances from the Fruitland Formation has been completed upon acreage committed to the Fruitland Participating Area. The acreage dedicated to the #406 well was brought into the Participating Area by the Second Expansion.

This well is as follows:

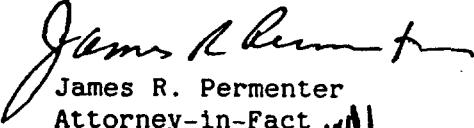
The San Juan 30-6 Unit #406 well was completed on May 27, 1986. The Fruitland Formation was tested on May 27, 1986, with an average production rate of 1,323 MCF/D. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

Attached hereto are Schedules I, II, and III showing the Initial through the Second Expanded Participating Areas for the Fruitland Formation of the San Juan 30-6 Unit. The Initial Participating Area is provided for information purposes only in that it is already in effect. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, the First and Second Expanded Participating Areas will become effective as of January 1, 1986, and May 1, 1986, respectively.

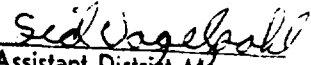
December 18, 1987

Copies of this letter and schedules are being sent to the working interest owners on the attached sheet.

Yours very truly,


James R. Permenter
Attorney-in-Fact 

JRP:VLG:tlm
Attachments
San Juan 30-6 Unit, 4.5
Doc. 0251L

Approved 3/25/88

Assistant District Manager
for Minerals
Albuquerque District

RUN DATE 09/25/87
RUN TIME 15:59:15

MERIDIAN OIL COMPANY
SCHEDULE 1
The Initial EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 080713 30N 6W		227.26		TRACT: 018	3.500000	3.500000	100.000000
SEC. 13	LOTS 1,2,3,4,				12.500000	12.500000	
E/2 W/2					42.000000	42.000000	
			ORRI:		12.500000	12.500000	
			ROYALTY:		42.000000	42.000000	
			WORKING INTEREST:		9.240000	9.240000	
			EL PASO NATURAL GAS CO		32.760000	32.760000	
			MATAGORDA OIL COMPANY				
			GLOBAL NATURAL RESOURCES COR				
					100.000000	100.000000	
			TOTAL				

EFFECTIVE 53/04/30

RUN DATE 09/25/87
RUN TIME 15:59:25

MERIDIAN OIL COMPANY
SCHEDULE I
RECAPITULATION
PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:	DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:
TOWNSHIP 30N , RANGE 6W SECTION 13 : LOTS 1,2,3,4, E/2 W/2 TOTAL COMMITTED: 227.26	TOTAL ACRES NON-COMMITTED:
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 227.26	

RUN DATE 10/27/87
RUN TIME 12:44:34

MERIDIAN OIL COMPANY
SCHEDULE 11
THE 001 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FEB530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573 30N 7W	SEC. 14 W/2	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO	TRACT: 002	3.500000 12.500000 84.000000 100.000000	3.500000 12.500000 84.000000 100.000000	58.473120
	TOTAL						
USA SF 080713 30N 6W	SEC. 13 LOTS 1,2,3,4, E/2 W/2	227.26	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO MATAGORDA OIL COMPANY GLOBAL NATURAL RESOURCES COR	TRACT: 018	3.500000 12.500000 42.000000 9.240000 32.760000 100.000000	3.500000 12.500000 42.000000 9.240000 32.760000 100.000000	41.526879
	TOTAL						

EFFECTIVE 86/01/01

RUN DATE 10/27/87
RUN TIME 12:44:42

MERIDIAN OIL COMPANY
SCHEDULE II
RECAP ITULAT ION

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, E/2 W/2
TOWNSHIP 30N , RANGE 7W
SECTION 14 : W/2
TOTAL COMMITTED: 547.26

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 547.26

547.26

RUN DATE 10/27/87
RUN TIME 12:44:34

MERIDIAN OIL COMPANY
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573 30N 7W	SEC. 14 W/2 SEC. 13 W/2	640.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO	TRACT: 002	3.500000 12.500000 84.000000 100.000000	3.500000 12.500000 84.000000 100.000000	35.025119
USA NM-012293 30N 7W	SEC. 14 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.	TRACT: 003	2.500000 12.500000 42.500000 42.500000 100.000000	2.500000 12.500000 42.500000 42.500000 100.000000	17.512559
USA NM 012694 30N 7W	SEC. 15 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.	TRACT: 004	2.500000 12.500000 42.500000 42.500000 100.000000	2.500000 12.500000 42.500000 42.500000 100.000000	17.512559
USA NM 012710 30N 7W	SEC. 15 W/2	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO	TRACT: 005	3.500000 12.500000 84.000000 100.000000	3.500000 12.500000 84.000000 100.000000	17.512559
USA SF 080713 30N 6W	SEC. 13 LOTS 1,2,3,4, E/2 W/2	227.26	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO MATAGORDA OIL COMPANY GLOBAL NATURAL RESOURCES COR	TRACT: 018	3.500000 12.500000 42.000000 9.240000 32.760000 100.000000	3.500000 12.500000 42.000000 9.240000 32.760000 100.000000	12.437201

EFFECTIVE 86/05/01

RUN DATE 10/27/87
RUN TIME 12:44:42

MERIDIAN OIL COMPANY
SCHEDULE III
RECAPITULATION

PAGE 1
FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:
TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, E/2 W/2
TOWNSHIP 30N , RANGE 7W
SECTION 13 : W/2
SECTION 14 : W/2
SECTION 14 : E/2
SECTION 15 : W/2
SECTION 15 : E/2
TOTAL COMMITTED: 1,827.26

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 1,827.26

TOTAL ACRES NON-COMMITTED:

SCHEDULE 3

Tenneco Oil Company
A Tenneco Company



Rocky Mountain Division
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address
6162 South Willow Drive
Englewood, Colorado 80111

January 11, 1988

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano, N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit, No. 14-08-001-538
Rio Arriba County, New Mexico

Protest to El Paso Natural Gas Company's
Proposed First and Second Expanded
Participating Area
Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, No. 14-08-001-538, approved April 30, 1953, Tenneco Oil Company, as Non-Operator, files this its protest to the proposed First and Second Expanded Participating Area for the Fruitland Formation as proposed by El Paso Natural Gas Company in its Notice of Completion of Addition Well, Fruitland Formation, dated December 18, 1987.

Tenneco objects to El Paso's application being characterized as a First and Second Expansion of the Fruitland Formation Participating Area. Rather, the Initial Participating Area for the Fruitland Formation should consist of the W/2 of Section 14, T30N-R7W (USA NM-012573) with an effective date equal to the date of first production of well No. 400 with the first expansion of the Participating Area to be effective January 1, 1988. Such first expansion should include the lands and leases shown on Schedule 1 attached hereto. In support of this, Tenneco suggests that the original Fruitland Participating Area predicated upon the Abraham #1 well (NW/4NE/4 of Section 13, T30N-R6W) which was plugged as to the Fruitland formation on May 15, 1955, should have

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Division

January 11, 1988

been terminated years ago. Although Section 11(a) of the Unit Agreement clearly provides that no lands shall be excluded from a participating area on account of depletion of the unitized substances, there is no need to continue to have a viable participating area when there has not been production from the area for in excess of thirty years. Although it is clear that it is a violation of a lessee's correlative rights to exclude lands from a participating area on account of depletion, in this instance it is a violation of correlative rights of the lessees of record currently owning Fruitland production to include lands in the current participating area from which they did not share production and have no possibility in the future of sharing production.

Notwithstanding the foregoing, even if the Initial Fruitland Participating Area is deemed to be the E/2 of Section 13, T30N-R6W, the effective date of the first expanded Fruitland Participating Area should be January 1, 1988.

Under Section 11(a) of said Unit Agreement, "Additional Drilling Blocks subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on such Drilling Block, ..." (emphasis added). Section 11(a) goes on to say "for the purposes hereof, it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, ..." (emphasis added).

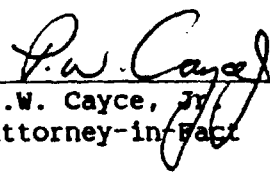
Pursuant to the above, the effective date of the First Expanded Participating Area for the Fruitland Formation should be January 1, 1988 and should include the lands and interests shown on schedule I.

Copies of this letter and schedule are being sent to the Working Interest Owners on the attached sheet.

Very truly yours,

TENNECO OIL COMPANY

By:


P.W. Cayce, Jr.
Attorney-in-Fact

PWC/DLM/ps/4528L
Attachment

Handwritten initials

San Juan 30-6 Unit

Fruitland Formation Working Interest Owners

Conoco, Inc.

El Paso Natural Gas Company

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company

TENNECO OIL COMPANY

RUN DATE 10/27/87
RUN TIME 12:44:34SCHEDULE I
FIRST EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREAPAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
USA NM-012573 30N 7W		640.00		TRACT: 002		35.025119
	SEC. 14 W/2		ORRI:		3.500000	3.500000
	SEC. 13 W/2		ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			EL PASO NATURAL GAS CO		84.000000	84.000000
			TOTAL		100.000000	100.000000
USA NM-012293 30N 7W		320.00		TRACT: 003		17.512559
	SEC. 14 E/2		ORRI:		2.500000	2.500000
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			TENNECO OIL COMPANY		42.500000	42.500000
			CONOCO, INC.		42.500000	42.500000
			TOTAL		100.000000	100.000000
USA NM 012694 30N 7W		320.00		TRACT: 004		17.512559
	SEC. 15 E/2		ORRI:		2.500000	2.500000
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			TENNECO OIL COMPANY		42.500000	42.500000
			CONOCO, INC.		42.500000	42.500000
			TOTAL		100.000000	100.000000
USA NM 012710 30N 7W		320.00		TRACT: 005		17.512559
	SEC. 15 W/2		ORRI:		3.500000	3.500000
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:			
			EL PASO NATURAL GAS CO		84.000000	84.000000
			TOTAL		100.000000	100.000000



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
NEW MEXICO STATE OFFICE

Post Office and Federal Building

P.O. Box 1449

Santa Fe, New Mexico 87504-1449

MAR 09 1988

Mr. David L. Motloch
Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

Dear Mr. Motloch:

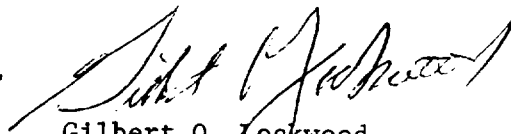
We have received your letter of February 15, 1988. Your letter requests an administrative review of the contents of the letter from the Albuquerque District Office (ADO) of the Bureau of Land Management dated February 2, 1988. The letter of February 2, 1988, was in response to your letter of January 11, 1988, protesting a proposed unit action concerning the San Juan (SJ) 30-6 Unit, No. 14-08-001-538. The proposed unit action was submitted by the unit operator, El Paso Natural Gas (EPNG), on December 18, 1987.

The application by EPNG seeks to add 320.00 acres as the first revision to the Fruitland Participating Area (PA). The proposed revision is based on the spacing unit for the San Juan Unit well No. 400, effective January 1, 1986. The application also seeks to add 1280.00 acres as the second revision to the Fruitland PA. The proposed second revision is based on the spacing units for the SJ Unit wells No. 401 and 402, plus the two intervening drilling blocks, effective May 1, 1986. Tenneco contends that the existing initial Fruitland PA should be terminated, and the spacing unit for the SJ Unit well No. 400 should be the initial Fruitland PA with an effective date of January 1, 1988.

The letter to you from ADO, dated February 2, 1988, stated that pursuant to 43 CFR 3185, you may request an administrative review of of any instruction, order or decision issued by the Authorized Officer (AO). The AO has issued no instructions, orders or decisions concerning this matter. For this reason, your request for an administrative review is premature. Any action taken by the AO will be by a decision letter. The AO will give your protest due consideration in reaching the decision. If Tenneco is adversely affected by the decision of the AO, Tenneco will be given the opportunity to request an administrative review of the decision as stated in the February 2, 1988 letter from ADO.

If you have any questions, please contact Ron Bartel, Branch of Fluid Minerals, NM (922), at FTS 476-6117.

Sincerely,

A handwritten signature in dark ink, appearing to read "Gilbert O. Lockwood", written in a cursive style.

Gilbert O. Lockwood
Deputy State Director,
Mineral Resources

cc:
NM (015)



SCHEDULE 4

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE

435 Montano N.E.
Albuquerque, New Mexico 87107

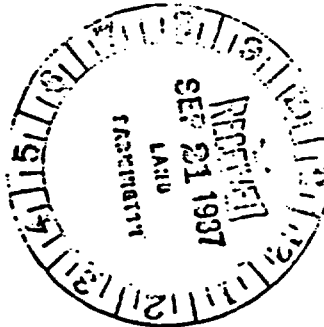


IN REPLY REFER TO:

San Juan 30-6 Unit (GC)
3180 (015)

SEP 18 1987

MERIDIAN OIL
ATTN: Van L. Goebel
PO Box 4289
Farmington, NM 87499



Gentlemen:

This is in response to your letter dated August 24, 1987 in which you requested our findings regarding the establishment of a separate Fruitland Coal Participating Area (PA) in the San Juan 30-6 Unit. The initial Fruitland PA is based on production from well No. 1 Abraham, now plugged in the Fruitland formation. In support of the separate PA you submitted a geologic cross section and reservoir production data from the Fruitland formation in your Fruitland Coal Project Area. We are taking this technical evidence under advisement pending submittal of a formal application by the unit operator.

We have found that the establishment of a separate Fruitland PA is not allowed by the terms of the San Juan 30-6 Unit Agreement, section 11. First, by the terms of the agreement, the initial Fruitland PA cannot be abolished. Section 11 states "No land shall be excluded from a participating area on account of depletion of the unitized substance." We interpret this to mean that once a PA is established, the land remains in the PA until the unit terminates. Secondly, the agreement specifically provides for wells producing from the Fruitland formation. Section 11 states "It is hereby agreed for the purposes of this agreement that all wells completed for production in the Fruitland formation shall be regarded as producing from a single zone or pool..." BLM will not approve separate PAs in the same zone or pool.

If you have any questions concerning these findings, please contact Bob Kent or Gary Stephens in this office or call (505) 761-4503.

Sincerely,

Sid Vazquez

District Manager

ASD

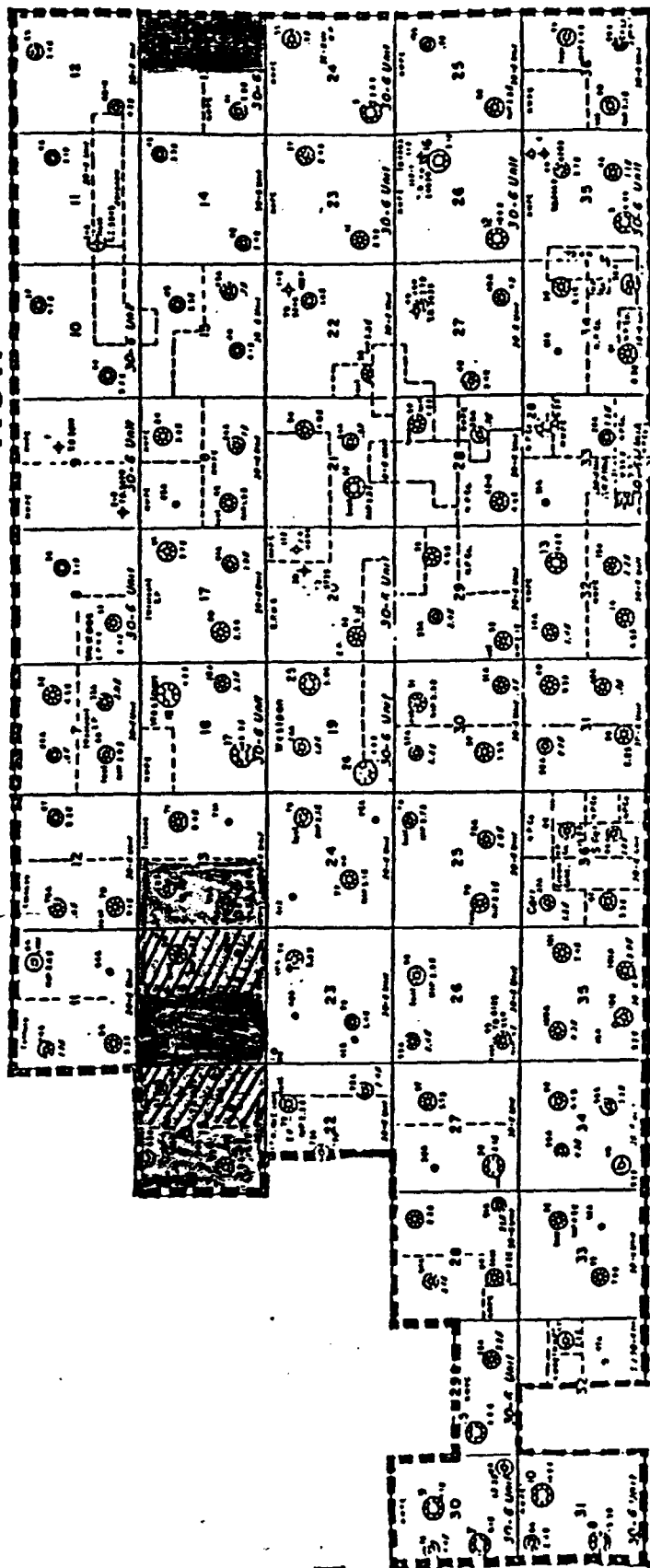
SAN JUAN 30-6 UNIT

FRUITLAND PARTICIPATING AREA

R7W

R6W

T30N



Initial Fruitland Participating Area

First Fruitland Participating Area Expansion

Second Fruitland Participating Area Expansion

Intervening Drilling Block

El Paso
Natural Gas Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

April 12, 1988

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
First Expanded Participating Area
Effective January 1, 1986
Second Expanded Participating Area
Effective May 1, 1986
Fruitland Formation

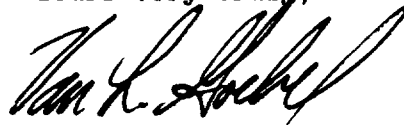
Notice of Completion of Additional
Well, Fruitland Formation

Gentlemen:

For your information, enclosed please find a copy of the approval received from the Bureau of Land Management for the referenced.

The letter enclosed, dated December 18, 1987 was also sent to the Commissioner of Public Lands and the Oil Conservation Division. Can you inform us at your earliest convenience as to when your approvals can be expected?

Yours very truly,



Van L. Goebel
Senior Landman

VLG:BAS:gm
San Juan 30-6 Unit, 4.5

Enclosures

Document 0251L

MAR 31 1988

MAR 28 1988

SJ 30-6 Fruitland PA
3180 (015)

El Paso Natural Gas Company
ATTN: Van L. Goebel
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

We have received your application dated December 18, 1987 and the additional information you supplied by letter dated February 18, 1988. The application requested approval of the first and second revisions to the Fruitland Formation Participating Area in the San Juan 30-6 Unit, Rio Arriba County, New Mexico. The application also notifies this office of completion of an additional Fruitland Formation well.

The first revision enlarges the Fruitland Formation Participating Area 320.00 acres described as the $W\frac{1}{2}$ of Section 14, T. 30 N., R. 7 W. The revision is based upon the completion of the San Juan 30-6 Unit Well No. 400. The first revision is approved this date and is effective January 1, 1986.

The second revision enlarges the Fruitland Formation Participating Area 1,280.00 acres described as the $W\frac{1}{2}$ Section 13, the $E\frac{1}{2}$ of Section 14, and all of Section 15, T. 30 N., R. 7 W. The revision is based upon the completion of San Juan 30-6 Unit Well Nos. 401 and 402. The second revision is approved this date and is effective May 1, 1986.

In addition, you submitted a notice of completion of an additional well in the Fruitland Formation Participating Area. The determination that the San Juan 30-6 Unit Well No. 406 ($SE\frac{1}{4}NW\frac{1}{4}$ Section 15, T. 30 N., R. 7 W.) is capable of producing unitized substances in paying quantities in the Fruitland Formation is hereby approved.

If you have any question on this matter, please contact Robert Kent at (505) 761-4503.

Sincerely,

(Orig. Signed) : Sid Vogel

Assistant District Manager
Mineral Resources

Enclosure

cc:NM-019
MMS

NMSO
NMOCD

015:SBryant:ja:3/24/88:4007M

493

El Paso
Natural Gas Company

P. O. BOX 1449
FARMINGTON, NEW MEXICO 87401
PHONE 505-325-2541

March 4, 1988

CERTIFIED - RETURN RECEIPT REQUESTED

The State Director
Bureau of Land Management
Post Office Box 1449
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Fruitland Formation
Participating Area
Rio Arriba County, New Mexico

Gentlemen:

Due to telephone conversations with other working interest owners who have a vested interest in the referenced unit, as well as our own concern about historical procedures and interpretation of Federal Unit Agreements El Paso Natural Gas Company, as Unit Operator, now feels it necessary to respond to Tenneco's letter dated February 15, 1988 concerning the establishment of Effective Dates used for Unit Expansions.

El Paso Natural Gas Company, Unit Operator of the San Juan 30-6 Unit, respectfully requests that the Director affirm the decision dated February 2, 1988 by the Albuquerque, New Mexico office approving the Effective Dates used for the First and Second Fruitland Participating Area Expansions.

We believe that Section 11(a), Page 10 of the Unit Agreement cited by Tenneco Oil Company in their letters of February 15, 1988 and January 11, 1988 can and should be interpreted in a manner that will be consistent with what has been the policy and precedent of Unit Operators and Governmental Agencies in similar situations in literally dozens of units and hundreds of expansions in the past. Quoting such sentence "For the purposes hereof it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission . . . " . . . when so determined by the Unit Operator" can and should be taken to mean the date on which (when) the well was capable as such date was determined to be, not the date when such determination was made. Clearly the date of physical capability of a well is and should be of absolute importance. The mailing of the notice to the regulatory agencies " . . . when such notice of determination shall have been delivered . . . " merely requires the unit operator to give formal notification of his determination to such agencies and once such notice is given then the date the well became capable, as determined by the Unit Operator, is given effect to.

To adopt the interpretation urged by Tenneco Oil would place the Unit Operator in an intolerable position every time a well was completed outside the participating area. The operator must choose between making an immediate decision, sometimes based on insufficient evidence, that the well is commercial or taking a prudent course and assembling additional engineering data to properly determine if the well is commercial. If he elects the prudent course in order to be sure of the well's commerciality (and this turns out to be the case), but the operator uses the notification date as the effective date, the owners of the drilling block will be unjustly enriched (and the participating interest owners unjustly penalized) by receiving all production during the determination period, which is exactly what Tenneco proposes by requesting an effective date long after the date (i.e. test date) the wells in question were finally known to be productive of commercial quantities of oil and gas.

These potential inequities can, and would, arise when an operator is functioning perfectly. They would also arise anytime an operator for whatever reason, or for no reason, with or without fault, is slow or is delayed in filing an expansion. This situation represents the exact reason why the Unit Agreements were written (and properly interpreted) in the manner they were.

Tenneco Oil in its letter further alludes to the fact that they had no working interest ownership in the San Juan 30-6 Unit until September 1985, thus were unaware as to how the effective dates were being determined. However, Tenneco has always been a working interest owner in various participating areas in the units listed below in which the effective dates were determined in the same manner as in the San Juan 30-6 Unit. The Unit Agreements governing these Units have similar language to the San Juan 30-6 Unit Agreement. It is interesting to note that Tenneco Oil over the years has never questioned the effective date determination in these units until now.

Allison Unit
Canyon Largo Unit
San Juan 28-6 Unit
San Juan 28-7 Unit (now operated by Tenneco)
San Juan 29-7 Unit

It should further be noted that Tenneco now operates the San Juan 28-7 Unit and the San Juan 32-9 Unit in which the Effective Dates were determined in the same manner that they now question. In that Tenneco now operates these units can the working interest owners of these units depend on Tenneco to operate in a prudent, fair and equitable manner? Will Tenneco rather attempt to read into the Agreements whatever is to Tenneco's financial gain?

Tenneco on page 5 of its February 15, 1988 letter pleads ignorance of the Unit Agreements due to a ". . . tremendous turnover in the personnel . . . " "In Tenneco's instance, the Production Manager and Legal Staff have completely turned over in the Rocky Mountain Division Office." Tenneco makes this statement as if ignorance of the Unit Agreements allows them immunity from being in compliance therewith. We believe there is no merit in this argument.

Tenneco further states on page 6 of its letter that they were never advised of the Fruitland well drilling program in the San Juan 30-6 Unit. This is not true. El Paso Natural Gas Company, as Unit Operator, every year goes to the Unit working interest owners advising them of wells to be proposed for that years program. In these letters to the working interest owners, all such parties (including Tenneco) are advised as to whether the wells are to be drilled on a drill block basis or in a participating area. If the wells are drilled in a participating area the participating area working interest owners are requested to vote as to whether the wells will be drilled or not. If the wells are drilled on a drill block basis the drill block owners are indicated and requested to join or go non-consent as applicable. After the unit working interest owners have approved the drilling program it is submitted to the regulatory agencies for final approval. In compliance with the Unit Agreements the working interest owners receive copies of all correspondence relating to the drilling programs. Tenneco was sent copies of the drilling programs and was well aware of the Fruitland Drilling Program and associated facilities construction.

Tenneco has always been aware of the Fruitland Drilling activities in the San Juan 30-6 Unit and has always been aware of how the Effective Dates are determined for the Units operated in the San Juan Basin.

It is El Paso's position that Tenneco now pleads "ignorance" to the workings of the Unit Agreements in an attempt to avoid performing its drilling and financial obligations in compliance with the Unit Agreements. Tenneco, we believe, is attempting to challenge the effective dates in order to avoid bearing their share of the "Field Facility" costs, and certain other capital expenditures and lease operating expenses. In addition they appear to be "slow playing" the obligation mandated by the Unit Agreements to drill (i.e. drilled by the Unit Operator) their Intervening Drilling Blocks which are established by the Second Fruitland Expansion.

El Paso Natural Gas Company, as Unit Operator, requests that the Bureau of Land Management process the First and Second Fruitland Expansions as quickly as possible so that the cost and production can be allocated among the participating area working interest owners in compliance with the Unit Agreements and that any drilling obligations established by the participating area may be drilled under our 1988 Drilling Program.

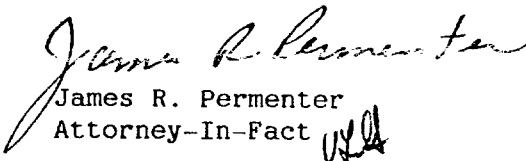
The State Director
Bureau of Land Management

-4-

March 4, 1988

We believe the weight of past precedent, and the inequities that would result from departing therefrom justify that the aforesaid District Office opinion of February 2, 1988 be upheld and we respectfully submit these observations in support thereof.

Very truly yours,


James R. Permenter
Attorney-In-Fact *WLL*

JRP:VLG:gm
Document 0026L
San Juan 30-6 Unit

cc: BLM - Albuquerque
Commissioner of Public Lands
Oil Conservation Division
Tenneco
Conoco
Global Natural
Matagorda Oil
El Paso Natural Gas Company, El Paso

GLOBAL NATURAL RESOURCES CORPORATION

February 24, 1988

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The State Director
Bureau of Land Management
P. O. Box 1449
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, No. 14-08-001-538
Fruitland Formation
Rio Arriba County, New Mexico

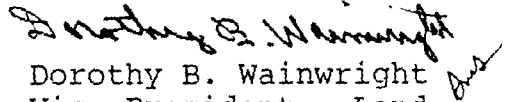
Gentlemen:

Global Natural Resources Corporation of Nevada respectfully requests to go on record in support of the BLM decision as expressed in its February 2, 1988 letter to Tenneco Oil Company regarding the expansions of the Fruitland Formation Participation Area as proposed by El Paso Natural Gas Company.

The decision of the BLM reflects its intentions to maintain consistency, fairness and uniformity in its applications of state rules and to protect the interests of all interest owners under unit agreements.

Very truly yours,

GLOBAL NATURAL RESOURCES
CORPORATION OF NEVADA


Dorothy B. Wainwright
Vice President - Land

DBW/jf

cc: Bureau of Land Management	Commissioner of Public Lands
South Central Region	State of New Mexico
435 Montano, N. E.	P. O. Box 1148
Albuquerque, NM 87107	Santa Fe, NM 87504-1148
Attention: District Manager	Attention: Mr. Pete Martine:

The State Director
Bureau of Land Management
February 24, 1988
Page 2

Oil Conservation Division ✓
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87504-2088

Working Interest Owners - Fruitland Formation

Conoco, Inc.
P. O. Box 460
Hobbs, NM 88240

Meridian Oil, Inc.
3535 E. 30th Street
Farmington, NM 87499
Attn: Van Goebel

Tenneco Oil Company
P. O. Box 3249
Englewood, CO 80155

February 19, 1988

CERTIFIED - RETURN RECEIPT REQUESTED

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
1988 Drilling Program
Rio Arriba County, New Mexico

Gentlemen:

Please be advised that El Paso Natural Gas Company is at this time preparing the 1988 Drilling Program for submittal to the San Juan 30-6 Unit working interest owners. Once the Drilling Program has been reviewed and approved by the unit working interest owners we will file the 1988 Drilling Program. We are attempting to be in compliance with the March 1, 1988 filing requirement without having to submit a no well drilling program at this time which would later be amended.

Copies of this letter are being sent to the working interest owners shown on the attached page.

Yours very truly,



Alan Alexander
District Land Manager *WA*

AA:VLG:gm
San Juan 30-6 Unit, 3.0

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Phillips Petroleum Company
Amoco Production Company	PWG Partnership
Arco Oil & Gas Company	Mr. James M. Raymond, Ind. & as Executor of Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Mast & Maydell Miller Mast Trusts
Elizabeth Jeanne Turner Calloway	
W. P. Carr, Ind. & as Trustee	Mr. W. H. Sloan
Conoco, Inc.	Southland Royalty Company c/o Meridian Oil
James Allison Cozby	Tenneco Oil Company
Crown Central Petroleum Corporation	Texaco Producing Inc.
FPCO Oil & Gas Company (formerly Petro Lewis Corporation)	Mr. Frederick Eugene Turner
Global Natural Resources Corp.	Mr. J. Glenn Turner, Jr.
T. H. & Nancy L. Harrington	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (6743)
Catherine Harvey	Mr. John Lee Turner
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. Paul H. Umbach
Mr. Barron Kidd	Helen Ulmer Van Atta
Koch Industries	The Wiser Oil Company
Matagorda Oil Company	
T. H. McElvain, Jr.	
T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore & Jo Ann Montgomery Moore Trustees	
Mr. Robert Mosbacher	
Northwest Pipeline Corporation	
Partnership Properties Inc.	

Tenneco Oil Company

A Tenneco Company

Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado 80111



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 15, 1988

The State Director
Bureau of Land Management
P.O. Box 1449
Santa Fe, New Mexico 87501

Re: Request for Administrative Review
San Juan 30-6 Unit, No. 14-08-001-538
Fruitland Formation
Rio Arriba County, New Mexico

Gentlemen:

By letter dated February 2, 1988 and received by Tenneco Oil Company on February 8, 1988, copy enclosed as Schedule 1, Mr. Sid Vogelpohl, for the District Manager of the Albuquerque District Office of the Bureau of Land Management, indicated, over Tenneco's protest, that El Paso Natural Gas Company's proposed First and Second Expanded Participating Areas for the Fruitland Formation of the San Juan 30-6 Unit are correct. Copies of El Paso Natural Gas Company's proposed First and Second Expansion Request and Tenneco's protest are attached as Schedules 2 and 3, respectively.

Tenneco, pursuant to 43 CFR 3185, takes this opportunity to request your administrative review of the decision to deny Tenneco's protest and, further, for the reasons expressed below, reiterates its position and recommendation that El Paso should be requesting approval of an Initial Participating Area for the Fruitland Formation and a First Expansion thereof, failing to receive which it should be requesting approval of First and Second Expanded Participating Areas for the 1953 Fruitland Participating Area. In any event, expansions bringing Tenneco/Conoco acreage into the Fruitland Participating Area should be effective January 1, 1988.

THE INITIAL PARTICIPATING AREA FOR THE FRUITLAND FORMATION WITH AN EFFECTIVE DATE OF APRIL 30, 1953 SHOULD HAVE TERMINATED YEARS AGO IN LIGHT OF THIRTY PLUS YEARS OF NON-PRODUCTION.

In the instant case, the Initial Fruitland Participating Area was established upon the creation of the 30-6 Unit on April 30, 1953 based on the Abraham #1 Well which was completed and producing from the Fruitland Formation upon approval of the Unit. The well produced,

Bureau of Land Management
Santa Fe, New Mexico

February 15, 1988

sometimes intermittently, until early 1955, at which time it was plugged out of the Fruitland, having watered out. During its producing life, the owners of the tract upon which the well was located did not share production with any other owners in the Unit. It is important to note that from 1955 until 1986, a term of over thirty years, there were no attempts to further develop the Fruitland Formation.

The Bureau of Land Management has taken the position that Section 11 of the San Juan 30-6 Unit Agreement will not allow termination of the Initial Fruitland Participating Area. See letter from Sid Vogelpohl, Acting District Manager, to Meridian Oil dated September 18, 1987, attached as Schedule 4. As indicated in Mr. Vogelpohl's letter, Section 11 provides: "No lands shall be excluded from a participating area on account of depletion of unitized substances." This is essentially the same language as is found in the current modern onshore unit agreement form found at 43 CFR §3186.1. Section 11 of the new form has additional language which directly addresses our problem. It provides: "No lands shall be excluded from a participating area on account of depletion of its unitized substances, except that any participating area established under the provisions of this Unit Agreement shall terminate automatically whenever all completions in the formation on which the participating area is based are abandoned." (emphasis added) Tenneco submits that, contrary to Mr. Vogelpohl's interpretation, the San Juan 30-6 Unit Agreement does not prohibit termination of a participating area because the entire participating area ceases to produce. If the elimination language of the San Juan 30-6 Unit Agreement prohibited termination of a non-productive participating area, there would have been no need to add the second clause to the sentence as found in the modern form.

Further, Administrative Judge Henriques, in 53 IBLA 62, 67 (1981) GFS(O&G)49(1981), relates that "the purposes for establishing a participating area within a unit are to insure that each interest owner of lands covering a single producible pool will receive the benefits of its fair share of production from the pool and to promote the efficient production of unitized substances." Since the owners of the tract upon which the Abraham #1 well is located did not share their Fruitland production with any other owners in the Unit, it would clearly be a violation of the correlative rights of the current owners in the remainder of the Unit to now have to share their Fruitland production with the owners of the Abraham tract. The owners of the Abraham tract have already received their fair share of production from the tract, and did not share it with anyone else, so therefore they should not now receive a share of production from parties who have borne the entire risk of re-establishing Fruitland production.

Bureau of Land Management
Santa Fe, New Mexico

February 15, 1988

Although the 30-6 Unit Agreement does not contain the modern exception calling for the automatic termination of a participating area when all completions in the formation are abandoned, to interpret the San Juan 30-6 Unit Agreement to require such a result would be fair to all parties and would not be inconsistent with its express terms. By establishing such a policy in the Basin, the BLM would encourage more development within the Basin because parties seeking to re-establish production would not be burdened with the responsibility of paying 100% of drilling costs and having to share production with other parties who have not borne any of the risk of discovery. Succinctly, it is difficult in this economic climate to find prospects within the Basin which will be economic if they must repay 100% of drilling costs out of 50% of production.

ASSUMING THAT YOU DETERMINE THAT THE INITIAL PARTICIPATING AREA FOR THE FRUITLAND FORMATION PREMISED ON THE ABRAHAM #1 WELL IS STILL IN EXISTENCE, THE EFFECTIVE DATE OF THE FIRST AND SECOND EXPANDED PARTICIPATING AREAS SHOULD BE JANUARY 1, 1988.

In this controversy, the BLM finds itself in the uncomfortable position of having to mediate a disagreement among working interest owners regarding performance under a Unit Agreement. Fortunately for the BLM, regardless of the effective date of expansion of this participating area, the United States' royalties are the same since all lands in the participating areas, both original and expanded, are Federal lands. The effective date of expansion, however, has a profound effect upon the various working interest owners.

We submit that the BLM, in discharging its duty of enforcing its operating regulations, should limit the scope of its inquiry to the language of the currently approved San Juan 30-6 Unit Agreement. That Agreement, under Section 11(a), clearly provides that the effective date of the expansion of a participating area shall be the first of the month following the time that "... the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, ..." (emphasis added). See Section 11(a) of the Unit Agreement for the Development and Operation of the San Juan 30-6 Unit Area, Page 10. Adequate notice was not delivered until December, 1987; therefore, the effective date of expansion should be January 1, 1988.

Bureau of Land Management
Santa Fe, New Mexico

February 15, 1988

IT IS OUTSIDE OF THE BLM'S CHARGE OF ENFORCING ITS OPERATING REGULATIONS TO DELVE INTO A MIXED QUESTION OF FACT AND LAW; THAT IS WHETHER THE BEHAVIOR OF THE PARTIES HAS IN FACT RESULTED IN THE MODIFICATION OF A UNIT AGREEMENT BY ESTOPPEL.

By finding that the effective date of the unitization is the first of the month following testing of the well upon which the expansion is premised, the BLM is advocating that the Unit Agreement is not controlling but that the behavior of the parties over the past thirty-five years has in effect modified the Agreement. Consequently, Tenneco Oil Company is estopped to deny the modified agreement which presumably provides that an expansion shall occur on the first of the month following testing of the qualifying well.

Tenneco suggests that when all working interest owners agree not to enforce a provision of a Unit Agreement and when the failure to enforce that provision is of no consequence to the BLM (as in the case in the San Juan 30-6 Unit with the BLM's royalty ownership) that such action would not constitute an estoppel. When, however, one or more parties object to an attempt by another working interest owner to a Unit Agreement to seek approval of an action which does not comport with the terms of the Unit Agreement, the BLM is cast into an entirely different situation - that of a mediator. The instant case is an example of the latter situation. When acting as a mediator, the BLM should limit itself to enforcing the Unit Agreement as written and if the working interest owners disagree with the effects of enforcement among themselves, they should resort to a judicial determination relating to estoppel. This is particularly true in this instance where the interests of the Federal Government are neutral in the matter since royalties flowing to the Government will not be affected by the effective date for cost sharing among the working interest owners.

Now, let us clear up a misperception. Mr. Vogelpohl, in his letter to Tenneco dated February 2, 1988, states that the latest incidence of the first-day-of-the-month-following-testing-interpretation for the 30-6 Unit was accepted by Tenneco for the Pictured Cliffs Participating Area Expansion which was approved August 7, 1985. Mr. Vogelpohl is assuming Tenneco had the ownership and ability to affect El Paso's expansion requests. Tenneco, however, first acquired a working interest in the 30-6 Unit on September of 1985, and it is limited to the Mesaverde and Fruitland formations only. Prior to September 1, 1985, Tenneco owned (and continues to own) only an override in the Pictured Cliffs Participating Area. With only an override, Tenneco would not have voiced an objection to the effective date of expansion.

Bureau of Land Management
Santa Fe, New Mexico

February 15, 1988

IF THE BLM IS MAKING A FINDING OF ESTOPPEL, TWO OF THE FOUR CRITICAL ELEMENTS OF SUCH FINDING ARE MISSING.

As explained in 52 IBLA 308 (1981) GFS(O&G)37(1981), the elements of an estoppel are the following:

- "(1) The party to be estopped (Tenneco) must know the facts;
- (2) He or it must intend that his or its conduct shall be acted on or must so act that the party asserting the estoppel has a right to believe it is so intended;
- (3) The latter (El Paso) must be ignorant of the true facts; and
- (4) He or it must rely on the former's conduct to his or its injury."

In this instance Tenneco did not know of the facts surrounding the estoppel. See Item (1). As we are all aware, there has been a tremendous turnover in the personnel of oil companies in the past few years. In Tenneco's instance, the Production Manager and Legal staff have completely turned over in the Rocky Mountain Division office. None of us had actual knowledge of the historical interpretation of these Unit Agreements by the BLM. We did what was logical and ordinary - we read the controlling agreements and published regulations of the BLM and assumed they controlled.

The third element of estoppel as quoted above requires that the latter (El Paso) must be ignorant of the true facts. El Paso, in fact, wrote, submitted and has copies of the Unit Agreement and is well aware of what it expressly requires.

RETROACTIVE APPROVAL OF THE FRUITLAND PARTICIPATING AREA WILL UNFAIRLY PREJUDICE TENNECO AND OTHER NON-OPERATORS IN THIS INSTANCE.

Mr. Vogelpohl, in the third paragraph of his letter of February 2, 1988, opines that:

"what has been agreed to and accepted by Tenneco in the past should not suddenly become unacceptable. The method that has been used for the past 35 years allows for consistency in selecting effective dates for revisions and assures that all the interests in the unit will benefit in the long term rather than individual interests benefiting for short terms at the expense of others in the unit."

Bureau of Land Management
Santa Fe, New Mexico

February 15, 1988

Tenneco submits, to the contrary, that in light of the vintage of this Unit and companion Unit Operating Agreements, which do not contain modern voting procedures and non-consent provisions to protect non-operators, that to treat the effective date of participating area expansions as though the Agreement read as a modern vintage Unit Agreement reads can lead to, and in this case did lead to, abusive behavior on the part of the Operator. For this total project through August, 1987, El Paso has spent \$5,204,600 (capital) and \$3,067,400 (expense). If the BLM makes the effective date of expansion of the participating area retroactive to May 1, 1986, non-operators brought into the Participating Area will have to bear their share of over approximately \$4,500,000 in capital and \$3,000,000 in expenses. El Paso, as Operator, however, has never sought the approval of the non-operators on any of these expenditures. El Paso has not even consulted non-operators regarding these expenditures. Only after Tenneco contacted El Paso by phone in April, 1987 requesting information relative to the Fruitland program followed by a letter on May 7, 1987, did El Paso deem it appropriate to furnish any information to non-operators within the proposed Expanded Fruitland Participating Area. It was not until late 1987 that Tenneco first received an explanation of expenditures. We have yet to receive an AFE. The BLM should not encourage such abusive unilateral behavior by an Operator.

For the reasons stated above, Tenneco Oil Company reiterates its protest, and requests your consideration of its position. We respectfully request that you establish the Initial Participating Area for the Fruitland Formation based upon the drilling of the San Juan 30-6 Unit #400 well with an effective date of December, 1985, and that the First and Second Expanded Participating Areas for such Fruitland Formation be made effective January 1, 1988, all in accordance with Tenneco's protest to El Paso Natural Gas Company's Proposed First and Second Expanded Participating Area Fruitland Formation dated January 11, 1988, attached as Schedule 1. If you find, however, that the 1953 Fruitland Participating Area is still in effect and the new wells are expansions of that Participating Area, then the effective date of expansion should be January 1, 1988.

Very truly yours,

TENNECO OIL COMPANY

By:



David L. Motloch
Division Attorney

DLM/ps/4602L
Attachments

Bureau of Land Management
Santa Fe, New Mexico

February 15, 1988

cc: Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano, N.E.
Albuquerque, New Mexico 87107

Commission of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Working Interest Owners - Fruitland Formation

San Juan 30-6 Unit

Fruitland Formation Working Interest Owners

Conoco, Inc.

El Paso Natural Gas Company

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company



SCHEDULE 1

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107



SJ 30-6 (FRPA)
3160 (015)

FEB 08 1988

RECEIVED

FEB - 8 1988

LEGAL

Tenneco Oil Company
Attn: P.W. Cayce, Jr.
P.O. Box 3249
Englewood, CO 80155

Gentlemen:

This is in reply to your letter of protest dated January 11, 1988 concerning El Paso Natural Gas Company's (Unit Operator) application for the first and second revisions to the Fruitland Participating in the San Juan 30-6 unit. The first item mentioned in your letter concerns the initial Fruitland Participating Area. Your letter states that because the well upon which the initial participating area was based was plugged and abandoned as to the Fruitland Formation on May 15, 1955, the initial participating area should have been terminated. The unit agreement makes no provisions for eliminating land from a participating area for any reason and states that no land shall be excluded from a participating area due to depletion of unitized substances. Therefore, we feel that El Paso was correct in submitting a request for the first and second revisions to the Fruitland Participating Area and will process the application as submitted.

The second item mentioned in your letter concerns the effective date of the revisions. Your letter contends that the effective date should be January 1, 1988, the first day of the month following the month in which the notice was received in this office. The effective date submitted by the operator is the first of the month following the month in which the well was tested. This method of selecting the effective date has been used in this unit beginning with the first revision to the Mesaverde Formation in 1953. This method has been used for 35 years or longer in this unit and other San Juan units. For example, this method was used to determine the effective date of initial revision to the Pictured Cliffs Participating Area in this unit. The application was submitted on July 5, 1985, approved August 7, 1985 and was effective February 1, 1984. Tenneco was a working interest owner at that time and accepted the effective date.

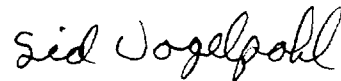
As stated above, this method has been used in other San Juan Units to determine the effective date for Participating Area Revisions. Tenneco, as a working interest owner in some of these units, has accepted the effective dates on all previous revisions. What has been agreed to and accepted by Tenneco in the past should not suddenly become unacceptable. The method that has been used for the past 35 years allows for consistency in selecting effective dates for revisions and assures that all of the interests in the unit will benefit in the long term rather than individual interests benefiting for short terms at the expense of others in the unit.

We have determined that the application is correct as submitted and, if approved, the revisions would be effective as of the dates requested by the unit operator.

Pursuant to 43 CFR 3185, you may request an administrative review of any instructions, orders or decisions issued by the Authorized Office. Such request, including all supporting documentation, must be filed in writing within 20 business days of the date such instructions, orders or decisions were received and must be filed with the State Director, BLM, P.O. Box 1449, Santa Fe, New Mexico 87501. Such a request shall not result in suspension of the instruction or order unless the reviewing official so determines. The reviewing official will issue a final decision within 10 business days. Where a review is requested, the decision issued upon review will represent the final decision from which an appeal may be taken pursuant to 43 CFR 3165.4.

If you have any questions concerning this matter, please contact Robert Kent in this office or call (505) 761-4503.

Sincerely,

A handwritten signature in cursive script, reading "Sid Vogelbach".

For District Manager

SCHEDULE 2

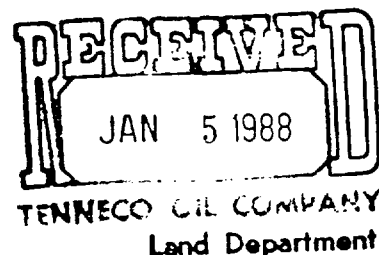
El Paso
Natural Gas Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

December 18, 1987

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano N. E.
Albuquerque, New Mexico 87107



Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
First Expanded Participating Area
Effective January 1, 1986
Second Expanded Participating Area
Effective May 1, 1986
Fruitland Formation

Notice of Completion of Additional
Well, Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Fruitland Formation and that the Participating Area for the Fruitland Formation is expanded accordingly as follows.

First Expanded Participating Area -- Effective January 1, 1986

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 14, T-30-N, R-7-W	320.00	#400

The San Juan 30-6 Unit #400 Well was completed on December 12, 1985. The Fruitland Formation was tested on December 12, 1985, with an average production rate of 3,750 MCF/D. The spacing unit for this well is described as the W/2 of Section 14, T-30-N, R-7-W, N.M.P.M, containing 320.00 acres.

Second Expanded Participating Area -- Effective May 1, 1986

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 13, T-30-N, R-7-W	320.00	#401
E/2 Section 14, T-30-N, R-7-W	320.00	Intervening Drilling Block
W/2 Section 15, T-30-N, R-7-W	320.00	#402
E/2 Section 15, T-30-N, R-7-W	320.00	Intervening Drilling Block

The San Juan 30-6 Unit #401 well was completed on April 1, 1986. The Fruitland Formation was tested on April 1, 1986, with an average production rate of 132 MCF/D, but is currently producing 180 MCF/D. The spacing unit for this well is described as the W/2 of Section 13, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #402 well was completed on April 17, 1986. The Fruitland Formation was tested on April 17, 1986, with an average production rate of 1,819 MCF/D. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELLS

One additional well capable of producing unitized substances from the Fruitland Formation has been completed upon acreage committed to the Fruitland Participating Area. The acreage dedicated to the #406 well was brought into the Participating Area by the Second Expansion.

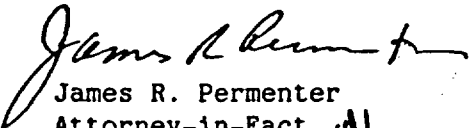
This well is as follows:

The San Juan 30-6 Unit #406 well was completed on May 27, 1986. The Fruitland Formation was tested on May 27, 1986, with an average production rate of 1,323 MCF/D. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

Attached hereto are Schedules I, II, and III showing the Initial through the Second Expanded Participating Areas for the Fruitland Formation of the San Juan 30-6 Unit. The Initial Participating Area is provided for information purposes only in that it is already in effect. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, the First and Second Expanded Participating Areas will become effective as of January 1, 1986, and May 1, 1986, respectively.

Copies of this letter and schedules are being sent to the working interest owners on the attached sheet.

Yours very truly,


James R. Permenter
Attorney-in-Fact 

JRP:VLG:tlm
Attachments
San Juan 30-6 Unit, 4.5
Doc. 0251L

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 080713 30N	6W	227.26		TRACT: 018			100.000000
			ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		42.000000	42.000000	
			MATAGORDA OIL COMPANY		9.240000	9.240000	
			GLOBAL NATURAL RESOURCES COR		32.760000	32.760000	
							
			TOTAL		100.000000	100.000000	

EFFECTIVE 53/04/30

RUN DATE 09/25/87
RUN TIME 15:59:25

MERIDIAN OIL COMPANY

SCHEDULE 1
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, E/2 W/2
TOTAL COMMITTED: 227.26

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 227.26

RUN DATE 10/27/87
RUN TIME 12:44:34

MERIDIAN OIL COMPANY
SCHEDULE 11
THE 001 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573 30N 7W		320.00		TRACT: 002			58.473120
SEC. 14 W/2			ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO		3.500000 12.500000 84.000000	3.500000 12.500000 84.000000	
			TOTAL		100.000000	100.000000	
USA SF 080713 30N 6W		227.26		TRACT: 018			41.526879
SEC. 13 E/2 W/2	LOTS 1,2,3,4,		ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO MATACORDA OIL COMPANY GLOBAL NATURAL RESOURCES COR		3.500000 12.500000 42.000000 9.240000 32.760000	3.500000 12.500000 42.000000 9.240000 32.760000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 86/01/01

RUN DATE 10/27/87
RUN TIME 12:44:42

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

MERIDIAN OIL COMPANY
SCHEDULE II
R E C A P I T U L A T I O N

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

PAGE 1
FED535AP-A

TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, E/2 W/2
TOWNSHIP 30N , RANGE 7W
SECTION 14 : W/2
TOTAL COMMITTED: 547.26

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

547.26

RUN DATE 10/27/87
RUN TIME 12:44:36

MERIDIAN OIL COMPANY
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573	30N 7W	640.00		TRACT: 002			35.025119
SEC. 14	W/2		ORRI:		3.500000	3.500000	
SEC. 13	W/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
USA NM-012293	30N 7W	320.00		TRACT: 003			17.512559
SEC. 14	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			TENNECO OIL COMPANY		42.500000	42.500000	
			COMOCO, INC.		42.500000	42.500000	
			TOTAL		100.000000	100.000000	
USA NM 012694	30N 7W	320.00		TRACT: 004			17.512559
SEC. 15	E/2		ORRI:		2.500000	2.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			TENNECO OIL COMPANY		42.500000	42.500000	
			COMOCO, INC.		42.500000	42.500000	
			TOTAL		100.000000	100.000000	
USA NM 012710	30N 7W	320.00		TRACT: 005			17.512559
SEC. 15	W/2		ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		84.000000	84.000000	
			TOTAL		100.000000	100.000000	
USA SF 080713	30N 6W	227.26		TRACT: 018			12.437201
SEC. 13	LOTS 1,2,3,4, E/2 W/2		ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		42.000000	42.000000	
			MATAGORDA OIL COMPANY		9.240000	9.240000	
			GLOBAL NATURAL RESOURCES COR		32.760000	32.760000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 86/05/01

TOWNSHIP 30N	, RANGE 6W	
SECTION 13	: LOTS 1,2,3,4, E/2 W/2	
TOWNSHIP 30N	, RANGE 7W	
SECTION 13	: W/2	
SECTION 14	: W/2	
SECTION 14	: E/2	
SECTION 15	: W/2	
SECTION 15	: E/2	
TOTAL COMMITTED:	1,827.26	TOTAL ACRES NON-COMMITTED:
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:	1,827.26	

SCHEDULE 3

Tenneco Oil Company
A Tenneco Company



Rocky Mountain Division
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address
6162 South Willow Drive
Englewood, Colorado 80111

January 11, 1988

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano, N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit, No. 14-08-001-538
Rio Arriba County, New Mexico

Protest to El Paso Natural Gas Company's
Proposed First and Second Expanded
Participating Area
Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, No. 14-08-001-538, approved April 30, 1953, Tenneco Oil Company, as Non-Operator, files this its protest to the proposed First and Second Expanded Participating Area for the Fruitland Formation as proposed by El Paso Natural Gas Company in its Notice of Completion of Addition Well, Fruitland Formation, dated December 18, 1987.

Tenneco objects to El Paso's application being characterized as a First and Second Expansion of the Fruitland Formation Participating Area. Rather, the Initial Participating Area for the Fruitland Formation should consist of the W/2 of Section 14, T30N-R7W (USA NM-012573) with an effective date equal to the date of first production of well No. 400 with the first expansion of the Participating Area to be effective January 1, 1988. Such first expansion should include the lands and leases shown on Schedule 1 attached hereto. In support of this, Tenneco suggests that the original Fruitland Participating Area predicated upon the Abraham #1 well (NW/4NE/4 of Section 13, T30N-R6W) which was plugged as to the Fruitland formation on May 15, 1955, should have

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Division

January 11, 1988

been terminated years ago. Although Section 11(a) of the Unit Agreement clearly provides that no lands shall be excluded from a participating area on account of depletion of the unitized substances, there is no need to continue to have a viable participating area when there has not been production from the area for in excess of thirty years. Although it is clear that it is a violation of a lessee's correlative rights to exclude lands from a participating area on account of depletion, in this instance it is a violation of correlative rights of the lessees of record currently owning Fruitland production to include lands in the current participating area from which they did not share production and have no possibility in the future of sharing production.

Notwithstanding the foregoing, even if the Initial Fruitland Participating Area is deemed to be the E/2 of Section 13, T30N-R6W, the effective date of the first expanded Fruitland Participating Area should be January 1, 1988.

Under Section 11(a) of said Unit Agreement, "Additional Drilling Blocks subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on such Drilling Block, ..." (emphasis added). Section 11(a) goes on to say "for the purposes hereof, it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, ..." (emphasis added).

Pursuant to the above, the effective date of the First Expanded Participating Area for the Fruitland Formation should be January 1, 1988 and should include the lands and interests shown on schedule I.

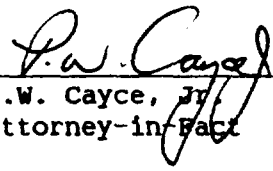
Copies of this letter and schedule are being sent to the Working Interest Owners on the attached sheet.

Very truly yours,

TENNECO OIL COMPANY

PWC/DLM/ps/4528L
Attachment

By:


P.W. Cayce, Jr.
Attorney-in-Fact

WFM
JVC

San Juan 30-6 Unit

Fruitland Formation Working Interest Owners

Conoco, Inc.

El Paso Natural Gas Company

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company

TENNECO OIL COMPANY

RUN DATE 10/27/87
RUN TIME 12:44:34SCHEDULE I
FIRST EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREAPAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK	OWNERSHIP	PERCENTAGE COMMITTED	PERCENTAGE ACTUAL PARTICIPATION
USA NM-012573 30N 7W		640.00	TRACT: 002	ORRI:	3.500000	35.025119
SEC. 14 W/2				ROYALTY:	12.500000	.....
SEC. 13 W/2				WORKING INTEREST:	84.000000	.....
				EL PASO NATURAL GAS CO	100.000000	.....
				TOTAL	100.000000	100.000000
USA NM-012293 30N 7W		320.00	TRACT: 003	ORRI:	2.500000	17.512559
SEC. 14 E/2				ROYALTY:	12.500000	.....
				WORKING INTEREST:	42.500000	.....
				TENNECO OIL COMPANY	42.500000	.....
				CONOCO, INC.	100.000000	100.000000
				TOTAL	100.000000	100.000000
USA NM 012694 30N 7W		320.00	TRACT: 004	ORRI:	2.500000	17.512559
SEC. 15 E/2				ROYALTY:	12.500000	.....
				WORKING INTEREST:	42.500000	.....
				TENNECO OIL COMPANY	42.500000	.....
				CONOCO, INC.	100.000000	100.000000
				TOTAL	100.000000	100.000000
USA NM 012710 30N 7W		320.00	TRACT: 005	ORRI:	3.500000	17.512559
SEC. 15 W/2				ROYALTY:	12.500000	.....
				WORKING INTEREST:	84.000000	.....
				EL PASO NATURAL GAS CO	100.000000	100.000000
				TOTAL	100.000000	100.000000



SCHEDULE 4

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE

435 Montano N.E.
Albuquerque, New Mexico 87107

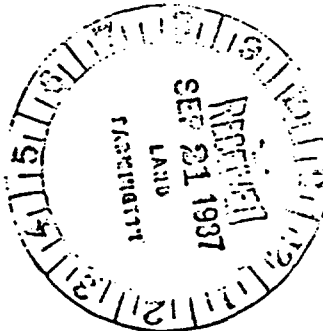


IN REPLY REFER TO:

San Juan 30-6 Unit (GC)
3180 (015)

SEP 13 1987

MERIDIAN OIL
ATTN: Van L. Goebel
PO Box 4289
Farmington, NM 87499



Gentlemen:

This is in response to your letter dated August 24, 1987 in which you requested our findings regarding the establishment of a separate Fruitland Coal Participating Area (PA) in the San Juan 30-6 Unit. The initial Fruitland PA is based on production from well No. 1 Abraham, now plugged in the Fruitland formation. In support of the separate PA you submitted a geologic cross section and reservoir production data from the Fruitland formation in your Fruitland Coal Project Area. We are taking this technical evidence under advisement pending submittal of a formal application by the unit operator.

We have found that the establishment of a separate Fruitland PA is not allowed by the terms of the San Juan 30-6 Unit Agreement, section 11. First, by the terms of the agreement, the initial Fruitland PA cannot be abolished. Section 11 states "No land shall be excluded from a participating area on account of depletion of the unitized substance." We interpret this to mean that once a PA is established, the land remains in the PA until the unit terminates. Secondly, the agreement specifically provides for wells producing from the Fruitland formation. Section 11 states "It is hereby agreed for the purposes of this agreement that all wells completed for production in the Fruitland formation shall be regarded as producing from a single zone or pool..." BLM will not approve separate PAs in the same zone or pool.

If you have any questions concerning these findings, please contact Bob Kent or Gary Stephens in this office or call (505) 761-4503.

Sincerely,

District Manager

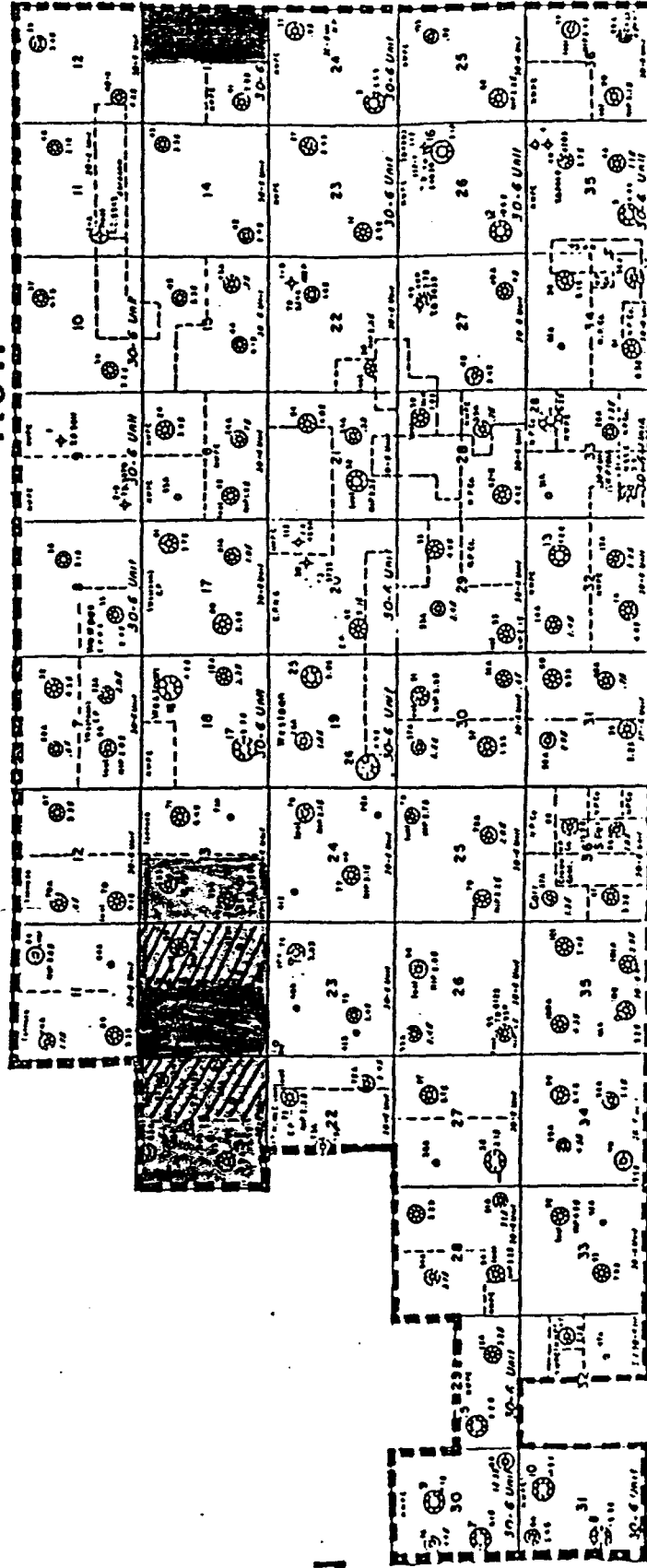
SAN JUAN 30-6 UNIT

FRUITLAND PARTICIPATING AREA

R7W

R6W

T30N



Initial Fruitland Participating Area

First Fruitland Participating Area Expansion

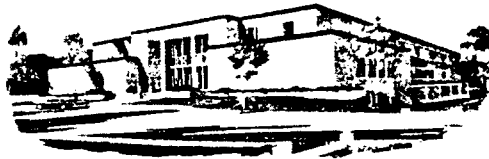
Second Fruitland Participating Area Expansion

Intervening Drilling Block

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO. OG-676

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Tenneco Oil Company
ATTENTION: Mr. P. W. Cayce, Jr.
P. O. Box 3249
Englewood, Co. 80155

Re: San Juan 30-6 Unit Rio Arriba
County, New Mexico - Protest to
El Paso Natural Gas Company's
proposed First and Second
Expanded Participating Area,
Fruitland Formation

Gentlemen:

This office is in receipt of your letter of January 11, 1988, and a copy of the the Bureau of Land Management's response, regarding the proposed First and Second Expanded Fruitland Formation Participating Area, for the San Juan 30-6 Unit Area Rio Arriba County, New Mexico.

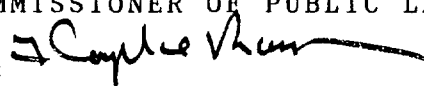
Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Managment's letter of January 11, 1988.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

WILLIAM R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:

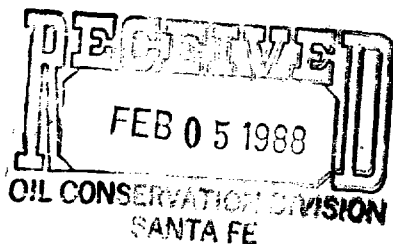

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm

encls. Copy of BLM ltr of 2-4-88

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico

El Paso Natural Gas Co. Attn: Mr. James R. Permenter



FEB 02 1988

SJ 30-6 (FRPA)
3160 (015)

Tenneco Oil Company
Attn: P.W. Cayce, Jr.
P.O. Box 3249
Englewood, CO 80155

Gentlemen:

This is in reply to your letter of protest dated January 11, 1988 concerning El Paso Natural Gas Company's (Unit Operator) application for the first and second revisions to the Fruitland Participating in the San Juan 30-6 unit. The first item mentioned in your letter concerns the initial Fruitland Participating area. Your letter states that because the well upon which the initial participating area was based was plugged and abandoned as to the Fruitland Formation on May 15, 1955, the initial participating area should have been terminated. The unit agreement makes no provisions for eliminating land from a participating area for any reason and states that no land shall be excluded from a participating area due to depletion of unitized substances. Therefore, we feel that El Paso was correct in submitting a request for the first and second revisions to the Fruitland Participating Area and will process the application as submitted.

The second item mentioned in your letter concerns the effective date of the revisions. Your letter contends that the effective date should be January 1, 1988, the first day of the month following the month in which the notice was received in this office. The effective date submitted by the operator is the first of the month following the month in which the well was tested. This method of selecting the effective date has been used in this unit beginning with the first revision to the Mesaverde Formation in 1953. This method has been used for 35 years or longer in this unit and other San Juan units. For example, this method was used to determine the effective date of initial revision to the Pictured Cliffs Participating Area in this unit. The application was submitted on July 5, 1985, approved August 7, 1985 and was effective February 1, 1984. Tenneco was a working interest owner at that time and accepted the effective date.

As stated above, this method has been used in other San Juan Units to determine the effective date for Participating Area Revisions. Tenneco, as a working interest owner in some of these units, has accepted the effective dates on all previous revisions. What has been agreed to and accepted by Tenneco in the past should not suddenly become unacceptable. The method that has been used for the past 35 years allows for consistency in selecting effective dates for revisions and assures that all of the interests in the unit will benefit in the long term rather than individual interests benefiting for short terms at the expense of others in the unit.

We have determined that the application is correct as submitted and, if approved, the revisions would be effective as of the dates requested by the unit operator.

Pursuant to 43 CFR 3185, you may request an administrative review of any instructions, orders or decisions issued by the Authorized Office. Such request, including all supporting documentation, must be filed in writing within 20 business days of the date such instructions, orders or decisions were received and must be filed with the State Director, BLM, P.O. Box 1449, Santa Fe, New Mexico 87501. Such a request shall not result in suspension of the instruction or order unless the reviewing official so determines. The reviewing official will issue a final decision within 10 business days. Where a review is requested, the decision issued upon review will represent the final decision from which an appeal may be taken pursuant to 43 CFR 3165.4.

If you have any questions concerning this matter, please contact Robert Kent in this office or call (505) 761-4503.

Sincerely,

[Orig. Signed] - Sid Vogel/poh

For District Manager

cc:

NM-016 (w/encl.)

✓NMOCD

Comm. of Public Lands

R.Kent:ag:2/1/88:3873M

Tenneco Oil Company

A Tenneco Company



Rocky Mountain Division
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado 80111

January 11, 1988

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano, N.E.
Albuquerque, New Mexico 87107

RECEIVED

JAN 12 1988

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

OIL CONSERVATION DIVISION

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit, No. 14-08-001-538
Rio Arriba County, New Mexico

Protest to El Paso Natural Gas Company's
Proposed First and Second Expanded
Participating Area
Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, No. 14-08-001-538, approved April 30, 1953, Tenneco Oil Company, as Non-Operator, files this its protest to the proposed First and Second Expanded Participating Area for the Fruitland Formation as proposed by El Paso Natural Gas Company in its Notice of Completion of Addition Well, Fruitland Formation, dated December 18, 1987.

Tenneco objects to El Paso's application being characterized as a First and Second Expansion of the Fruitland Formation Participating Area. Rather, the Initial Participating Area for the Fruitland Formation should consist of the W/2 of Section 14, T30N-R7W (USA NM-012573) with an effective date equal to the date of first production of well No. 400 with the first expansion of the Participating Area to be effective January 1, 1988. Such first expansion should include the lands and leases shown on Schedule 1 attached hereto. In support of this, Tenneco suggests that the original Fruitland Participating Area predicated upon the Abraham #1 well (NW/4NE/4 of Section 13, T30N-R6W) which was plugged as to the Fruitland formation on May 15, 1955, should have

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Division

January 11, 1988

been terminated years ago. Although Section 11(a) of the Unit Agreement clearly provides that no lands shall be excluded from a participating area on account of depletion of the unitized substances, there is no need to continue to have a viable participating area when there has not been production from the area for in excess of thirty years. Although it is clear that it is a violation of a lessee's correlative rights to exclude lands from a participating area on account of depletion, in this instance it is a violation of correlative rights of the lessees of record currently owning Fruitland production to include lands in the current participating area from which they did not share production and have no possibility in the future of sharing production.

Notwithstanding the foregoing, even if the Initial Fruitland Participating Area is deemed to be the E/2 of Section 13, T30N-R6W, the effective date of the first expanded Fruitland Participating Area should be January 1, 1988.

Under Section 11(a) of said Unit Agreement, "Additional Drilling Blocks subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on such Drilling Block, ..." (emphasis added). Section 11(a) goes on to say "for the purposes hereof, it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, ..." (emphasis added).

Pursuant to the above, the effective date of the First Expanded Participating Area for the Fruitland Formation should be January 1, 1988 and should include the lands and interests shown on schedule 1.

Copies of this letter and schedule are being sent to the Working Interest Owners on the attached sheet.

Very truly yours,

TENNECO OIL COMPANY

PWC/DLM/ps/4528L
Attachment

By:


P.W. Cayce, Jr.
Attorney-in-Fact

1414
AV2

San Juan 30-6 Unit

Fruitland Formation Working Interest Owners

Conoco, Inc.

El Paso Natural Gas Company

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company

TENNECO OIL COMPANY

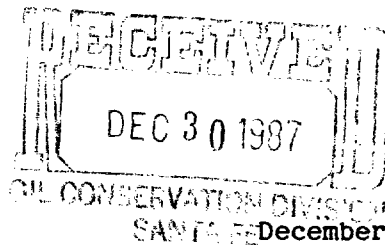
RUN DATE 10/27/87
RUN TIME 12:44:34

SCHEDULE I
FIRST EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573 30N 7W		640.00	TRACT: 002				35.025119
SEC. 14 W/2			ORRI:		3.500000	3.500000	.....
SEC. 13 W/2			ROYALTY:		12.500000	12.500000	.....
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		84.000000	84.000000	.....
			TOTAL		100.000000	100.000000	.....
USA NM-012293 30N 7W		320.00	TRACT: 003				17.512559
SEC. 14 E/2			ORRI:		2.500000	2.500000	.....
			ROYALTY:		12.500000	12.500000	.....
			WORKING INTEREST:				
			TENNECO OIL COMPANY		42.500000	42.500000	.....
			CONOCO, INC.		42.500000	42.500000	.....
			TOTAL		100.000000	100.000000	.....
USA NM 012694 30N 7W		320.00	TRACT: 004				17.512559
SEC. 15 E/2			ORRI:		2.500000	2.500000	.....
			ROYALTY:		12.500000	12.500000	.....
			WORKING INTEREST:				
			TENNECO OIL COMPANY		42.500000	42.500000	.....
			CONOCO, INC.		42.500000	42.500000	.....
			TOTAL		100.000000	100.000000	.....
USA NM 012710 30N 7W		320.00	TRACT: 005				17.512559
SEC. 15 W/2			ORRI:		3.500000	3.500000	.....
			ROYALTY:		12.500000	12.500000	.....
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		84.000000	84.000000	.....
			TOTAL		100.000000	100.000000	.....

El Paso
Natural Gas Company



P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

December 18, 1987

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
First Expanded Participating Area
Effective January 1, 1986
Second Expanded Participating Area
Effective May 1, 1986
Fruitland Formation

Notice of Completion of Additional
Well, Fruitland Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Fruitland Formation and that the Participating Area for the Fruitland Formation is expanded accordingly as follows.

First Expanded Participating Area -- Effective January 1, 1986

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 14, T-30-N, R-7-W	320.00	#400

The San Juan 30-6 Unit #400 Well was completed on December 12, 1985. The Fruitland Formation was tested on December 12, 1985, with an average production rate of 3,750 MCF/D. The spacing unit for this well is described as the W/2 of Section 14, T-30-N, R-7-W, N.M.P.M, containing 320.00 acres.

Second Expanded Participating Area -- Effective May 1, 1986

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well Number</u>
W/2 Section 13, T-30-N, R-7-W	320.00	#401
E/2 Section 14, T-30-N, R-7-W	320.00	Intervening Drilling Block
W/2 Section 15, T-30-N, R-7-W	320.00	#402
E/2 Section 15, T-30-N, R-7-W	320.00	Intervening Drilling Block

The San Juan 30-6 Unit #401 well was completed on April 1, 1986. The Fruitland Formation was tested on April 1, 1986, with an average production rate of 132 MCF/D, but is currently producing 180 MCF/D. The spacing unit for this well is described as the W/2 of Section 13, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #402 well was completed on April 17, 1986. The Fruitland Formation was tested on April 17, 1986, with an average production rate of 1,819 MCF/D. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELLS

One additional well capable of producing unitized substances from the Fruitland Formation has been completed upon acreage committed to the Fruitland Participating Area. The acreage dedicated to the #406 well was brought into the Participating Area by the Second Expansion.

This well is as follows:

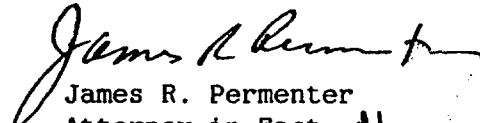
The San Juan 30-6 Unit #406 well was completed on May 27, 1986. The Fruitland Formation was tested on May 27, 1986, with an average production rate of 1,323 MCF/D. The spacing unit for this well is described as the W/2 of Section 15, T-30-N, R-7-W, N.M.P.M., containing 320.00 acres.

Attached hereto are Schedules I, II, and III showing the Initial through the Second Expanded Participating Areas for the Fruitland Formation of the San Juan 30-6 Unit. The Initial Participating Area is provided for information purposes only in that it is already in effect. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, the First and Second Expanded Participating Areas will become effective as of January 1, 1986, and May 1, 1986, respectively.

December 18, 1987

Copies of this letter and schedules are being sent to the working interest owners on the attached sheet.

Yours very truly,


James R. Permenter
Attorney-in-Fact 

JRP:VLG:tlm
Attachments
San Juan 30-6 Unit, 4.5
Doc. 0251L

San Juan 30-6 Unit

Fruitland Formation Working Interest Owners

Conoco, Inc.

El Paso Natural Gas Company

Global Natural Resources Corp.

Matagorda Oil Company

Tenneco Oil Company

RUN DATE 09/25/87
RUN TIME 15:59:15

MERIDIAN OIL COMPANY
SCHEDULE 1
The Initial EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 080713	30N 6W	227.26		TRACT: 018			100.000000
			ORRI:		3.500000	3.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO NATURAL GAS CO		42.000000	42.000000	
			MATAGORDA OIL COMPANY		9.240000	9.240000	
			GLOBAL NATURAL RESOURCES COR		32.760000	32.760000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 53/04/30

RUN DATE 09/25/87
RUN TIME 15:59:25

MERIDIAN OIL COMPANY
SCHEDULE I
RECAPITULATION

PAGE 1
FED55AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 30N , RANGE 6N
SECTION 13 : LOTS 1,2,3,4, E/2 W/2
TOTAL COMMITTED: 227.26

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 227.26

RUN DATE 10/27/87
RUN TIME 12:44:34

MERIDIAN OIL COMPANY
SCHEDULE 11
THE 001 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573 30N 7W		320.00		TRACT: 002			58.473120
SEC. 14 W/2							
	ORRI:				3.500000	3.500000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	EL PASO NATURAL GAS CO				84.000000	84.000000	
	TOTAL				100.000000	100.000000	
USA SF 080713 30N 6W		227.26		TRACT: 018			41.526879
SEC. 13 LOTS 1,2,3,4, E/2 W/2							
	ORRI:				3.500000	3.500000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:						
	EL PASO NATURAL GAS CO				42.000000	42.000000	
	MATAGORDA OIL COMPANY				9.240000	9.240000	
	GLOBAL NATURAL RESOURCES COR				32.760000	32.760000	
	TOTAL				100.000000	100.000000	

EFFECTIVE 86/01/01

TOWNSHIP 30N , RANGE 6W
SECTION 13 : LOTS 1,2,3,4, E/2 W/2
TOWNSHIP 30N , RANGE 7W
SECTION 14 : W/2
TOTAL COMMITTED: 547.26

TOTAL ACRES NON-COMMITTED:

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 547.26

RUN DATE 10/27/87
RUN TIME 12:44:34

MERIDIAN OIL COMPANY
SCHEDULE III
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND FORMATION
SAN JUAN 30-6 UNIT AREA

PAGE 1
FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA NM-012573 30N 7W	SEC. 14 W/2 SEC. 13 W/2	640.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO	TRACT: 002	3.500000 12.500000 84.000000 100.000000	3.500000 12.500000 84.000000 100.000000	35.025119
USA NM-012293 30N 7W	SEC. 14 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.	TRACT: 003	2.500000 12.500000 42.500000 42.500000 100.000000	2.500000 12.500000 42.500000 42.500000 100.000000	17.512559
USA NM 012694 30N 7W	SEC. 15 E/2	320.00	ORRI: ROYALTY: WORKING INTEREST: TENNECO OIL COMPANY CONOCO, INC.	TRACT: 004	2.500000 12.500000 42.500000 42.500000 100.000000	2.500000 12.500000 42.500000 42.500000 100.000000	17.512559
USA NM 012710 30N 7W	SEC. 15 W/2	320.00	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO	TRACT: 005	3.500000 12.500000 84.000000 100.000000	3.500000 12.500000 84.000000 100.000000	17.512559
USA SF 080713 30N 6W	SEC. 13 LOTS 1,2,3,4, E/2 W/2	227.26	ORRI: ROYALTY: WORKING INTEREST: EL PASO NATURAL GAS CO MATAGORDA OIL COMPANY GLOBAL NATURAL RESOURCES COR	TRACT: 018	3.500000 12.500000 42.000000 9.240000 32.760000 100.000000	3.500000 12.500000 42.000000 9.240000 32.760000 100.000000	12.437201

EFFECTIVE 86/05/01

RUN DATE 10/27/87
RUN TIME 12:44:42

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

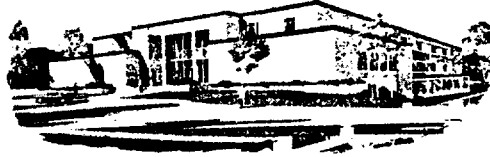
MERIDIAN OIL COMPANY
SCHEDULE 111
R E C A P I T U L A T I O N

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

PAGE 1
FED535AP-A

TOWNSHIP 30N , RANGE 6W	
SECTION 13 : LOTS 1,2,3,4, E/2 W/2	
TOWNSHIP 30N , RANGE 7W	
SECTION 13 : W/2	
SECTION 14 : W/2	
SECTION 14 : E/2	
SECTION 15 : W/2	
SECTION 15 : E/2	
TOTAL COMMITTED:	1,827.26
TOTAL ACRES NON-COMMITTED:	
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:	1,827.26

State of New Mexico



SLO REF NO. OG-628

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

December 7, 1987

El Paso Natural Gas Company
ATTENTION: Mr. James R. Permenter
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 30-6 Unit
Third Amendment
1987 Drilling Program
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your Third Amendment to the 1987 Drilling Program for the San Juan 30-6 Unit Area, Rio Arriba County, New Mexico. Such plan calls for the drilling of the Unit Well Nos. 409, 411, 415, 416, 417 and 418 to test the Fruitland Coal formation.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

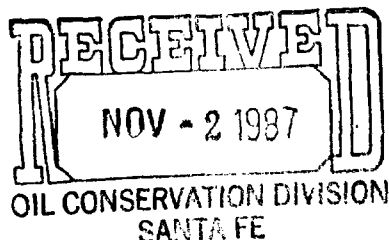
W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico

MERIDIAN OIL



October 28, 1987

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
1987 Drilling Program
Second Amendment
Rio Arriba County, New Mexico

Gentlemen:

The Second Amendment to the 1987 Drilling Program for the San Juan 30-6 Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	10-02-87
Commissioner of Public Lands	10-07-87
Oil Conservation Division	10-06-87

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

A handwritten signature in dark ink, appearing to read "Van L. Goebel", written over a horizontal line.

Van L. Goebel
Landman

VLG:gm
San Juan 30-6 Unit, 3.0
Doc. #0325L

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Global Natural Resources Corp.

T. H. & Nancy L. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

Matagorda Oil Company

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore & Jo Ann Montgomery Moore
Trustees

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Partnership Properties Inc.

FPCO Oil & Gas Co. (Petro-Lewis Corporation)

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as Executor
of Estate of Mabelle McElvain Miller
Nestler, & Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company
c/o Meridian Oil

Tenneco Oil Company

Texaco Producing Inc.

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

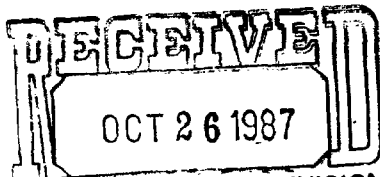
J. Glenn Turner, Jr. & MBank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company



OCT 22 1987

SJ 30-6 (FOD)
3180 (015)

OIL CONSERVATION DIVISION

SANTA FE
El Paso Natural Gas Company
ATTN: James R. Permenter
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of the third amendment to your 1987 Plan of Development for the San Juan 30-6 Unit area, San Juan County, New Mexico are enclosed. Such plan, proposing to drill six additional fruitland coal wells in the unit (Nos. 409, 411, 415, 416, 417, 418) was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure

cc;
NMOC, Santa Fe
Comm. of Pub. Lands, Santa Fe
NM-016
015:RKent:rvh:10/21/87:3581M

ILLEGIBLE

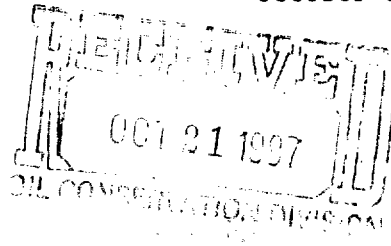
MERIDIAN OIL

October 15, 1987

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501



Re: San Juan 30-6 Unit,
#14-08-001-538
First Amendment -
1987 Drilling Program
Rio Arriba County, New Mexico

Gentlemen:

The First Amendment to the 1987 Drilling Program for the San Juan 30-6 Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	9-21-87
Commissioner of Public Lands	10-07-87
Oil Conservation Division	9-09-87

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

Van L. Goebel
Landman

VLG:gm

Enclosure

San Juan 30-6 Unit, 3.0
Document #0033L

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc. - Election to Midland

James Allison Cozby

Crown Central Petroleum Corporation

Global Natural Resources Corp.

T. H. & Nancy L. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

Matagorda Oil Company

T. H. McElvain, Jr.
T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore & Jo Ann Montgomery Moore
Trustees

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Partnership Properties Inc.

FPCO Oil & Gas Co. (Petro-Lewis Corporation)

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as Executor
of Estate of Mabelle McElvain Miller
Nestler, & Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company
c/o Meridian Oil

Tenneco Oil Company

Texaco Producing Inc.

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

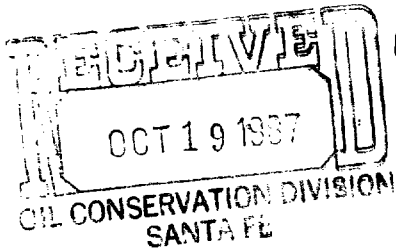
J. Glenn Turner, Jr. & MBank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company



OCT 14 1987

SJ 30-6 (POD)
3160 (OIS)

El Paso Natural Gas Company
ATTN: James R. Permenter
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of the second amendment to your 1987 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill two Fruitland coal wells, the #419 in the E1/2 Section 11, T. 30 N., R. 7 W. and the #420 in the E1/2 Section 12, T. 30 N., R. 7 W., was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 761-4503.

Sincerely,

[Orig. Signed] - Sid Vogelwohl

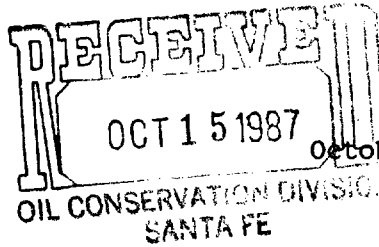
Assistant District Manager
Mineral Resources

Enclosure

cc:
NMOC, Santa Fe
Comm. of Pub. Lands, Santa Fe
NM-016
015:RKent:js:10-13-87:3557M

ILLEGIBLE

El Paso
Natural Gas Company



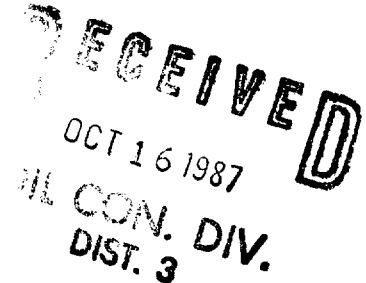
P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

October 13, 1987

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501



RE: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
Third Amendment - 1987 Drilling
Program

Gentlemen:

By letter dated July 9, 1987, El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program for the calendar year 1987.

Subsequent to the submittal of said letter of July 9, 1987, six (6) wells have been proposed to be drilled under the 1987 Drilling Program. The wells proposed to be drilled are as follows:

<u>WELL NO.</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#409	W/2 Section 25, T30N, R7W	Fruitland Coal
#411	E/2 Section 27, T30N, R7W	Fruitland Coal
#415	W/2 Section 26, T30N, R7W	Fruitland Coal
#416	W/2 Section 24, T30N, R7W	Fruitland Coal
#417	E/2 Section 25, T30N, R7W	Fruitland Coal
#418	E/2 Section 26, T30N, R7W	Fruitland Coal

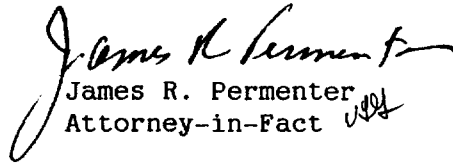
October 13, 1987

All necessary working interest owners have been contacted and advised of the Third Amendment to the Drilling Program in accordance with the Unit Agreement.

If this Third Amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,


James R. Permenter
Attorney-in-Fact

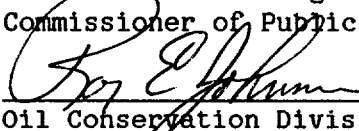
JRP/VLG:gm
Attachments
San Juan 30-6 Unit, 3.0
Document #0251L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

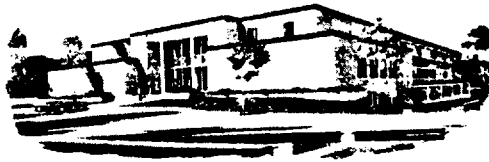
DATED: 10-22-87

The foregoing approvals for the Third Amendment to the 1987 Drilling Program
for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO. OG-477

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 7, 1987

El Paso Natural Gas Company
ATTENTION: Mr. James R. Permenter
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
First and Second Amended
1987 Drilling Program

Gentlemen:

The Commissioner of Public Lands has this date approved your First and Second Amended 1987 Drilling Program for the San Juan 30-6 Unit Area, Rio Arriba County, New Mexico. Such plan calls for the drilling of Well Nos. 404, 419 and 420 to test the Fruitland Coal formation.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *[Signature]*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Phillips Petroleum Company
Amoco Production Company	PWG Partnership
Arco Oil & Gas Company	Mr. James M. Raymond, Ind. & as Executor of Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Mast & Maydell Miller Mast Trusts
Elizabeth Jeanne Turner Calloway	
W. P. Carr, Ind. & as Trustee	Mr. W. H. Sloan
Conoco, Inc. - Election to Midland	Southland Royalty Company c/o Meridian Oil
James Allison Cozby	
Crown Central Petroleum Corporation	Tenneco Oil Company
Global Natural Resources Corp.	Texaco Producing Inc.
T. H. & Nancy L. Harrington	Mr. Frederick Eugene Turner
Catherine Harvey	Mr. J. Glenn Turner, Jr.
Tom Home, Executor of the Estate of Ina Belle Hightower	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (6743)
Mr. Barron Kidd	
Koch Industries	Mr. John Lee Turner
Matagorda Oil Company	Mr. Paul H. Umbach
T. H. McElvain, Jr.	Helen Ulmer Van Atta
T. H. McElvain Oil & Gas Properties	The Wiser Oil Company
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore & Jo Ann Montgomery Moore Trustees	
Mr. Robert Mosbacher	
Northwest Pipeline Corporation	
Partnership Properties Inc.	
FPCO Oil & Gas Co. (Petro-Lewis Corporation)	

September 29, 1987

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501

RE: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
Second Amendment - 1987 Drilling
Program

Gentlemen:

By letter dated July 9, 1987, El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program for the calendar year 1987.

Subsequent to the submittal of said letter of July 9, 1987, two (2) additional wells have been proposed to be drilled under the 1987 Drilling Program. The wells proposed to be drilled are as follows:

<u>WELL NO.</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#419	E/2 Section 11, T30N, R7W	Fruitland Coal
#420	E/2 Section 12, T30N, R7W	Fruitland Coal

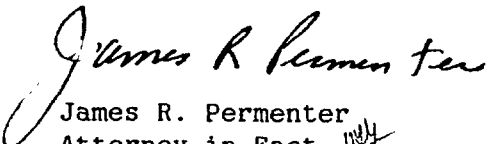
All necessary working interest owners have been contacted and advised of the Second Amendment to the Drilling Program in accordance with the Unit Agreement.

Page 2

If this Second Amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,


James R. Permenter
Attorney-in-Fact *VLG*

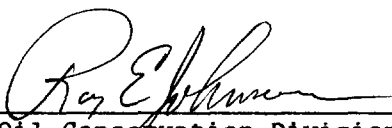
JRP/VLG:gm
Attachments
San Juan 30-6 Unit, 3.0
Document #0251L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 10-6-87

The foregoing approvals for the Second Amendment to the 1987 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Phillips Petroleum Company
Amoco Production Company	PWG Partnership
Arco Oil & Gas Company	Mr. James M. Raymond, Ind. & as Executor of Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Mast & Maydell Miller Mast Trusts
Elizabeth Jeanne Turner Calloway	
W. P. Carr, Ind. & as Trustee	Mr. W. H. Sloan
Conoco, Inc. - Election to Midland	Southland Royalty Company c/o Meridian Oil
James Allison Cozby	Tenneco Oil Company
Crown Central Petroleum Corporation	Texaco Producing Inc.
Global Natural Resources Corp.	Mr. Frederick Eugene Turner
T. H. & Nancy L. Harrington	Mr. J. Glenn Turner, Jr.
Catherine Harvey	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (6743)
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. John Lee Turner
Mr. Barron Kidd	Mr. Paul H. Umbach
Koch Industries	Helen Ulmer Van Atta
Matagorda Oil Company	The Wiser Oil Company
T. H. McElvain, Jr. T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore & Jo Ann Montgomery Moore Trustees	
Mr. Robert Mosbacher	
Northwest Pipeline Corporation	
Partnership Properties Inc.	
FPCO Oil & Gas Co. (Petro-Lewis Corporation)	

SEP 24 1987

San Juan 30-6 (POD)
3180 (015)

SEP 21 1987

El Paso Natural Gas Company
P.O. Box 4289
Farmington, New Mexico 87499

Gentlemen:

Two approved copies of your First Amendment to the 1987 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of well no 404, to be located in the E₂ of Section 23, T. 30 N., R. 7 W., was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelwohl

For District Manager

Enclosure

cc:
✓ NMOCB, Santa Fe
Comm. of Pub. Lands, Santa Fe

NM-016
015:SBryant:ag:9-17-87

El Paso
Natural Gas Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

August 20, 1987

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501

RE: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment - 1987 Drilling
Program

Gentlemen:

By letter dated July 9, 1987, El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program for the calendar year 1987.

Subsequent to the submittal of said letter of July 9, 1987, one (1) well has been proposed to be drilled under the 1987 Drilling Program. The well proposed to be drilled is as follows:

<u>WELL NO.</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#404	E/2 Section 23, T30N, R7W	Fruitland Coal

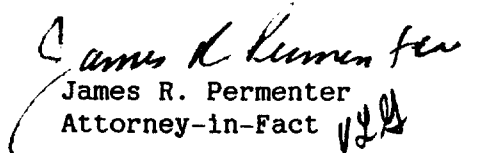
All necessary working interest owners have been contacted and advised of the First Amendment to the Drilling Program in accordance with the Unit Agreement.

If this First Amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

August 20, 1987
Page 2

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,


James R. Permenter
Attorney-in-Fact 

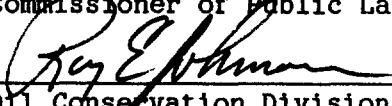
JRP/VLG:cjw
Attachments
San Juan 30-6 Unit, 3.0
Document #0251L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 9-9-87

The foregoing approvals for the First Amendment to the 1987 Drilling Program
for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

MERIDIAN OIL

August 20, 1987

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, NM 87107

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, NM 87501

RE: San Juan 30-6 Unit, #14-08-001-538
1987 Drilling Program
Rio Arriba County, New Mexico

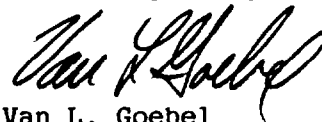
Gentlemen:

The 1987 Drilling Program for the San Juan 30-6 Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	7-30-87
Commissioner of Public Lands	8-17-87
Oil Conservation Division	7-24-87

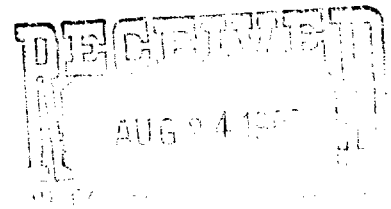
Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,



Van L. Goebel
Landman

VLG:cjw
Enclosure
San Juan 30-6 Unit, 3.0
Document #0033L



SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Phillips Petroleum Company
Amoco Production Company	PWG Partnership
Arco Oil & Gas Company	Mr. James M. Raymond, Ind. & as Executor of Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Mast & Maydell Miller Mast Trusts
Elizabeth Jeanne Turner Calloway	
W. P. Carr, Ind. & as Trustee	Mr. W. H. Sloan
Conoco, Inc.	Southland Royalty Company c/o Meridian Oil
James Allison Cozby	
Crown Central Petroleum Corporation	Tenneco Oil Company
Global Natural Resources Corp.	Texaco Producing Inc.
T. H. & Nancy L. Harrington	Mr. Frederick Eugene Turner
Catherine Harvey	Mr. J. Glenn Turner, Jr.
Tom Home, Executor of the Estate of Ina Belle Hightower	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (6743)
Mr. Barron Kidd	
Koch Industries	Mr. John Lee Turner
Matagorda Oil Company	Mr. Paul H. Umbach
T. H. McElvain, Jr.	Helen Ulmer Van Atta
T. H. McElvain Oil & Gas Properties	The Wiser Oil Company
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore & Jo Ann Montgomery Moore Trustees	
Mr. Robert Mosbacher	
Northwest Pipeline Corporation	
Partnership Properties Inc.	
Petro-Lewis Corporation	

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



SLO REF. NO. OG-341

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

August 17, 1987

El Paso Natural Gas Company
Attention: Land Department
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 30-6 Unit
1987 Plan of Development

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all appropriate agencies.

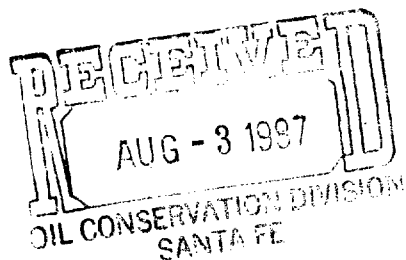
If we may be of further help, please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prado*
FLOYD O. PRANDO, Director
Oil & Gas Division
(505) 827-5744

WRH/FOP/ams
enclosure
cc: Bureau of Land Management
Oil Conservation Division



San Juan 30-6
5186 (015) (POD)

JUL 30 1987

El Paso Natural Gas Company
P.O. Box 4285
Wilmington, DE 87495

Gentlemen:

Four approved copies of your 1987 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of five Fractured Coal Wells (Nos. 407, 408, 412, 413, and 414), is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

Sincerely,

Assistant District Manager
Mineral Resources

enclosure(s)

cc:

WM-016

✓MCCD, Santa Fe

Comm. of Pub. Lands, Santa Fe

015:SBryant:jms:7-29-87:3343M

ILLEGIBLE



P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

July 9, 1987

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letters dated January 13, 1986, and April 2, 1986 the Unit Operator filed the Drilling Programs for the calendar year 1986. These programs provided for the drilling of twenty-eight (28) Mesaverde and seven (7) Fruitland formation wells.

Subsequently the following wells were cancelled from the 1986 Drilling Program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 5A	W/2 Section 35, T30N, R6W	Mesaverde
# 10A	E/2 Section 31, T30N, R7W	Mesaverde
# 12A	W/2 Section 26, T30N, R6W	Mesaverde
# 16A	E/2 Section 26, T30N, R6W	Mesaverde
# 17A	W/2 Section 18, T30N, R6W	Mesaverde
# 30A	E/2 Section 20, T30N, R6W	Mesaverde
# 30R	E/2 Section 20, T30N, R6W	Mesaverde
# 38A	W/2 Section 27, T30N, R7W	Mesaverde
# 44A	W/2 Section 15, T30N, R6W	Mesaverde
# 47A	E/2 Section 32, T30N, R7W	Mesaverde
# 58B	W/2 Section 31, T30N, R6W	Mesaverde
# 64A	E/2 Section 11, T30N, R7W	Mesaverde
# 67A	E/2 Section 12, T30N, R7W	Mesaverde
# 68A	W/2 Section 25, T30N, R6W	Mesaverde
# 69A	E/2 Section 14, T30N, R7W	Mesaverde

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 71A	E/2 Section 13, T30N, R7W	Mesaverde
# 74A	E/2 Section 23, T30N, R7W	Mesaverde
# 75A	W/2 Section 23, T30N, R7W	Mesaverde
# 76A	E/2 Section 24, T30N, R7W	Mesaverde
# 77A	W/2 Section 24, T30N, R7W	Mesaverde
# 79A	W/2 Section 25, T30N, R7W	Mesaverde
# 80A	W/2 Section 17, T30N, R6W	Mesaverde
# 83A	E/2 Section 15, T30N, R7W	Mesaverde
# 85A	W/2 Section 16, T30N, R6W	Mesaverde
# 92A	E/2 Section 33, T30N, R7W	Mesaverde
# 93A	W/2 Section 33, T30N, R7W	Mesaverde
# 96A	E/2 Section 26, T30N, R7W	Mesaverde
# 97A	E/2 Section 27, T30N, R7W	Mesaverde
#403	W/2 Section 25, T30N, R7W	Fruitland Coal
#404	E/2 Section 23, T30N, R7W	Fruitland Coal
#405	W/2 Section 24, T30N, R7W	Fruitland Coal

The San Juan 30-6 Unit #401, SW/4 Section 13, T30N, R7W, #402, SW/4 Section 15, T30N, R7W and #406, NW/4 Section 15, T30N, R7W, Fruitland wells were drilled and are currently being evaluated. The San Juan 30-6 Unit #407 is being carried over to 1987.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Fruitland, Being Evaluated	4
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-commercial	1
Mesaverde, Plugged & Abandoned	7
Pennsylvanian, Plugged & Abandoned	<u>2</u>
	149

July 9, 1987

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement we are submitting, as Unit Operator, the following wells for the 1987 Drilling Program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#407	W/2 Section 14, T30N, R7W	Fruitland Coal
#408	W/2 Section 15, T30N, R7W	Fruitland Coal
#412	E/2 Section 24, T30N, R7W	Fruitland Coal
#413	W/2 Section 23, T30N, R7W	Fruitland Coal
#414	W/2 Section 35, T30N, R7W	Fruitland Coal

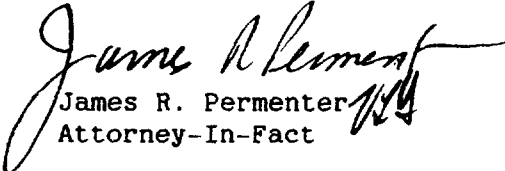
All working interest owners have been contacted and this Drilling Program reflects their desires. The Unit Operator and the working interest owners believe that all current obligations have been satisfied.

We plan to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,


James R. Permenter
Attorney-In-Fact

JRP:VLG:LD:gm
Attachments
San Juan 30-6 Unit, 3.0

Document 0033L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 7-24-87

The foregoing approvals for the 1987 Drilling Program for the
San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Global Natural Resources Corp.

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

T. H. & Nancy L. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

Matagorda Oil Company

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore & Jo Ann Montgomery Moore
Trustees

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Petro-Lewis Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as Executor
of Estate of Mabelle McElvain Miller
Nestler, & Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company
c/o Meridian Oil

Tenneco Oil Company

Texaco Producing Inc.

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. & MBank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

Partnership Properties Inc.

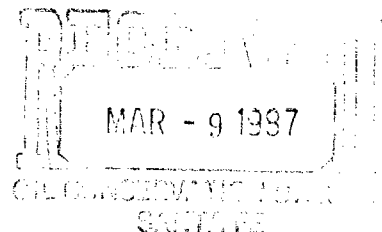
MERIDIAN OIL

March 4, 1987

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501



Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letters dated January 13, 1986, and April 2, 1986 Meridian Oil, on behalf of El Paso Natural Gas Company as Unit Operator, filed the Drilling Programs for the calendar year 1986. These programs provided for the drilling of twenty-eight (28) Mesaverde and seven (7) Fruitland formation wells.

Subsequently the following wells were cancelled from the 1986 Drilling Program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 5A	W/2 Section 35, T30N, R6W	Mesaverde
# 10A	E/2 Section 31, T30N, R7W	Mesaverde
# 12A	W/2 Section 26, T30N, R6W	Mesaverde
# 16A	E/2 Section 26, T30N, R6W	Mesaverde
# 17A	W/2 Section 18, T30N, R6W	Mesaverde
# 30A	E/2 Section 20, T30N, R6W	Mesaverde
# 30R	E/2 Section 20, T30N, R6W	Mesaverde
# 38A	W/2 Section 27, T30N, R7W	Mesaverde
# 44A	W/2 Section 15, T30N, R6W	Mesaverde
# 47A	E/2 Section 32, T30N, R7W	Mesaverde
# 58B	W/2 Section 31, T30N, R6W	Mesaverde
# 64A	E/2 Section 11, T30N, R7W	Mesaverde
# 67A	E/2 Section 12, T30N, R7W	Mesaverde
# 68A	W/2 Section 25, T30N, R6W	Mesaverde
# 69A	E/2 Section 14, T30N, R7W	Mesaverde

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 71A	E/2 Section 13, T30N, R7W	Mesaverde
# 74A	E/2 Section 23, T30N, R7W	Mesaverde
# 75A	W/2 Section 23, T30N, R7W	Mesaverde
# 76A	E/2 Section 24, T30N, R7W	Mesaverde
# 77A	W/2 Section 24, T30N, R7W	Mesaverde
# 79A	W/2 Section 25, T30N, R7W	Mesaverde
# 80A	W/2 Section 17, T30N, R6W	Mesaverde
# 83A	E/2 Section 15, T30N, R7W	Mesaverde
# 85A	W/2 Section 16, T30N, R6W	Mesaverde
# 92A	E/2 Section 33, T30N, R7W	Mesaverde
# 93A	W/2 Section 33, T30N, R7W	Mesaverde
# 96A	E/2 Section 26, T30N, R7W	Mesaverde
# 97A	E/2 Section 27, T30N, R7W	Mesaverde
#403	W/2 Section 25, T30N, R7W	Fruitland Coal
#404	E/2 Section 23, T30N, R7W	Fruitland Coal
#405	W/2 Section 24, T30N, R7W	Fruitland Coal

The San Juan 30-6 Unit #401, SW/4 Section 13, T30N, R7W, #402, SW/4 Section 15, T30N, R7W and #406, NW/4 Section 15, T30N, R7W, Fruitland wells were drilled and are currently being evaluated. The San Juan 30-6 Unit #407 is being carried over to 1987.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Fruitland, Being Evaluated	4
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-commercial	1
Mesaverde, Plugged & Abandoned	7
Pennsylvanian, Plugged & Abandoned	2
	<u>149</u>

March 2, 1987

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement Meridian Oil as Unit Operator, is submitting the following wells for the 1987 Drilling Program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#407	W/2 Section 14, T30N, R7W	Fruitland Coal
#408	W/2 Section 15, T30N, R7W	Fruitland Coal

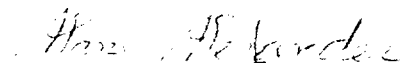
All working interest owners have been contacted and this Drilling Program reflects their desires. Meridian Oil Inc., as Unit Operator and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc. as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Meridian Oil Inc. to the attention of the undersigned at the letterhead address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



Alan Alexander
District Land Manager *AA*

AA:VLG:LD:gm
Attachments
San Juan 30-6 Unit, 3.0

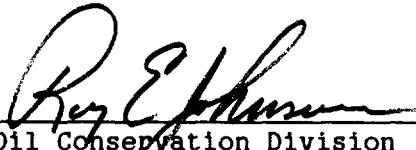
Document 0356L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

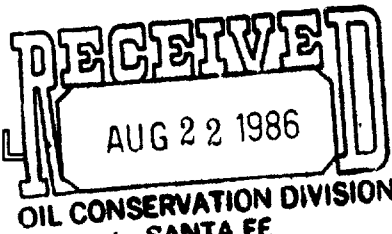
DATED: 3-9-87

The foregoing approvals for the 1987 Drilling Program for the
San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Phillips Petroleum Company
Amoco Production Company	PWG Partnership
Arco Oil & Gas Company	Mr. James M. Raymond, Ind. & as Executor of Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Mast & Maydell Miller Mast Trusts
Cambridge Royalty Company	
Elizabeth Jeanne Turner Calloway	Mr. W. H. Sloan
W. P. Carr, Ind. & as Trustee	Southland Royalty Company c/o Meridian Oil
Conoco, Inc.	Tenneco Oil Company
James Allison Cozby	Texaco Producing Inc.
Crown Central Petroleum Corporation	Mr. Frederick Eugene Turner
T. H. & Nancy L. Harrington	Mr. J. Glenn Turner, Jr.
Catherine Harvey	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (6743)
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. John Lee Turner
Mr. Barron Kidd	Mr. Paul H. Umbach
Koch Industries	Helen Ulmer Van Atta
Matagorda Oil Company	The Wiser Oil Company
T. H. McElvain, Jr. T. H. McElvain Oil & Gas Properties	
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	
Northwest Pipeline Corporation	
Petro-Lewis Corporation	

MERIDIAN OIL



August 19, 1986

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano Road, N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Attention: Mr. David Catanach
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

By Conveyance dated July 16, 1986, El Paso Natural Gas Company conveyed all of its rights in various leases, lands and wells to El Paso Production Company. Included in these properties were all of Gas Company's rights in the referenced Unit.

Meridian Oil Inc. is in the process of replacing El Paso Natural Gas Company as operator of the wells and units (including the San Juan 30-6 Unit) transferred by the Conveyance of July 16, 1986, and will operate these properties on behalf of El Paso Production Company.

El Paso Natural Gas Company and Meridian Oil Inc. are wholly owned subsidiaries of Burlington Northern, Inc., and El Paso Production Company is a wholly owned subsidiary of El Paso Natural Gas Company.

All correspondence pertaining to the referenced unit should be directed to the same individuals at the same addresses as in the past. If you have any questions or comments concerning this matter, or this letter, please contact the undersigned.

Copies of this letter are being sent to the working interest owners of the above referenced unit.

Yours very truly,

Alan Alexander
District Land Manager

AA/tlm
San Juan 30-6 Unit, 5.0
Doc. #0794L

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Phillips Petroleum Company
Amoco Production Company	PWG Partnership
Arco Oil & Gas Company	Mr. James M. Raymond, Ind. & as Executor of Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Mast & Maydell Miller Mast Trusts
Cambridge Royalty Company	
Elizabeth Jeanne Turner Calloway	Mr. W. H. Sloan
W. P. Carr, Ind. & as Trustee	Southland Royalty Company c/o Meridian Oil
Conoco, Inc.	Tenneco Oil Company
James Allison Cozby	Texaco Producing Inc.
Crown Central Petroleum Corporation	Mr. J. Glenn Turner, Jr.
T. H. & Nancy L. Harrington	Mr. Frederick Eugene Turner
Catherine Harvey	Mr. John Lee Turner
Tom Home, Executor of the Estate of Ina Belle Hightower	J. Glenn Turner, Jr. & MBank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (6743)
Mr. Barron Kidd	Mr. Paul H. Umbach
Koch Industries	Helen Ulmer Van Atta
T. H. McElvain, Jr.	The Wiser Oil Company
T. H. McElvain Oil & Gas Properties	Matagorda Oil Co.
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	
Petro-Lewis Corporation	
Northwest Pipeline Corporation	

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

San Juan 30-6
Unit POD
3180 (015)

APR 15 1986

Meridian Oil, Inc.
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of your first amendment to the 1986 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing five Fruitland Coal wells, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

For District Manager

Enclosure(s)

cc:
Micrographics 943B-1
Fluids Section FRAH
✓ NMOCB, Santa Fe
Comm. of Pub. Lands, Santa Fe
O&G Chron

015:SBryant:klm:4-14-86:1742M

APPROVED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

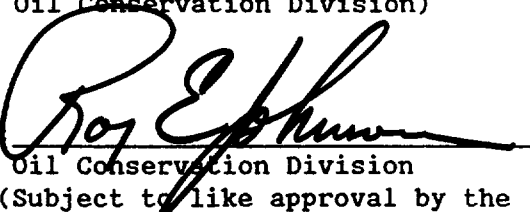
DATED: _____

APPROVED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED: _____


Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 4-10-86

The foregoing approvals for the First Amendment to the 1986 Drilling Program
for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

April 1, 1986

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Mexican Oil, Inc.
Attn: Alan Alexander
P.O. Box 4229
Farmington, New Mexico 84799

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1st Amendment to 1986 Drilling Program

Dear Sir:

The Commissioner of Public Lands has this date approved your 1st amendment to the 1986 Drilling Program for the San Juan 30-6 Unit Area, Rio Arriba County, New Mexico. Such amended program is for the drilling of the unit well Nos. 403, 404, 405, 406 and 407 to test the Fruitland Coal formation.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prado*
FLOYD O. PRADO, Director
Oil and Gas Division
(505) 827-5744

JB/FOF, sm

encs

cc: OCD-Santa Fe, New Mexico

BLM-Albuquerque, New Mexico Attn: Fluids Branch

#493

MERIDIAN OIL

April 2, 1986

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment--1986 Drilling Program

Gentlemen:

By letter dated January 13, 1986, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator for the San Juan 30-6 Unit, filed a Drilling Program for the calendar year 1986.

Subsequent to the submittal of said letter of January 13, 1986, five (5) wells have been proposed to be drilled under the 1986 Drilling Program. The wells proposed to be drilled are as follows:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#403	W/2 Section 23, T30N, R7W	Fruitland Coal
#404	E/2 Section 23, T30N, R7W	Fruitland Coal
#405	W/2 Section 24, T30N, R7W	Fruitland Coal
#406	W/2 Section 15, T30N, R7W	Fruitland Coal
#407	W/2 Section 14, T30N, R7W	Fruitland Coal

All necessary working interest owners have been contacted and advised of the First Amendment to the Drilling Program in accordance with the Unit Agreement.

If this First Amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

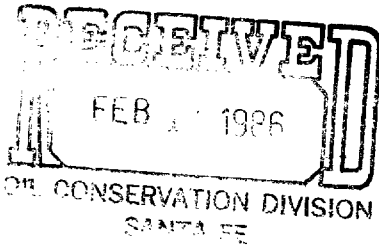
Yours very truly,

Alan Alexander

Alan Alexander
District Land Manager

AA:VLG:tlm
Attachments
San Juan 30-6 Unit, 3.0
Document 0356L

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251



SJ 30-6
Unit POD
3180 (015)

FEB 06 1986

El Paso Natural Gas
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

One approved copy of your 1986 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, is enclosed. Such plan, filed on your behalf by Meridian Oil, proposing the drilling of 28 Mesaverde wells and 2 Fruitland wells, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

For District Manager

Enclosure(s)

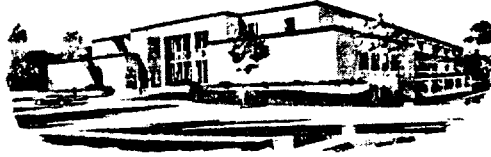
cc:
✓ NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
O&G Chron

015:GKeller:klm:2-5-86:1486M

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham	Mr. James M. Raymond, Ind. & as
Amoco Production Company	Attorney-in-Fact for Mabelle McElvain
Arco Oil & Gas Company	Miller, Trustee for Corinne Miller Gay
Cambridge Royalty Company	Mast & Maydell Miller Mast Trusts
Elizabeth Jeanne Turner Calloway	Mr. W. H. Sloan
W. P. Carr, Ind. & as Trustee	Southland Royalty Company
Conoco, Inc.	Tenneco Oil Company
James Allison Cozby	Mr. J. Glenn Turner, Jr.
Crown Central Petroleum Corporation	Mr. Frederick Eugene Turner
Texaco Producing Inc.	Mr. John Lee Turner
T. H. & Nancy L. Harrington	J. Glenn Turner, Jr. & Mercantile
Catherine Harvey	National Bank at Dallas, Texas, as
Tom Home, Executor of the	Trustees under a Trust Agreement
Estate of Ina Belle Hightower	created for the benefit of Mary
Mr. Barron Kidd	Frances Turner, Jr. (3095)
Koch Industries	Mr. Paul H. Umbach
T. H. McElvain, Jr.	Helen Ulmer Van Atta
T. H. McElvain Oil & Gas Properties	The Wiser Oil Company
Mesa Petroleum Company	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	
Petro-Lewis Corporation	
Northwest Pipeline Corporation	
Phillips Petroleum Company	
PWG Partnership	

State of New Mexico



Commissioner of Public Lands

January 22, 1986

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
910 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1986 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Drilling Program for the San Juan 30-6 Unit Area, Rio Arriba County, New Mexico. Such drilling program proposes to drill 28 wells to test the Mesaverde formation and 2 wells to test the Fruitland formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

MERIDIAN OIL

January 13, 1986

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1986 Drilling Program

Gentlemen:

By letters dated July 26, 1985, and September 26, 1985, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, filed the Drilling Programs for the calendar year 1985. These programs provided for the drilling of the #400 well, located in W/2 Section 14, T30N, R7W, which is currently being evaluated.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Fruitland, Being Evaluated	1
Pictured Cliffs, Plugged & Abandoned	1
Pictured Cliffs/Mesaverde, Commercial	1
Mesaverde, Commercial	133
Mesaverde/Dakota, Dakota, Non-commercial	1
Mesaverde, Plugged & Abandoned	7
Pennsylvanian, Being Evaluated	1
Pennsylvanian, Plugged & Abandoned	<u>1</u>
	146

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, is submitting the following wells for the 1986 Drilling Program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 5A	W/2 Section 35, T30N, R6W	Mesaverde
# 10A	E/2 Section 31, T30N, R7W	Mesaverde
# 12A	W/2 Section 26, T30N, R6W	Mesaverde
# 16A	E/2 Section 26, T30N, R6W	Mesaverde
# 17A	W/2 Section 18, T30N, R6W	Mesaverde
# 30A	E/2 Section 20, T30N, R6W	Mesaverde
# 30R	E/2 Section 20, T30N, R6W	Mesaverde
# 38A	W/2 Section 27, T30N, R7W	Mesaverde
# 44A	W/2 Section 15, T30N, R6W	Mesaverde
# 47A	E/2 Section 32, T30N, R7W	Mesaverde
# 58B	W/2 Section 31, T30N, R6W	Mesaverde
# 64A	E/2 Section 11, T30N, R7W	Mesaverde
# 67A	E/2 Section 12, T30N, R7W	Mesaverde
# 68A	W/2 Section 25, T30N, R6W	Mesaverde
# 69A	E/2 Section 14, T30N, R7W	Mesaverde
# 71A	E/2 Section 13, T30N, R7W	Mesaverde
# 74A	E/2 Section 23, T30N, R7W	Mesaverde
# 75A	W/2 Section 23, T30N, R7W	Mesaverde
# 76A	E/2 Section 24, T30N, R7W	Mesaverde
# 77A	W/2 Section 24, T30N, R7W	Mesaverde
# 79A	W/2 Section 25, T30N, R7W	Mesaverde
# 80A	W/2 Section 17, T30N, R6W	Mesaverde
# 83A	E/2 Section 15, T30N, R7W	Mesaverde
# 85A	W/2 Section 16, T30N, R6W	Mesaverde
# 92A	E/2 Section 33, T30N, R7W	Mesaverde
# 93A	W/2 Section 33, T30N, R7W	Mesaverde
# 96A	E/2 Section 26, T30N, R7W	Mesaverde
# 97A	E/2 Section 27, T30N, R7W	Mesaverde
#401	W/2 Section 13, T30N, R7W	Fruitland
#402	W/2 Section 15, T30N, R7W	Fruitland

All working interest owners have been contacted and this Drilling Program reflects their desires. Meridian Oil Inc. on behalf of El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Meridian Oil Inc. to the attention of the undersigned at the letterhead address.

Regulatory Agencies

-3-

January 13, 1986

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,


Alan Alexander
District Land Manager *VLG*

AA:VLG:ld:tlm

Attachments

San Juan 30-6 Unit, 3.0

Document 0356L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 1-26-86

The foregoing approvals for the 1986 Drilling Program for the
San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Cambridge Royalty Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Texaco Producing Inc.

T. H. & Nancy L. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as
Attorney-in-Fact for Mabelle McElvain
Miller, Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

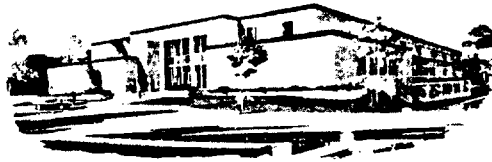
J. Glenn Turner, Jr. & Mercantile
National Bank at Dallas, Texas, as
Trustees under a Trust Agreement
created for the benefit of Mary
Frances Turner, Jr. (3095)

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

October 9, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Meridian Oil
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
First Amendment
1985 Drilling Program

Attention: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to your 1985 Drilling Program for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico. Such amended plan proposes to drill the Unit Well No. 400 in Sec. 14-30N-7W, to test the Fruitland Coal formation. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
Blm-Roswell, New Mexico Attn: Mr. Armando Lopez

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

SJ 30-6 Unit
Unit POD
3100 (015)

OCT 04 1985

El Paso Natural Gas Company
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two ~~approved copies~~ of your amended 1985 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill the SJ 30-6 well No. 400, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Gary Stephens at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

For District Manager

Enclosure(s)

cc:

✓ NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
O&G Chron

015:RBartel:klm:10-2-85:1151M



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

October 3, 1985

50 YEARS



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Meridian Oil
P. O. Box 4289
Farmington, New Mexico 87499

Attention: Van L. Goebel

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment
1985 Drilling Program

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON,
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

#493

MERIDIAN OIL

October 1, 1985

Bureau of Land Management
South Central Region
Attention: Mr. Gary A. Stephens
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment
1985 Drilling Program

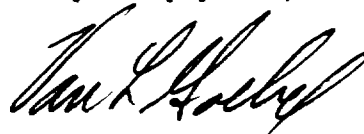
Gentlemen:

By letter dated September 26, 1985 the 1985 Drilling Program was amended to provide for the drilling of a Fruitland Coal test. This well will be located within an endangered species area. We have received approval from the Fish and Wildlife Departments, provided we complete all work before January 1, 1986.

Due to the short time frame we have to work in, Meridian Oil as agent for El Paso Natural Gas Company, respectfully requests that the First Amendment to the 1985 Drilling Program be approved as soon as possible. If it is felt approval cannot be given by October 22, 1985 please advise so that we may cancel this project.

If I can be of further assistance, please advise.

Very truly yours,



Van L. Goebel
Landman

VLG:gm
San Juan 30-6 Unit, 3.0

Document 0117L

MERIDIAN OIL

September 26, 1985

Bureau of Land Management ---- FEDERAL EXPRESS
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment
1985 Drilling Program

Gentlemen:

By letter dated July 26, 1985 El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a no well Drilling Program for the calendar year 1985.

Subsequent to the submittal of said letter of July 26, 1985 one well has been proposed to be drilled under the 1985 Drilling Program. The well proposed to be drilled is as follows:

<u>WELL NUMBER</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#400	W/2 Section 14, T30N, R7W	Fruitland Coal

All necessary working interest owners have been contacted and advised of the First Amendment to the Drilling Program in accordance with the Unit Agreement.

If the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Alan Alexander
Alan Alexander
District Land Manager

AA:VLG:gm
enclosures

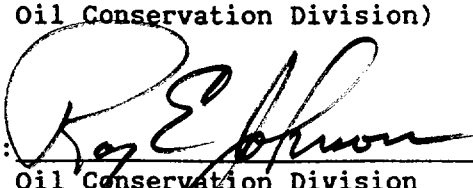
San Juan 30-6 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 10-7-85

The foregoing approvals for the First Amendment to 1985 Drilling Program for the
San Juan 30-6 Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Cambridge Royalty Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Texaco Producing Inc.

T. H. & Nancy L. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as
Attorney-in-Fact for Mabelle McElvain
Miller, Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

J. Glenn Turner, Jr. & Mercantile
National Bank at Dallas, Texas, as
Trustees under a Trust Agreement
created for the benefit of Mary
Frances Turner, Jr. (3095)

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

MERIDIAN OIL

August 15, 1985

Bureau of Land Management
Attention: Mr. Robert Kent
Post Office Box 6770
Albuquerque, New Mexico 87197-6770

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
Initial Participating Area
Pictured Cliffs Formation
Effective December 17, 1983

Gentlemen:

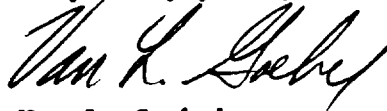
In response to your letter dated August 7, 1985, please be advised that we are in agreement with you concerning the effective date for the referenced participating area.

I have located and read Form C-105 filed with the New Mexico Oil Conservation Division. The date of first production was December 17, 1983. In compliance with the terms of the Unit Agreement (Initial participating area effective as of the date of first production) please find enclosed the following:

1. The letter and schedule returned with your letter dated August 7, 1985, wherein the effective date has been changed to December 17, 1983.

Copies of this letter along with the enclosures are being sent to the San Juan 30-6 unit working interest owners.

Very truly yours,



Van L. Goebel
Landman

VLG:gm
enclosures
San Juan 30-6 Unit, 4.1
Document 0404L

State of New Mexico



Commissioner of Public Lands

JIM BACA
COMMISSIONER

August 14, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
Initial Expanded Participating Area
Pictured Cliffs Formation
Effective August 7, 1985

ATTENTION: Mr. Van L. Goebel

Gentlemen:

This will acknowledge receipt of your letter dated July 2, 1985 which describes the Initial Participating Area for the Pictured Cliffs Formation, San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Initial Participating Area is described as Lots 1,2,3,4, W $\frac{1}{2}$ E $\frac{1}{2}$ of Section 36-30N-6W, containing 230.24 acres and is predicated upon the commercial completion of the Unit Well No. 89 A. The Bureau of Land Management has advised this office that the effective date is December 17, 1983.

Inasmuch as this needs no official approval the Commissioner of Public Lands accepts these instruments for record purposes.

Enclosed is one copy reflecting the date received in this office.

Very truly yours,

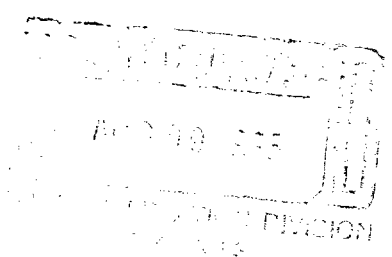
JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:

Ray D. Graham
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
OGAD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez



Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

San Juan 30-6 Unit

AUG 07 1985

Mr. Fane Exploration Company
Attn: Mr. L. Geller
P.O. Box 4289
Farmington, NM 87409-4289

Gentlemen:

Enclosed is a copy of your application for initial participating area,
Fleuvet Cliffs Formation, San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The Initial Participating Area is the E. 1/4, Lots 1, 2, 3, 4, & 5, Section 36,
T. 30 N., R. 6 W., NPM, containing 230.24 acres. The initial participating
area is based on the completion of the San Juan 30-6 unit well No. 19A.
This application is accepted for record purposes. Section 16 (b) of the
unit agreement specifies that for Mesaverde and shallower formations, the
initial participating area will be effective as of the date of first
production. The date listed on the Form G-105 filed with the New Mexico
Conservation Division is December 17, 1983. Therefore, according to the
terms of the unit agreement, the effective date of the initial participating
area will be December 17, 1983 and not February 1, 1984 as stated in your
application. Please submit four copies of any future well reports.

If you have any questions, please contact Robert Kent at the above address
or telephone (505) 765-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

For District Manager

Enclosure

cc:

Microphotics

✓ 1000

Comm. of Public Lands

Field-Records Section

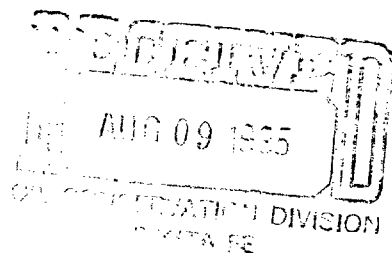
File: 30 30-6 P.O. P.A.

OK: enron

625-9200/11.6-7-85:10:00

San Juan 30-6 Unit

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770



AUG 07 1985

El Paso Exploration Company
ATTN: Van L. Goebel
P.O. Box 4289
Farmington, NM 87499-4289

Gentlemen:

Enclosed is a copy of your application for the initial participating area, Pictured Cliffs Formation, San Juan 30-6 Unit, Rio Arriba County, New Mexico.

The initial Participating Area is the E. (Lots 1, 2, 3, 4, WEP) section 30, T. 30 N., R. 6 W., NMPN, containing 230.24 acres. The initial participating area is based on the completion of the San Juan 30-6 unit well No. 59A. This application is accepted for record purposes. Section 11 (a) of the unit agreement specifies that for Mesaverde and shallower formations, the initial participating area will be effective as of the date of first production. The date listed on the Form G-105 filed with the New Mexico Oil Conservation Division is December 17, 1983. Therefore, according to the terms of the unit agreement, the effective date of the initial participating area will be December 17, 1983 and not February 1, 1984 as stated in your application. Please submit four copies of any future unit actions.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

For District Manager

Enclosure

cc:

Micrographics

✓ MPOD

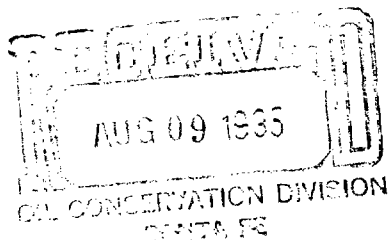
Comm. of Public Lands

FRAS-Fluids Section

File: SJ 30-6 P.C. P.A.

OAG enron

015:2Kent:11m:8-7-85:1016H



Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

SJ 30-6 Unit
3100 (015)

AUG 07 1985

El Paso Natural Gas Company
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

An approved copy of your 1985 Plan of Development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico is enclosed. Such plan, filed on your behalf by Meridian Oil, proposing no drilling during 1985, was approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Ron Bartel at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

For District Manager

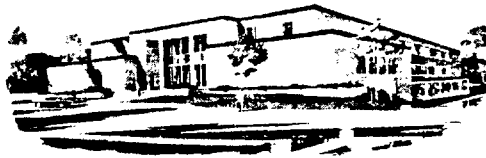
Enclosure(s)

cc:

✓ NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
File: San Juan 30-6 Unit POD
O&G Chron

015:RBartel:klm:8-7-85:1019M

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

August 1, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan ~~30-6~~ Unit
Rio Arriba County, New Mexico
1985 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Drilling Program for the San Juan 30-6 Unit Area, Rio Arriba County, New Mexico. Such program provides for the drilling of no wells during the calendar year of 1985.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed are approved copies for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

MERIDIAN OIL

July 26, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1985 Drilling Program

Gentlemen:

By letters dated March 14, 1984 and July 30, 1984, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1984.

As of this date, the total number of active wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs	1
Pictured Cliffs, Plugged & and Abandoned	1
Mesaverde, Commercial	139
Mesaverde, Plugged & Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota Dual (DK Non-commercial)	1
Pennsylvanian	<u>1</u>
	150

July 26, 1985

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year of 1985.

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,


Alan Alexander
District Land Manager 

VLG:gm
Attachments
San Juan 30-6 Unit, 3.0
Doc. #0117L

APPROVED: _____

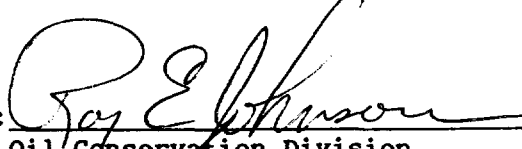
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 7-31-85

The foregoing approvals for the 1985 Drilling Program for the
San Juan 30-6 Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT

MESAVERDE PARTICIPATING AREA WORKING INTEREST OWNERS

Arco Oil & Gas Company

James Allison Cozby

Cambridge Royalty Company

W.P. Carr, Individually and as Trustee

Crown Central Petroleum Corporation

Mr. Thomas H. Harrington

T.H. McElvain Oil & Gas Properties

**Mesa Petroleum Co.
Amarillo, Texas**

Mr. Robert Mosbacher

Northwest Pipeline Corp.

Matagorda Oil Company

PWG Partnership

**Mr. James M. Raymond, Individually
and as Attorney-in-Fact for Mabel
McElvain Miller, Trustee for Corinne
Miller Gay Mast Trust and Trustee
for Maydell Miller Mast Trust**

Southland Royalty Company

The Wiser Oil Company

15 JUL 5 A 9: 27

July 2, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
INITIAL EXPANDED PARTICIPATING AREA,
PICTURED CLIFFS FORMATION
Effective December 17, 1983

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and that the Initial Participating Area for the Pictured Cliffs Formation is expanded accordingly as follows:

INITIAL EXPANDED PARTICIPATING AREA - EFFECTIVE December 17, 1983

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well No.</u>
E/2 Section 36, 30N-6W	230.24	#89 A

The #89 A well was originally drilled as a Mesaverde infill which is located within the Mesaverde Participating Area. Later the well was re-entered and recompleted as a dual in the Pictured Cliffs Formation. The lands described above are proven productive by the following:

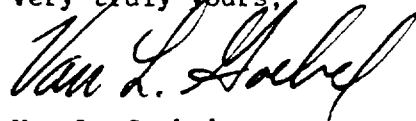
The San Juan 30-6 Unit #89 A well was completed on January 18, 1984. The Pictured Cliffs Formation was tested on January 18, 1984, with an after frac gauge of 461 MCF/D. The spacing unit for this well is described as the E/2 of Section 36, T30N, R6W, N.M.P.M., containing 230.24 acres.

July 2, 1985

Attached is Schedule I showing the Initial Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 30-6 Unit Area. This describes the Initial Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, this Initial Expanded Participating Area will become effective as of December 17, 1983.

Copies of this letter and schedule are being sent to the working interest owners shown on the attached sheet.

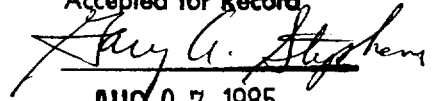
Very truly yours,



Van L. Goebel
Landman

VLG/tlm
Enclosures
San Juan 30-6 Unit, 4.1
Doc. #0404L

Accepted for Record



AUG 07 1985

Assistant District Manager
for Minerals
Albuquerque District

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Cambridge Royalty Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Texaco Producing Inc.

T. H. & Nancy L. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as
Attorney-in-Fact for Mabelle McElvain
Miller, Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

J. Glenn Turner, Jr. & Mercantile
National Bank at Dallas, Texas, as
Trustees under a Trust Agreement
created for the benefit of Mary
Frances Turner, Jr. (3095)

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

Matagorda Oil Company

SCHEDULE I
 INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
 SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
-347-20	T-30-N, R-6-W	230.24	Royalty:	12.500%	12.500%	100.000000%
	Sec. 36: Lots 1, 2, 3, 4,		Working Interest:	65.625%	65.625%	
	W/2 E/2		El Paso Natural Gas Company	21.875%	21.875%	
			ORRI			
			Total	100.000%	100.000%	

Tract 39

Effective December 17, 1983

SCHEDULE I
INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 6 West, N.M.P.M.
Section 36:

E/2

Total number of acres in participating area: 230.24
Total number of acres committed to participating area: 230.24

Effective December 17, 1983

July 2, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
INITIAL EXPANDED PARTICIPATING AREA,
PICTURED CLIFFS FORMATION
Effective February 1, 1984

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and that the Initial Participating Area for the Pictured Cliffs Formation is expanded accordingly as follows:

INITIAL EXPANDED PARTICIPATING AREA - EFFECTIVE FEBRUARY 1, 1984

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well No.</u>
E/2 Section 36, 30N-6W	230.24	#89 A

The #89 A well was originally drilled as a Mesaverde infill which is located within the Mesaverde Participating Area. Later the well was re-entered and recompleted as a dual in the Pictured Cliffs Formation. The lands described above are proven productive by the following:

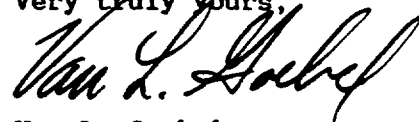
The San Juan 30-6 Unit #89 A well was completed on January 18, 1984. The Pictured Cliffs Formation was tested on January 18, 1984, with an after frac gauge of 461 MCF/D. The spacing unit for this well is described as the E/2 of Section 36, T30N, R6W, N.M.P.M., containing 230.24 acres.

July 2, 1985

Attached is Schedule I showing the Initial Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 30-6 Unit Area. This describes the Initial Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, this Initial Expanded Participating Area will become effective as of February 1, 1984.

Copies of this letter and schedule are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in black ink, appearing to read "Van L. Goebel", written in a cursive style.

Van L. Goebel
Landman

VLG/tlm
Enclosures
San Juan 30-6 Unit, 4.1
Doc. #0404L

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Cambridge Royalty Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Texaco Producing Inc.

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as
Attorney-in-Fact for Mabelle McElvain
Miller, Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

J. Glenn Turner, Jr. & Mercantile
National Bank at Dallas, Texas, as
Trustees under a Trust Agreement
created for the benefit of Mary
Frances Turner, Jr. (3095)

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

SCHEDULE I
INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
E-347-20	T-30-N, R-6-W Sec. 36: Lots 1, 2, 3, 4, W/2 E/2	230.24	Royalty: Working Interest: El Paso Natural Gas Company ORRI	12.500%	12.500%	100.000000%
	Total			65.625% 21.875% 100.000%	65.625% 21.875% 100.000%	

Tract 39

Effective February 1, 1984

SCHEDULE I
INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 6 West, N.M.P.M.
Section 36:

E/2

Total number of acres in participating area:

230.24

Total number of acres committed to participating area:

230.24

Effective February 1, 1984

July 2, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
INITIAL EXPANDED PARTICIPATING AREA,
PICTURED CLIFFS FORMATION
Effective February 1, 1984

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and that the Initial Participating Area for the Pictured Cliffs Formation is expanded accordingly as follows:

INITIAL EXPANDED PARTICIPATING AREA - EFFECTIVE FEBRUARY 1, 1984

<u>Drilling Block</u>	<u>Net Acres</u>	<u>Well No.</u>
E/2 Section 36, 30N-6W	230.24	#89 A

The #89 A well was originally drilled as a Mesaverde infill which is located within the Mesaverde Participating Area. Later the well was re-entered and recompleted as a dual in the Pictured Cliffs Formation. The lands described above are proven productive by the following:

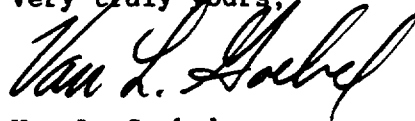
The San Juan 30-6 Unit #89 A well was completed on January 18, 1984. The Pictured Cliffs Formation was tested on January 18, 1984, with an after frac gauge of 461 MCF/D. The spacing unit for this well is described as the E/2 of Section 36, T30N, R6W, N.M.P.M., containing 230.24 acres.

July 2, 1985

Attached is Schedule I showing the Initial Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 30-6 Unit Area. This describes the Initial Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, this Initial Expanded Participating Area will become effective as of February 1, 1984.

Copies of this letter and schedule are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Van L. Goebel
Landman

VLG/tlm
Enclosures
San Juan 30-6 Unit, 4.1
Doc. #0404L

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Cambridge Royalty Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Texaco Producing Inc.

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as
Attorney-in-Fact for Mabelle McElvain
Miller, Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

J. Glenn Turner, Jr. & Mercantile
National Bank at Dallas, Texas, as
Trustees under a Trust Agreement
created for the benefit of Mary
Frances Turner, Jr. (3095)

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

SCHEDULE I
INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
E-347-20	T-30-N, R-6-W	230.24	Royalty:	12.500%	12.500%	100.000000
	Sec. 36: Lots 1, 2, 3, 4,		Working Interest:	65.625%	65.625%	
	W/2 E/2		El Paso Natural Gas Company	21.875%	21.875%	
			ORRI	100.000%	100.000%	
	Total					

Tract 39

Effective February 1, 1984

UNIT AREA EXPANSION SCHEDULE -- SAN JUAN BASIN

Form 21-71 (2-72)

SCHEDULE I
INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 6 West, N.M.P.M.
Section 36:

E/2

Total number of acres in participating area:

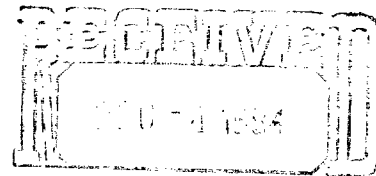
230.24

Total number of acres committed to participating area:

230.24

Effective February 1, 1984

El Paso
Exploration Company



P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499 4289
PHONE: 505-325-2841

OIL CONSERVATION DIVISION
SANTA FE

November 29, 1984

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1984 Drilling Program

Gentlemen:

Our First Amendment to the 1984 Drilling Program for the San Juan 30-6 Unit was submitted to you by our letter of October 15, 1984. In said letter we advised that the San Juan 30-6 Unit #22 well was to be drilled in the E/2 of Section 9, T-30-N, R-6-W. Subsequent to the submittal of the First Amendment the dedication has been changed from the E/2 to the N/2 of Section 9, T-30-N, R-6-W.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel
Senior Landman

VLG/gm
San Juan 30-6 Unit, 3.0

SAN JUAN 30-6 UNIT WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Arco Oil & Gas Company

Cambridge Royalty Company

Elizabeth Jeanne Turner Calloway

W. P. Carr, Ind. & as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Getty Oil Company

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries

T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Properties

Mesa Petroleum Company

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Ind. & as
Attorney-in-Fact for Mabelle McElvain
Miller, Trustee for Corinne Miller Gay
Mast & Maydell Miller Mast Trusts

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

J. Glenn Turner, Jr. & Mercantile
National Bank at Dallas, Texas, as
Trustees under a Trust Agreement
created for the benefit of Mary
Frances Turner, Jr. (3095)

Mr. Paul H. Umbach

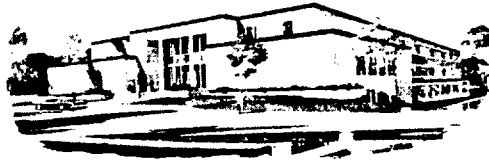
Helen Ulmer Van Atta

The Wiser Oil Company

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

October 29, 1984

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: Revised 1984 Plan of Development
1st Amendment to 1984 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your Revised 1984 Plan of Development for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such plan proposes to drill the well nos. 113 and 112Y. This office has also approved your First Amendment to the 1984 Drilling Program dated October 15, 1984. Such plan proposes to drill the Unit Well No. 22 to test the Dakota formation. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Enclosed are approved copies for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico



United States Department of the Interior

IN REPLY REFER TO:
SJ 30-6 Unit (015)

BUREAU OF LAND MANAGEMENT ALBUQUERQUE DISTRICT OFFICE

505 Marquette, N.W.

P.O. Box 6770

Albuquerque, New Mexico 87197-6770

OCT 19 1984

El Paso Natural Gas Company
Attention: Van L. Goebel
P.O. Box 4289
Farmington, New Mexico 87499

Gentlemen:

An approved copy of your 1984 Plan of Development for the San Juan 30-6 Unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing to drill wells No. 113 and 112Y was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(**ORIG. SGD.**) GARY A. STEPHENS

For District Manager

Enclosure

cc:
Comm. of Public Lands, Santa Fe
NMOC, Santa FE
Micrographics 943b-4 (w/enc)
FRAH Fluids Section
File: SJ 30-6 POD (w/enc)
O&G Chron

015:RBartel:tt:10/11/84:0121M

October 15, 1984

United States Department of the Interior
Bureau of Land Management
505 Marquette Avenue, Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment-1984 Drilling Program

Gentlemen:

The revised 1984 Drilling Program for the San Juan 30-6 Unit was submitted to you by our letter of July 30, 1984.

Subsequent to the submittal of said letter of July 30, 1984, one additional well has been proposed which will be drilled under our 1984 Drilling Program. The additional well to be drilled is:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#22	E/2 Section 9, T30N, R6W	Dakota

All working interest owners have been contacted and advised of the First Amendment to the Drilling Program in accordance with the Unit Agreement.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

October 15, 1984

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Alan Alexander".

Alan Alexander
District Land Manager

AA:VLG:ld
Enclosures
San Juan 30-6 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 10-22-84

The foregoing approvals for the First Amendment to 1984 Drilling Program for the
San Juan 30-6 Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

Cambridge Royalty Co.

Elizabeth Jeanne Turner Calloway

W. P. Carr, Individually and as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Getty Oil Company

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Co.
Amarillo, Texas

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Petro-Lewis Corporation

Northwest Pipeline Corporation

Phillips Oil Company

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Individually
and as Attorney-in-Fact for Mabell
McElvain Miller, Trustee for Corinne
Miller Gay Mast Trust and Trustee
for Maydell Miller Mast Trust

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Exploration and Production

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

J. Glenn Turner, Jr. &
Mercantile National Bank
at Dallas, Texas, as Trustees under
a Trust Agreement created for
the benefit of Mary Frances Turner, Jr.

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

El Paso
Exploration Company

P. O. BOX 289
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

#493

September 28, 1984

Bureau of Land Management
Attention: Ms. Sue Umsler
505 Marquette Avenue, Suite 815
Albuquerque, New Mexico 87110

Re: San Juan 30-6 Unit
#14-08-001-538
SW/4 Sec. 36, T30N, R6W
Rio Arriba County, NM

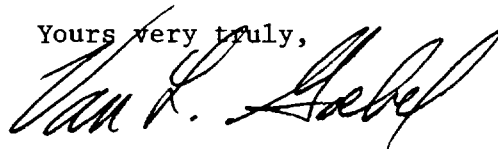
Gentlemen:

In response to your letter dated September 19, 1984, Mr. Jeff Peace with our Reservoir Engineering Department spoke with you concerning the referenced. In your conversation with Jeff you indicated that the problem as to drainage may be resolved if we supplied documentation of the shut-in pressure for the San Juan 29-6 Unit #111 Pictured Cliffs well located in the NW/4 Section 1, T29N, R6W.

Please find enclosed for your review the Multipoint and One Point Back Pressure Test for Gas Well form, indicating shut-in pressure, provided to us by Northwest Pipeline Corporation.

It is hoped that this information will resolve the question of drainage and that the Bureau of Land Management will approve our 1984 Drilling Program for the San Juan 30-6 Unit. It is El Paso's position that the Bureau of Land Management should not hold up Drilling Programs based upon the contention that drainage is occurring.

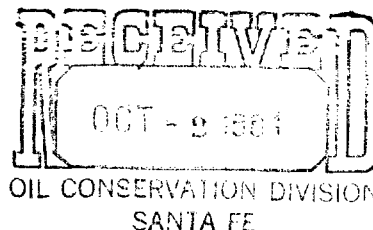
Yours very truly,



Van L. Goebel
Senior Landman

VLG:ld
Enclosure
San Juan 30-6 Unit, 3.0

xc: New Mexico Oil Conservation Division
Commissioner of Public Lands
Jeff Peace



MULTIF

W MEXICO OIL CONSERVATION
NO ONE-POINT BACK PRESSURSION
FOR GAS WELLForm C-122
Revised 9-1-66

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		11-26-79		11-26-79	
Company				Connection				Unit					
Northwest Pipeline Corp.				New Completion				SJ 29-6 Unit					
Pool				Formation				Unit					
Blanco				Pictured Cliffs				SJ 29-6 Unit					
Completion Date		Total Depth		Plug Back TD		Elevation		Form or Lease Name					
10/30/79		3715		3696 (FC)		6636GR		SJ 29-6 Unit					
Csg. Size	WI.	d	Set At	Perforations:		Well No.							
2.875	6.5#	2.441	3705	From 3598 To 3630		111							
Trg. Size	WI.	d	Set At	Perforations:		Unit		Sec.	Twp.	Range			
None				From To		C		1	29N	6W			
Type Well - Single - Brdenhead - G.G. or G.O. Multiple						Packer Set At		County					
Single - Tubingless Completion						None		Rio Arriba					
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State					
Casing		A				12.0		New Mexico					
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Positive Choke		Meter Run		Taps			
		.690											

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1	1.2"		X 0.750"	110		56°			1089		SIP
2									110		3 hrs.
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		122	1.004	1.204	1.014	1436
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	X X X X X X X X
3					Specific Gravity Flowing Fluid	X X X X X
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1	1101	159	25281	1186920
2		(Calc)		
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0213$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0181$

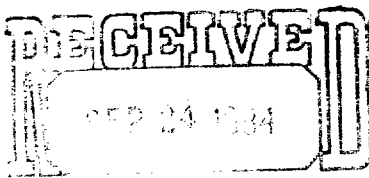
AGF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1462$

Absolute Open Flow		1462	Mcf/d @ 15.025	Angle of Slope @	Slope, n	.85
--------------------	--	------	----------------	------------------	----------	-----

Remarks: Well produced very dry gas

G1.	1-e-s	Fc Q2	R ²	P+2	P+2+R2	Calc. PW
2483	.165	63541	10484	14884	25368	159

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Fred Hamrick	B. J. Broughton	



Bureau of Land Management
Albuquerque District Office
P.O. Box 6770

Albuquerque, New Mexico 87197-6770

8/30/84
#493

SEP 19 1984

El Paso Natural Gas Company
P.O. Box 4289
Farmington, New Mexico 87499

Gentlemen:

We have analyzed the data submitted by your letter of July 30, 1984, in response to our letter of June 4, 1984, concerning your proposed Plan of Development for the S.J. 30-6 Unit, and our determination that drainage is occurring from the unit from the Pictured Cliffs Formation in the SW $\frac{1}{4}$ section 36, T. 30 N., R. 6 W., NMPM, Rio Arriba County, New Mexico.

There is good agreement between your parameters and ours except in the two following instances:

1. Your initial reservoir pressure, (thus the $\frac{BHP}{ZP}$) that you submitted differs greatly from the BHP that we calculated from the initial WHSIP as published in the state reports.
2. Your estimated ultimate reserves figure differs from ours and you did not show how the estimate was obtained.

Please submit documentation and/or method of calculation to support your initial reservoir pressure and the determination of ultimate reserves to us. After an analysis we will contact you again concerning our findings. We will defer approval or disapproval of your amended Plan of Development until we receive this information.

If you have any questions, please contact R.F. Bartel at (505) 766-2670.

Sincerely yours,

/s/ Michael F. Reitz

for L. Paul Applegate
District Manager

cc:
Comm. of Pub. Lands, Santa Fe
NMOC, Santa Fe
Micrographics
Fluids Section (FRAH)
San Juan 30-6 POD File
Gen. Corresp. File
Drainage File

Suspense
O&G Chron

015:RFBartel:tt:9/17/84-A-17-88

July 30, 1984

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
Revised 1984 Drilling Program

Gentlemen:

The 1984 Drilling program for the San Juan 30-6 Unit which was submitted to you by our letter of March 14, 1984 has not been approved as of this date by the Bureau of Land Management. The Bureau of Land Management has not approved the 1984 Drilling Program submitted by our letter of March 14, 1984 based on their contention that drainage is occurring in the SW/4 of Section 36, T-30-N, R-6-W as to the Pictured Cliffs formation. El Paso's Engineering and Geological Departments are at this time submitting reports and discussing the drainage situation with the Bureau of Land Management.

Subsequent to the submittal of said letter of March 14, 1984, two (2) wells have been proposed which will be drilled under our 1984 Drilling Program. It is El Paso's position that the discussions with the Bureau of Land Management concerning drainage in the SW/4 of Section 36 should not impede the approval of the two (2) wells to be drilled under our Revised 1984 Drilling Program. The two (2) wells proposed to be drilled are:

<u>Well NO.</u>	<u>Drilling Block</u>	<u>Formation</u>
#113	E/2 Sec. 24-30N-6W	Dakota
#112Y	E/2 Sec. 26-30N-6W	Tight Hole

The drilling block to be dedicated to the #113 well will create the initial Dakota Participating Area in the Unit if the well proves commercial. Well #112Y will be drilled as a redrill to the #112 well proposed under our 1983 Drilling Program. Phillips Petroleum Company has been Designated Agent, by El Paso Natural Gas Company as Unit Operator, in order to drill the #112Y well.

Letter to Regulatory Agencies
July 30, 1984
Page Two

All working interest owners have been contacted, and the Drilling Program has been approved by them in accordance with the Unit Agreement.

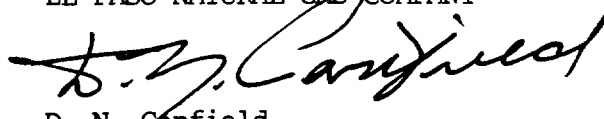
El Paso Natural Gas Company, as Unit Operator, at this time is discussing the drainage situation as to the SW/4 of Section 36, T-30-N, R-6-W. If drainage is determined, El Paso Natural Gas Company plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY


D. N. Canfield
Attorney-in-Fact *usg*
tm

DNC/VLG/cc
Attachment
San Juan 30-6 Unit, 3.0

cc: Mr. Alan Alexander

APPROVED:

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

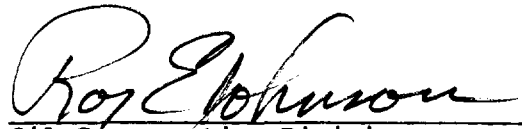
DATED: _____

APPROVED:

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATED: _____

APPROVED:


Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
the Commissioner of Public Lands)

DATED: 8-6-84

The foregoing approvals for the Revised 1984 Drilling Program for the San Juan 30-6 Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham	Petro-Lewis Corporation
Amoco Production Company (4)	Northwest Pipeline Corporation
Atlantic Richfield Company (3)	Phillips Oil Company
Cambridge Royalty Co.	Phillips Petroleum Company
Elizabeth Jeanne Turner Calloway	PWG Partnership
W. P. Carr, Individually and as Trustee	Mr. James M. Raymond, Individually
Conoco, Inc.	and as Attorney-in-Fact for Mabell
James Allison Cozby	McElvain Miller, Trustee for Corinne
Crown Central Petroleum Corporation	Miller Gay Mast Trust and Trustee
Getty Oil Company	for Maydell Miller Mast Trust
Mr. Thomas H. Harrington	Mr. W. H. Sloan
Catherine Harvey	Southland Royalty Company
Tom Home, Executor of the	Tenneco Oil Exploration and Production
Estate of Ina Belle Hightower	Mr. J. Glenn Turner, Jr.
Mr. Barron Kidd	Mr. Frederick Eugene Turner
Koch Industries, Inc.	Mr. John Lee Turner
T. H. McElvain, Jr.	Elizabeth Jeanne Turner Calloway
T. H. McElvain Oil and Gas Prop.	J. Glenn Turner, Jr. &
Mesa Petroleum Co. (2)	Mercantile National Bank
Amarillo, Texas	at Dallas, Texas, as Trustees under
Mr. Morris Mizel	a Trust Agreement created for
Mr. Wayne Moore	the benefit of Mary Frances Turner, Jr. (3095
Mr. Robert Mosbacher	Mr. Paul H. Umbach
	Helen Ulmer Van Atta
	The Wiser Oil Company

S. J. Unit
~~29-6~~
30-6

#493

San Juan 30-6 Unit

JUN 04 1984

CERTIFIED—RETURN RECEIPT REQUESTED

El Paso Natural Gas Company
P.O. Box 1492
El Paso, TX 79978

Gentlemen:

We have examined your proposed 1984 Plan of Development for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such plan, proposing to drill no wells during 1984 cannot be approved due to the drainage situation in the SW $\frac{1}{4}$ section 36, T. 30 N., R. 6 W., NMPM. Before approval can be given, the POD needs to be amended or revised to include the drilling of a Pictured Cliffs protective well in section 36.

In your response of December 6, 1982 to our drainage demand letter of September 14, 1982, concerning drainage protection of the E $\frac{1}{4}$ and SW $\frac{1}{4}$ section 36, T. 30 N., R. 6 W., you state that the San Juan 29-6 unit well No. 111 is not draining any part of the subject unit. However, our records indicate that this well has already produced in excess of your reserve estimate, and we have determined that the well will drain this unit, namely the SW $\frac{1}{4}$ section 36, T. 30 N., R. 6 W.

When the 1984 POD is revised to include drilling this protective well, and such well is drilled, then a compensatory royalty assessment will not be initiated. The corrected POD must be submitted to this office by August 31, 1984. If you have any questions concerning this demand, please contact Sue Umshler or Ron Bartel at 766-2668 or 766-2670.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

For District Manager

cc:
Comm. of Public Lands, Santa Fe
NMOCD, Santa Fe ✓
Micrographics
Fluids Section (FRAH)
San Juan 30-6 Unit File
Gen. Correspondence File
POD File
Drainage File
Suspense
O&G Chrono

#1492

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

April 19, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1984 Plan of Development

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such program calls for the drilling of no wells during the calendar year of 1984. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm

encls.

cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico Attention: Mr. Armando Lopez

El Paso
Natural Gas Company

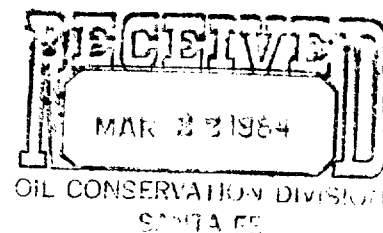
#493
P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

March 14, 1984

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501



Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1984 Drilling Program

Gentlemen:

By letter dated June 15, 1983, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1983. This Program provided for the drilling of one (1) Pictured Cliffs well and one (1) Pennsylvanian well. The Pictured Cliffs side has been dualled with an existing Mesaverde well. We are now determining if the Pictured Cliffs side is commercial.

As of this date, the total number of active wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	139
Mesaverde, Plugged and Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota Dual (DK Non-commercial)	1
	<u>148</u>

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year of 1984.

Regulatory Agencies
March 14, 1984
Page Two

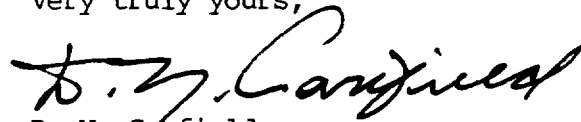
All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in cursive script, appearing to read "D. N. Canfield".

D. N. Canfield

Attorney-in-Fact^{ure}

DNC/VLG/cc
Attachment
San Juan 30-6, 3.0

APPROVED:

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED:

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATED: _____

APPROVED:


Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
the Commissioner of Public Lands)

DATED: 3-26-84

The foregoing approvals for the 1984 Drilling Program for the San Juan 30-6
Unit #14-08-001-538, Rio Arriba County, New Mexico

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham	Petro-Lewis Corporation
Amoco Production Company (4)	Northwest Pipeline Corporation
Atlantic Richfield Company (3)	Phillips Oil Company
Cambridge Royalty Co.	Phillips Petroleum Company
Elizabeth Jeanne Turner Calloway	PWG Partnership
W. P. Carr, Individually and as Trustee Conoco, Inc.	Mr. James M. Raymond, Individually and as Attorney-in-Fact for Mabel McElvain Miller, Trustee for Corinne Miller Gay Mast Trust and Trustee for Maydell Miller Mast Trust
James Allison Cozby	
Crown Central Petroleum Corporation	Mr. W. H. Sloan
Getty Oil Company	Southland Royalty Company
Mr. Thomas H. Harrington	Tenneco Oil Exploration and Production
Catherine Harvey	Mr. J. Glenn Turner, Jr.
Tom Home, Executor of the Estate of Ina Belle Hightower	Mr. Frederick Eugene Turner
Mr. Barron Kidd	Mr. John Lee Turner
Koch Industries, Inc.	Elizabeth Jeanne Turner Calloway
T. H. McElvain, Jr.	J. Glenn Turner, Jr. & Mercantile National Bank at Dallas, Texas, as Trustees under a Trust Agreement created for the benefit of Mary Frances Turner, Jr. (3095
T. H. McElvain Oil and Gas Prop.	
Mesa Petroleum Co. (2) Amarillo, Texas	Mr. Paul H. Umbach
Mr. Morris Mizel	Helen Ulmer Van Atta
Mr. Wayne Moore	The Wiser Oil Company
Mr. Robert Mosbacher	

State of New Mexico

#493



JIM BACA
COMMISSIONER

Commissioner of Public Lands

November 29, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
First Amendment 1983 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to your 1983 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such amended program proposes to drill the Unit Well No. 112 to test the Pennsylvanian formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
 BLM-Albuquerque, New Mexico
 BLM-Roswell, New Mexico

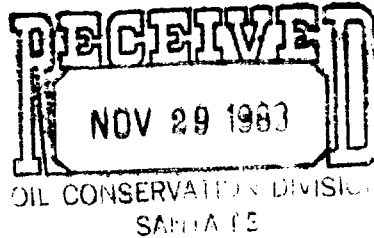


United States Department of the Interior

BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 315
P. O. Box 6770
Albuquerque, New Mexico 87107

IN REPLY REFER TO
San Juan 30-6



El Paso Natural Gas Company
Attention: D. N. Canfield
P.O. Box 1492
El Paso, Texas 79978

Gentlemen:

Three approved copies of your amended 1983 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill a Pennsylvanian Test in E1/2 section 26, T. 30 N., R. 6 W., N.M.P.M., was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(Signature)

For District Manager

Enclosure



P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

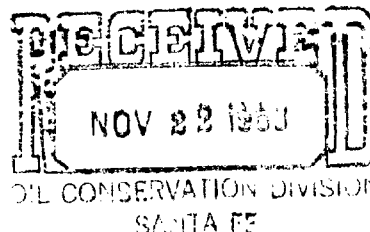
FEDERAL EXPRESS

November 16, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501



Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
First Amendment 1983 Drilling Program

Gentlemen:

The 1983 Drilling Program for the San Juan 30-6 Unit which was submitted to you by our letter of June 15, 1983 has been approved.

Subsequent to the submittal of said letter of June 15, 1983, one additional well has been proposed which will be drilled under our 1983 Drilling Program. The additional well proposed to be drilled is:

<u>Well NO.</u>	<u>Drilling Block</u>	<u>Formation</u>
#112	E/2 Sec. 26-30N-6W	Pennsylvanian

Well #112 will be drilled to a depth of about 14,000 feet to test the Lower Paleozoic section of a closed Pennsylvanian structure. The drilling block to be dedicated to this well will create the initial Pennsylvanian Participating Area in the unit if the well proves commercial.

All working interest owners have been contacted, and the Drilling Program has been approved by them in accordance with the Unit Agreement. El Paso Natural Gas Company, as Unit Operator, believes that all current obligations have been satisfied.

Letter to Agencies
November 16, 1983
Page Two

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY



D. N. Canfield
Attorney-in-Fact

WJH
Jm

DNC:VLG:cc
Attachment
San Juan 30-6 Unit, 3.0

APPROVED: Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

DATED: _____

APPROVED: 
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
the Commissioner of Public Lands)

DATED: 1-10-84

The foregoing approvals for the First Amendment to the 1983 Drilling Program
for the San Juan 30-6 Unit #14-08-001-538, Rio Arriba County, New Mexico

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company (4)

Atlantic Richfield Company (3)

Cambridge Royalty Co.

Elizabeth Jeanne Turner Calloway

W. P. Carr, Individually and as Trustee
Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Getty Oil Company

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Company (2)
Amarillo, Texas

Mesa Petroleum Company
Denver, Colorado

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Oil Company

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Individually
and as Attorney-in-Fact for Mabell
McElvain Miller, Trustee for Corinne
Miller Gay Mast Trust and Trustee
for Maydell Miller Mast Trust

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

J. Glenn Turner, Jr. &
Mercantile National Bank
at Dallas, Texas, as Trustees under
a Trust Agreement created for
the benefit of Mary Frances Turner, Jr. (309

Mr. Paul H. Umbach

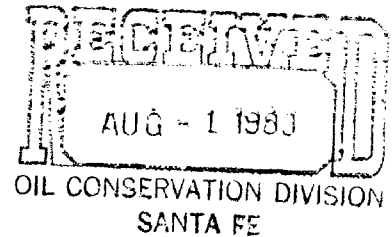
Helen Ulmer Van Atta

The Wiser Oil Company

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

July 25, 1983



Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

#493

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1983 Drilling Program

Gentlemen:

The 1983 Drilling Program for the San Juan 30-6 Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management	7-7-83
Commissioner of Public Lands	7-8-83
Oil Conservation Commission	7-8-83

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Van L. Goebel".

Van L. Goebel
Landman
Land Department

VLG:cc
San Juan 30-6 Unit, 3.0

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company (4)

Atlantic Richfield Company (3)

Cambridge Royalty Co.

Elizabeth Jeanne Turner Calloway

W. P. Carr, Individually and as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Getty Oil Company

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Company (2)
Amarillo, Texas

Mesa Petroleum Company
Denver, Colorado

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Oil Company

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Individually
and as Attorney-in-Fact for Mabel
McElvain Miller, Trustee for Corinne
Miller Gay Mast Trust and Trustee
for Maydell Miller Mast Trust

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

J. Glenn Turner, Jr. &
Mercantile National Bank
at Dallas, Texas, as Trustees under
a Trust Agreement created for
the benefit of Mary Frances Turner, Jr. (309

Mr. Paul H. Umbach

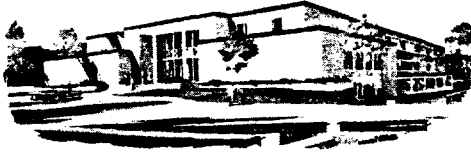
Helen Ulmer Van Atta

The Wiser Oil Company

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

July 8, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1983 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such program calls for the drilling of no wells during 1983, however, operator plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary. This approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

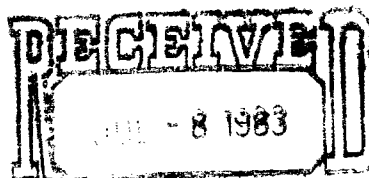
Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico



OIL CONSERVATION DIVISION

SANTA FE JUL 07 1983

El Paso Natural Gas Company
Attention: D. N. Canfield
P. O. Box 1492
El Paso, TX 79978

Gentlemen:

Three ~~approved~~ copies of your 1983 Plan of Development for the San Juan 30-6 ~~unit area~~, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of the San Juan 30-6 unit Well No. 89-A to test the Pictured Cliffs Formation in the E $\frac{1}{2}$ sec 36, T. 30 N., R. 6 W., N.M.P.M., was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

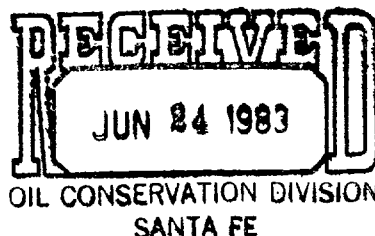
Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON
Assistant District Manager
for Minerals

Enclosure

cc: ✓
NMOCD
Commissioner of Public Lands
Farmington Resource Area (w/enclosure)
Unit File San Juan 30-6
O & G Chrono
SEUmshler:pmr:7-7-83

El Paso NATURAL GAS
COMPANY



P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

June 15, 1983

#493

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1983 Drilling Program

Gentlemen:

By letter dated April 8, 1982, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-6 Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1982. This program provided for the drilling of no wells during 1982. No wells were drilled.

As of this date, the total number of active wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	139
Mesaverde, Plugged and Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota Dual (DK Non-commercial)	1
	<u>148</u>

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following Pictured Cliffs well during the calendar year 1983:

Regulatory Agencies
June 15, 1983
Page Two

Well No.

Location

89A

E/2 of Section 36, T-30-N, R-6-W

Well No. 89A is an existing Mesaverde well within the Mesaverde Participating Area. The well will be entered and dualled in the Pictured Cliffs formation. The drilling block to be dedicated to this well will create the initial Pictured Cliffs Participating Area in the unit if the well proves commercial.

All working interest owners have been contacted, and the Drilling Program has been approved by them in accordance with the Unit Agreement. El Paso Natural Gas Company, as Unit Operator, believes that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY



D. N. Canfield *mb*
Attorney-in-Fact *y*

DNC:MLB:ljg
Attachment
San Juan 30-6, 3.0

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company (4)

Atlantic Richfield Company (3)

CRA International, Ltd.

Elizabeth Jeanne Turner Calloway

W. P. Carr, Individually and as Trustee

Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

Getty Oil Company

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company
c/o Texas National Bank of Commerce

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Company (2)
Amarillo, Texas

Mesa Petroleum Company
Denver, Colorado

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Oil Company

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond, Individually
and as Attorney-in-Fact for Mabel
McElvain Miller, Trustee for Corinne
Miller Gay Mast Trust and Trustee
for Maydell Miller Mast Trust

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

J. Glenn Turner, Jr. &
Mercantile National Bank
at Dallas, Texas, as Trustees under
a Trust Agreement created for
the benefit of Mary Frances Turner, Jr. (3095

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

APPROVED:

Minerals Management Service
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

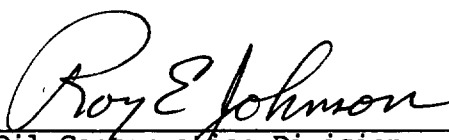
DATED: _____

APPROVED:

Commissioner of Public Lands
(Subject to like approval by the
Minerals Management Service and
the Oil Conservation Division)

DATED: _____

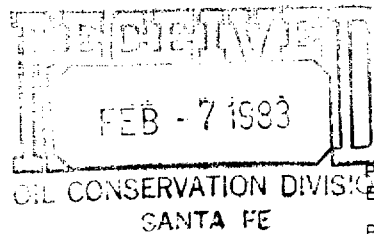
APPROVED:


Oil Conservation Division
(Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands)

DATED: 7-8-83

The foregoing approvals for the 1983 Drilling Program for the San Juan 30-6
Unit #14-08-001-538, Rio Arriba County, New Mexico

El Paso NATURAL GAS
COMPANY



P.O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

January 31, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

493

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that three (3) additional wells capable of producing unitized substances from the Mesaverde Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 30-6 Unit #73A Well was completed on December 18, 1981. The Mesaverde Formation was tested on January 4, 1982, with an after frac gauge of 2902 MCF/D. The spacing unit for this well is described as the W/2 of Section 22, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #84A Well was completed on December 15, 1981. The Mesaverde Formation was tested on January 4, 1982, with an after frac gauge of 1741 MCF/D. The spacing unit for this well is described as the W/2 of Section 11, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

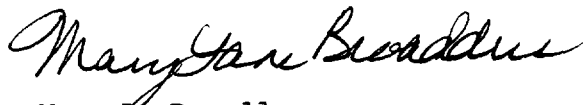
Regulatory Agencies
January 31, 1983
Page Two

The San Juan 30-6 Unit #94A Well was completed on December 23, 1981. The Mesaverde Formation was tested on January 4, 1982, with an after frac gauge of 3733 MCF/D. The spacing unit for this well is described as the W/2 of Section 28, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

All three (3) of the drilling blocks for the above-described wells are included within the existing Mesaverde Participating Area; therefore, the Mesaverde Participating Area is not enlarged by these wells.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in cursive script, reading "Mary E. Broaddus".

Mary E. Broaddus
Landman
Land Department

MLB:ljg
Attachment
San Juan 30-6, 4.2.1

SAN JUAN 30-6 UNIT
MESAVERDE PARTICIPATING AREA
WORKING INTEREST OWNERS

Atlantic Richfield Company (3)

James Allison Cozby

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Crown Central Petroleum Corporation

Mr. Thomas H. Harrington

Matagorda Oil Company
c/o Texas National Bank of Commerce

T. H. McElvain Oil and Gas Properties

Mesa Petroleum Co. (2)
Amarillo, Texas

Mesa Petroleum Co.
Denver, Colorado

James M. Raymond, Ind. and
as Attorney-in-Fact for
Mabelle McElvain Miller

James M. Raymond, Trustee
for Corinne Miller Gay Trust

James M. Raymond, Trustee for
Maydell Miller Mast Trust

Mr. Robert Mosbacher

Northwest Pipeline Corporation

PWG Partnership

James M. Raymond
Individually and as Trustee

Southland Royalty Company

The Wiser Oil Company



07 10 1982
P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

October 14, 1982

493

Minerals Management Service
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538,
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that ten (10) additional wells capable of producing unitized substances from the Mesaverde Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 30-6 Unit #14A Well was completed on September 15, 1980. The Mesaverde Formation was tested on September 15, 1980, with an after frac guage of 1445 MCF/D. The spacing unit for this well is described as the W/2 of Section 32, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #51A Well was completed on September 15, 1980. The Mesaverde Formation was tested on September 15, 1980, with an after frac guage of 602 MCF/D. The spacing unit for this well is described as the E/2 of Section 30, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #53A Well was completed on December 22, 1980. The Mesaverde Formation was tested on December 22, 1980, with an after frac guage of 2449 MCF/D. The spacing unit for this well is described as the W/2 of Section 29, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #57A Well was completed on December 18, 1980. The Mesaverde Formation was tested on December 18, 1980, with an after frac guage of 1157 MCF/D. The spacing unit for this well is described as the W/2 of Section 30, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #58A Well was completed on November 6, 1980. The Mesaverde Formation was tested on November 6, 1980, with an after frac guage of 2902 MCF/D. The spacing unit for this well is described as the W/2 of Section 31, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #86A Well was completed on November 13, 1980. The Mesaverde Formation was tested on November 13, 1980, with an after frac guage of 1841 MCF/D. The spacing unit for this well is described as the E/2 of Section 36, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #87A Well was completed on December 1, 1980. The Mesaverde Formation was tested on December 1, 1980, with an after frac guage of 1295 MCF/D. The spacing unit for this well is described as the W/2 of Section 36, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #88A Well was completed on December 23, 1980. The Mesaverde Formation was tested on December 23, 1980, with an after frac guage of 626 MCF/D. The spacing unit for this well is described as the W/2 of Section 7, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #91A Well was completed on December 8, 1980. The Mesaverde Formation was tested on December 8, 1980, with an after frac guage of 3107 MCF/D. The spacing unit for this well is described as the E/2 of Section 28, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

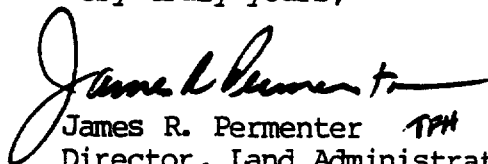
Regulatory Agencies
October 14, 1982
Page Three

The San Juan 30-6 Unit #101A Well was completed on December 3, 1980. The Mesaverde Formation was tested on December 3, 1980, with an after frac guage of 3900 MCF/D. The spacing unit for this well is described as the E/2 of Section 35, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

All ten (10) of the drilling blocks for the above-described wells are included within the existing Mesaverde Participating Area; therefore, the Mesaverde Participating Area is not enlarged by these wells.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



James R. Permenter TFH
Director, Land Administration
Land Department

JRP:TFH:ljg
Attachment
San Juan 30-6, 4.2.1

10/14/82
JRP:TFH:ljg
TFH
JRP

SAN JUAN 30-6 UNIT
MESAVERDE PARTICIPATING AREA
WORKING INTEREST OWNERS

Atlantic Richfield Company (3)

James Allison Cozby

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Crown Central Petroleum Corporation

Mr. Thomas H. Harrington

Matagorda Oil Company
c/o Texas National Bank of Commerce

T. H. McElvain Oil and Gas Properties

Mesa Petroleum Co. (2)
Amarillo, Texas

Mesa Petroleum Co.
Denver, Colorado

James M. Raymond, Ind. and
as Attorney-in-Fact for
Mabelle McElvain Miller

James M. Raymond, Trustee
for Corinne Miller Gay Trust

James M. Raymond, Trustee for
Maydell Miller Mast Trust

Mr. Robert Mosbacher

Northwest Pipeline Corporation

PWG Partnership

James M. Raymond
Individually and as Trustee

Southland Royalty Company

The Wiser Oil Company



United States Department of the Interior

MINERALS MANAGEMENT SERVICE
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

MAY 3 1982

El Paso Exploration Company
Attention: D. N. Canfield
P. O. Box 1492
El Paso, Texas 79978

493

Gentlemen:

Three approved copies of your 1982 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing to drill no new wells during 1982, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted by our Development Unit about this possibility.

Sincerely yours,

COPIES TO: [illegible]

Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosures

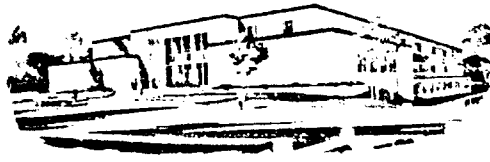
cc:
Comm. of Public Lands, Santa Fe
NMOCD, Santa Fe

MAY 21 1982

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands
April 28, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501
87504-1148

El Paso Exploration Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1982 DRILLING PROGRAM

4173

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such program calls for the drilling of no wells during 1982. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Mangement Service.

Enclosed is one approved copy for your files.

please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
A/C 505-827-2748

AJA/RDG/s
encls.
cc:

USGS/MMS-Albuquerque, New Mexico
OCD-Santa Fe, New Mexico/
Administration

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978

PHONE: 915-543-2606

APR 26 1982

April 16, 1982

OIL CONSERVATION DIVISION
SANTA FE

Area Oil and Gas Supervisor
United States Geological Survey
Post Office Box 26124
Albuquerque, New Mexico 87125

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538,
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Dakota Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that twenty-one (21) additional wells capable of producing unitized substances from the Mesaverde Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 30-6 Unit #32A Well, located 1560' from the South line and 1800' from the East line of Section 7, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 2, 1979, and completed on October 2, 1979, at a plugged back depth of 5944'. The Mesaverde Formation at the selected intervals between 5522' and 5904' was treated with a sand-water fracturing process on September 22, 1979. The well was shut-in on September 25, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on October 2, 1979, using the Pitot tube method with an after frac guage of 2,047 MCF/D, with an SIPC of 635 psia and an SIPT of 573 psia. The spacing unit for this well is described as the E/2 of Section 7, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #45A Well, located 1600' from the South line and 990' from the East line of Section 15, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 21, 1979, and completed on June 17, 1980, at a plugged back depth of 5962'. The Mesaverde Formation at the selected intervals between 5558' and 5908' was treated with a sand-water fracturing process on May 10, 1980. The well was shut-in on June 10, 1980, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on June 16, 1980, using the Pitot tube method with an after frac guage of 734 MCF/D, with an SIPC of 810 psia and an SIPT of 642 psia. The spacing unit for this well is described as the E/2 of Section 15, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #24A Well, located 1170' from the South line and 1845' from the East line of Section 16, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 30, 1979, and completed on May 19, 1980, at a plugged back depth of 6159'. The Mesaverde Formation at the selected intervals between 5746' and 6096' was treated with a sand-water fracturing process on May 7, 1980. The well was shut-in on May 10, 1980, and after being shut-in for nine (9) days, the Mesaverde Formation was tested on May 19, 1980, using the Pitot tube method with an after frac guage of 744 MCF/D, with an SIPC of 508 psia and an SIPT of 504 psia. The spacing unit for this well is described as the E/2 of Section 16, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #81A Well, located 1500' from the South line and 1490' from the East line of Section 17, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 12, 1979, and completed on October 4, 1979, at a plugged back depth of 6045'. The Mesaverde Formation at the selected intervals between 5260' and 5930' was treated with a sand-water fracturing process on September 26, 1979. The well was shut-in on September 27, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on October 4, 1979, using the Pitot tube method with an after frac guage of 1042 MCF/D, with an SIPC of 698 psia and an SIPT of 728 psia. The spacing unit for this well is described as the E/2 of Section 17, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #18A Well, located 1800' from the South line and 910' from the East line of Section 18, Township 30 North, Range 6 West, N.M.P.M., was spudded on July 15, 1979, and completed on September 20, 1979, at a plugged back depth of 6014'. The Mesaverde Formation at the selected intervals between 5249' and 5979' was treated with a sand-water fracturing process on September 5, 1979. The well was shut-in on September 7, 1979, and after being shut-in for thirteen (13) days, the Mesaverde Formation was tested on September 20, 1979, using the Pitot tube method with an after frac guage of 3333 MCF/D, with an SIPC of 662 psia and an SIPT of 575 psia. The spacing unit for this well is described as the E/2 of Section 18, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #26A Well, located 1470' from the North line and 1845' from the West line of Section 19, Township 30 North, Range 6 West, N.M.P.M., was spudded on June 23, 1979, and completed on August 30, 1979, at a plugged back depth of 6194'. The Mesaverde Formation at the selected intervals between 5424' and 6132' was treated with a sand-water fracturing process on August 23, 1979. The well was shut-in on May 25, 1980, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on June 2, 1980, using the Pitot tube method with an after frac guage of 1166 MCF/D, with an SIPC of 592 psia and an SIPT of 440 psia. The spacing unit for this well is described as the W/2 of Section 19, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #54A Well, located 1800' from the South line and 1720' from the East line of Section 21, Township 30 North, Range 6 West, N.M.P.M., was spudded on October 9, 1979, and completed on May 14, 1980, at a plugged back depth of 5961'. The Mesaverde Formation at the selected intervals between 5200' and 5864' was treated with a sand-water fracturing process on May 2, 1980. The well was shut-in on May 6, 1980, and after being shut-in for eight (8) days, the Mesaverde Formation was tested on May 14, 1980, using the Pitot tube method with an after frac guage of 494 MCF/D, with an SIPC of 449 psia and an SIPT of 530 psia. The spacing unit for this well is described as the E/2 of Section 21, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #49A Well, located 820' from the South line and 1500' from the East line of Section 27, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 25, 1979, and completed on August 5, 1980, at a total depth of 6516'. The Mesaverde Formation at the selected intervals between 5668' and 6328' was treated with a sand-water fracturing process on May 15, 1980. The well was shut-in on July 29, 1980, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on August 5, 1980, using the Pitot tube method with an after frac guage of 393 MCF/D, with an SIPC of 505 psia and an SIPT of 510 psia. The spacing unit for this well is described as the E/2 of Section 27, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #59A Well, located 1840' from the South line and 1620' from the East line of Section 28, Township 30 North, Range 6 West, N.M.P.M., was spudded on October 6, 1979, and completed on May 14, 1980, at a plugged back depth of 6038'. The Mesaverde Formation at the selected intervals between 5193' and 5952' was treated with a sand-water fracturing process on April 29, 1980. The well was shut-in on May 1, 1980, and after being shut-in for thirteen (13) days, the Mesaverde Formation was tested on May 14, 1980, using the Pitot tube method with an after frac guage of 691 MCF/D, with an SIPC of 482 psia and an SIPT of 137 psia. The spacing unit for this well is described as the E/2 of Section 28, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #60A Well, located 1850' from the South line and 1190' from the East line of Section 31, Township 30 North, Range 6 West, N.M.P.M., was spudded on June 15, 1979, and completed on August 14, 1979, at a plugged back depth of 6368'. The Mesaverde Formation at the selected intervals between 5562' and 6271' was treated with a sand-water fracturing process on August 3, 1979. The well was shut-in on August 7, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on August 14, 1979, using the Pitot tube method with an after frac guage of 312 MCF/D, with an SIPC of 634 psia and an SIPT of 247 psia. The spacing unit for this well is described as the E/2 of Section 31, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #70A Well, located 1800' from the North line and 820' from the West line of Section 12, Township 30 North, Range 7 West, N.M.P.M., was spudded on August 23, 1979, and completed on September 27, 1979, at a plugged back depth of 6395'. The Mesaverde Formation at the selected intervals between 5635' and 6344' was treated with a sand-water fracturing process on September 17, 1979. The well was shut-in on September 20, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on September 27, 1979, using the Pitot tube method with an after frac guage of 569 MCF/D, with an SIPC of 406 psia and an SIPT of 371 psia. The spacing unit for this well is described as the W/2 of Section 12, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #65A Well, located 1100' from the North line and 1580' from the West line of Section 13, Township 30 North, Range 7 West, N.M.P.M., was spudded on August 3, 1979, and completed on August 30, 1979, at a plugged back depth of 6008'. The Mesaverde Formation at the selected intervals between 5218' and 5987' was treated with a sand-water fracturing process on August 18, 1979. The well was shut-in on December 20, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on December 28, 1979, using the Pitot tube method with an after frac guage of 1213 MCF/D, with an SIPC of 647 psia and an SIPT of 370 psia. The spacing unit for this well is described as the W/2 of Section 13, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #66A Well, located 1460' from the North line and 1470' from the West line of Section 14, Township 30 North, Range 7 West, N.M.P.M., was spudded on August 13, 1979, and completed on September 24, 1979, at a plugged back depth of 5826'. The Mesaverde Formation at the selected intervals between 5052' and 5790' was treated with a sand-water fracturing process on September 13, 1979. The well was shut-in on September 16, 1979, and after being shut-in for eight (8) days, the Mesaverde Formation was tested on September 24, 1979, using the Pitot tube method with an after frac guage of 3599 MCF/D, with an SIPC of 631 psia and an SIPT of 375 psia. The spacing unit for this well is described as the W/2 of Section 14, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #63A Well, located 390' from the North line and 1410' from the West line of Section 15, Township 30 North, Range 7 West, N.M.P.M., was spudded on July 24, 1979, and completed on August 28, 1979, at a plugged back depth of 5768'. The Mesaverde Formation at the selected intervals between 4991' and 5713' was treated with a sand-water fracturing process on August 14, 1979. The well was shut-in on December 20, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on December 28, 1979, using the Pitot tube method with an after frac guage of 899 MCF/D, with an SIPC of 584 psia and an SIPT of 471 psia. The spacing unit for this well is described as the W/2 of Section 15, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #72A Well, located 1100' from the South line and 1160' from the East line of Section 22, Township 30 North, Range 7 West, N.M.P.M., was spudded on July 5, 1979, and completed on August 22, 1979, at a plugged back depth of 6161'. The Mesaverde Formation at the selected intervals between 5332' and 6118' was treated with a sand-water fracturing process on August 11, 1979. The well was shut-in on August 14, 1979, and after being shut-in for eight (8) days, the Mesaverde Formation was tested on August 22, 1979, using the Pitot tube method with an after frac guage of 2449 MCF/D, with an SIPC of 601 psia and an SIPT of 341 psia. The spacing unit for this well is described as the E/2 of Section 22, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #78A Well, located 1470' from the South line and 1825' from the East line of Section 25, Township 30 North, Range 7 West, N.M.P.M., was spudded on July 5, 1979, and completed on September 20, 1979, at a plugged back depth of 5808'. The Mesaverde Formation at the selected intervals between 4986' and 5742' was treated with a sand-water fracturing process on September 8, 1979. The well was shut-in on September 12, 1979, and after being shut-in for eight (8) days, the Mesaverde Formation was tested on September 20, 1979, using the Pitot tube method with an after frac guage of 2047 MCF/D, with an SIPC of 713 psia and an SIPT of 300 psia. The spacing unit for this well is described as the E/2 of Section 25, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #15A Well, located 1020' from the South line and 1610' from the East line of Section 29, Township 30 North, Range 7 West, N.M.P.M., was spudded on May 20, 1979, and completed on August 7, 1979, at a plugged back depth of 5809'. The Mesaverde Formation at the selected intervals between 4871' and 5768' was treated with a sand-water fracturing process on July 28, 1979. The well was shut-in on July 31, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on August 7, 1979, using the Pitot tube method with an after frac guage of 5200 MCF/D, with an SIPC of 805 psia and an SIPT of 521 psia. The spacing unit for this well is described as the S/2 of Section 29, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #9A Well, located 545' from the South line and 510' from the East line of Section 30, Township 30 North, Range 7 West, N.M.P.M., was spudded on May 28, 1979, and completed on August 14, 1979, at a plugged back depth of 5769'. The Mesaverde Formation at the selected intervals between 4799' and 5716' was treated with a sand-water fracturing process on July 31, 1979. The well was shut-in on August 3, 1979, and after being shut-in for eleven (11) days, the Mesaverde Formation was tested on August 14, 1979, using the Pitot tube method with an after frac guage of 12366 MCF/D, with an SIPC of 966 psia and an SIPT of 890 psia. The spacing unit for this well is described as the E/2 of Section 30, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #99A Well, located 1710' from the North line and 1590' from the West line of Section 34, Township 30 North, Range 7 West, N.M.P.M., was spudded on May 3, 1979, and completed on July 30, 1979, at a plugged back depth of 5772'. The Mesaverde Formation at the selected intervals between 4944' and 5692' was treated with a sand-water fracturing process on July 19, 1979. The well was shut-in on July 21, 1979, and after being shut-in for nine (9) days, the Mesaverde Formation was tested on July 30, 1979, using the Pitot tube method with an after frac guage of 4266 MCF/D, with an SIPC of 953 psia and an SIPT of 379 psia. The spacing unit for this well is described as the W/2 of Section 34, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #98A Well, located 1500' from the South line and 1840' from the East line of Section 34, Township 30 North, Range 7 West, N.M.P.M., was spudded on May 12, 1979, and completed on August 3, 1979, at a plugged back depth of 5850'. The Mesaverde Formation at the selected intervals between 4802' and 5776' was treated with a sand-water fracturing process on July 24, 1979. The well was shut-in on July 27, 1979, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on August 3, 1979, using the Pitot tube method with an after frac guage of 5066 MCF/D, with an SIPC of 889 psia and an SIPT of 539 psia. The spacing unit for this well is described as the E/2 of Section 34, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #100A Well, located 1610' from the North line and 1180' from the West line of Section 35, Township 30 North, Range 7 West, N.M.P.M., was spudded on June 23, 1979, and completed on August 22, 1979, at a plugged back depth of 6354'. The Mesaverde Formation at the selected intervals between 5521' and 6282' was treated with a sand-water fracturing process on August 7, 1979. The well was shut-in on August 9, 1979, and after being shut-in for thirteen (13) days, the Mesaverde Formation was tested on August 22, 1979, using the Pitot tube method with an after frac guage of 4266 MCF/D, with an SIPC of 936 psia and an SIPT of 512 psia. The spacing unit for this well is described as the W/2 of Section 35, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

All twenty-one (21) of the drilling blocks for the above-described wells are included within the existing Mesaverde Participating Area; therefore, the Mesaverde Participating Area is not enlarged by these wells.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

A handwritten signature in cursive script, reading "Van L. Goebel". The signature is written in dark ink and is positioned above the printed name and title.

Van L. Goebel
Landman
Land Department

VLG:jec
Attachment
SJ 30-6, 4.2.1

cc: Mr. Antonio Martinez

Helen Ulmer Van Atta

The Wiser Oil Company

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company
Attention: Land Department
Denver, Colorado 80202

Amoco Production Company
Attention: Production Department
Denver, Colorado 80202

Amoco Production Company
Farmington, New Mexico 87401

Atlantic Richfield Company (3)

CRA International, Ltd.

W. P. Carr, Individually and as Trustee
Conoco, Inc.

James Allison Cozby

Crown Central Petroleum Corporation

General American Oil Company of Texas

Getty Oil Company

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company
c/o Texas National Bank of Commerce

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Company (2)
Amarillo, Texas

Mesa Petroleum Company
Denver, Colorado

James M. Raymond, Ind. and
as Attorney-in-Fact for
Mabelle McElvain Miller

James M. Raymond, Trustee
for Corinne Miller Gay Trust

James M. Raymond, Trustee for
Maydell Miller Mast Trust

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond,
Individually and as Trustee

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

J. Glenn Turner, Jr. &
Mercantile National Bank
at Dallas, Texas, Trustees of
the Mary Frances Turner, Jr. Trust

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

May 8, 1981

493

Area Oil and Gas Supervisor
United States Geological Survey
Post Office Box 26124
Albuquerque, New Mexico 87125

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

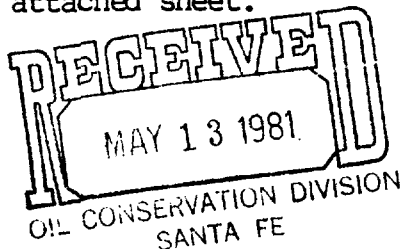
Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1981 Drilling Program

Gentlemen:

The Drilling Program for 1981 for the referenced unit was approved on the following dates:

<u>USGS</u>	<u>CPL</u>	<u>OCD</u>
2/4/81	12/2/80	12/8/80

Copies of this letter are being sent to the working interest owners on the attached sheet.



Very truly yours,

Tom F. Hawkins

Tom F. Hawkins
Landman
Land Department

TFH/en
SJ 30-6 Unit, 3.0

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

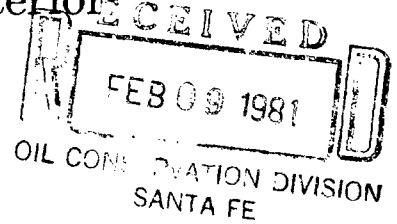
Mr. J. R. Abraham
Amoco Production Company
Atlantic Richfield Company
CRA International, Ltd.
W. P. Carr, Individually and as Trustee
Conoco, Inc.
Crown Central Petroleum Corporation
General American Oil Company of Texas
Mr. Thomas H. Harrington
Catherine Harvey
Tom Home, Executor of the
Estate of Ina Belle Hightower
Mr. Barron Kidd
Koch Industries, Inc.
Matagorda Oil Company
c/o Texas National Bank of Commerce
T. H. McElvain, Jr.
T. H. McElvain Oil and Gas Prop.
Mesa Petroleum Company (2)
Amarillo, Texas
Mesa Petroleum Company
Denver, Colorado
Mabelle McElvain Miller
Mr. Morris Mizel
Mr. Wayne Moore
Mr. Robert Mosbacher
Northwest Pipeline Corporation
Phillips Petroleum Company
PWG Partnership

Mr. James M. Raymond,
Individually and as Trustee
Reserve Oil & Gas Company
Mr. W. H. Sloan
Southland Royalty Company
Tenneco Oil Company
Mr. J. Glenn Turner
Mr. Paul H. Umbach
Helen Ulmer Van Atta
The Wiser Oil Company



United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125



FEB 1981

103

El Paso Natural Gas Company
Attention: D. N. Canfield
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1981 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill wells No. 84A, 73A, 38A, and 94A to test the Mesaverde formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

ORIGINAL FILED

Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosures

cc:

NMOCD, Santa Fe

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 8, 1980

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 493
San Juan 30-6 Unit
1981 Drilling Program

Gentlemen:

We hereby approve the 1981 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

Yours very truly,

JOE D. RANEY
Director

JDR/EP/Fd
enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

C
O
P
Y

State of New Mexico



693

ALEX J. ARMIJO
COMMISSIONER

Commissioner of Public Lands

December 2, 1980

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1981 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such program proposed the drilling of wells no. 84A, 73A, 38A and 94A. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505-827-2748

AJA/FOP/s
encls.
cc:

OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

El Paso NATURAL GAS
COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

November 7, 1980

Area Oil and Gas Supervisor
United States Geological Survey
P. O. Box 26124
Albuquerque, New Mexico 87125

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1981 DRILLING PROGRAM

Gentlemen:

By letter dated November 27, 1979, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-6 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1980. This Program provided for the drilling of twelve (12) Mesaverde Infill Wells, two (2) of said wells have been completed and the other ten (10) of said wells are currently being drilled.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged and Abandoned
Mesaverde, Commercial
Mesaverde, being drilled
Mesaverde, Non-Commercial
Mesaverde, Plugged and Abandoned
Temporarily Abandoned
Mesaverde/Dakota Dual (DK Non-Commercial)

1
125
10
1
6
1
1
145

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing

for the drilling of the following Mesaverde wells during the calendar year 1981:

<u>Well No.</u>	<u>Location</u>
84A	W/2 of Section 11, T-30-N, R-7-W
73A	W/2 of Section 22, T-30-N, R-7-W
38A	W/2 of Section 27, T-30-N, R-7-W
94A	W/2 of Section 28, T-30-N, R-7-W

Well No. 73A is located one-half (1/2) within the San Juan 30-6 Unit and one-half (1/2) within the Northeast Blanco Unit. This well can only be drilled with the approval of the Northeast Blanco Unit and T. H. McElvain Oil & Gas Properties, who own 40 acres in the drilling block not committed to the Northeast Blanco Unit.

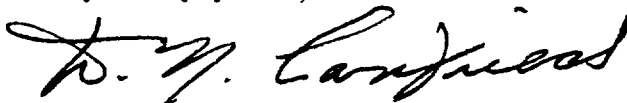
All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



D. N. Canfield
Attorney-in-Fact

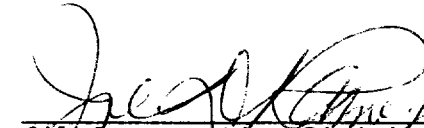
DNC:TFH:pw
Attachments
SJ 30-6 Unit 3.0

APPROVED: _____
Area Oil and Gas Supervisor
United States Geological Survey
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
United States Geological Survey
& the Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
United States Geological Survey
& the Commissioner of Public Lands)

DATED: 12/8/80

The foregoing approvals are for the 1981 Drilling Program for the San Juan 30-6
Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Conoco, Inc.

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Catherine M. Harvey

Tom Home, Executor of the
Estate of Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Company (2)

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond,
Individually and as Trustee

Reserve Oil & Gas Company

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile National Bank
at Dallas, Texas, Trustees of
the Mary Frances Turner, Jr. Trust

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

March 11, 1980

Area Oil & Gas Supervisor
United States Geological Survey
P. O. Box 26124
Albuquerque, New Mexico 87125

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State Of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

The 1980 Drilling Program for the below listed units were approved by the regulatory bodies on the dates indicated:

<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
San Juan 27-5	2-01-80	1-21-80	2-21-80
San Juan 28-7	2-29-80	11-30-79	1-07-80
San Juan 30-6	2-01-80	12-05-79	1-07-80
San Juan 32-9	2-04-80	12-05-79	1-07-80
Rincon	3-07-80	12-05-79	1-07-80

Copies of this letter are being sent to the working interest owners of the above units.

Very truly yours,

RH Nordhausen

R. H. Nordhausen
Senior Landman
Land Department
Energy Resource Development

RHN:en

SJ 27-5, 3.0; SJ 28-7, 3.0;
SJ 30-6, 3.0; SJ 32-9, 3.0;
Rincon, 3.0

500 }
405 } CCM 1/17
493 ✓
448
299



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

FEF 6 - 1980

493

El Paso Natural Gas Company
Attention: Mr. D.N. Canfield
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

The 1980 plan of development submitted for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes the drilling of ten Mesaverde wells and three approved copies are enclosed.

Sincerely yours,

JAMES A. GUTHRIE

Area Oil and Gas Supervisor, SRMA

Enclosure

cc: NMOCD, Santa Fe/(1tr only)



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 7, 1980

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 493
San Juan 30-6 Unit
1980 Drilling Program

Gentlemen:

We hereby approve the 1980 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

Yours very truly,

JOE D. RAMEY
Director

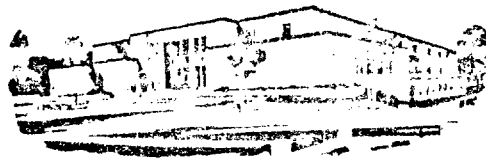
JDR/EP/fd
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cc: U.S.G.S. - Roswell
Commissioner of Public Lands

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands
December 5, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

493

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1980 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such program provides for the drilling of wells No. 88A, 53A, 51A, 57A, 58A, 14A, 91A, 101A, 87A, and 86A. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505-827-2748

AJA/RDG/s
encl.
cc:

OCD-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

El Paso NATURAL GAS
COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

November 27, 1979

Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1980 DRILLING PROGRAM

Gentlemen:

By letter dated January 4, 1979, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-6 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1979. This Program provided for the drilling of twenty-one (21) Mesaverde Infill Wells, all of which have been drilled; sixteen (16) of said wells have been completed and tested; the other five (5) of said wells are waiting to be completed.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	118
Mesaverde, Waiting on completion	5
Mesaverde, Non-Commercial	1
Mesaverde, Plugged and Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota Dual (DK Non-Commercial)	1
	133

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following Mesaverde wells during the calendar year 1980.

<u>Well No.</u>	<u>Drilling Block</u>
88A	W/2 Sec. 7, T-30-N, R-6-W
53A	W/2 Sec. 29, T-30-N, R-6-W
51A	E/2 Sec. 30, T-30-N, R-6-W
57A	W/2 Sec. 30, T-30-N, R-6-W
58A	W/2 Sec. 31, T-30-N, R-6-W
14A	W/2 Sec. 32, T-30-N, R-6-W
91A	E/2 Sec. 28, T-30-N, R-7-W
101A	E/2 Sec. 35, T-30-N, R-7-W
87A	W/2 Sec. 36, T-30-N, R-7-W
86A	E/2 Sec. 36, T-30-N, R-7-W

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners, believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By: 
Attorney-in-fact

DNC:RHN:pw
Attachments
San Juan 30-6 Unit 3.0

APPROVED: _____ DATE: _____

Regional Oil & Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division

APPROVED: _____ DATE: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Division

APPROVED: _____ DATE: 1/7/80


Oil Conservation Division
Subject to like approval by the
United States Geological Survey
and the Commissioner of Public Lands

The foregoing approvals for the 1980 Drilling Program for the San Juan 30-6
Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

CRA International, Ltd.

Elizabeth Jeanne Turner Calloway

W. P. Carr, Individually and as Trustee

Conoco, Inc.

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Catherine Harvey

Tom Home, Executor of the

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond

Reserve Oil & Gas Company

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

John Lee Turner

Mr. Paul H. Umbach

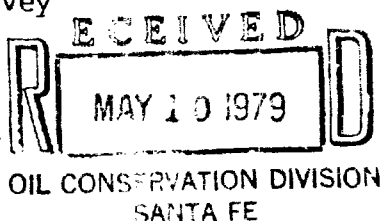
Helen Ulmer Van Atta

The Wiser Oil Company

May 7, 1979

Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501



Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538,
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that eight (8) additional wells capable of producing unitized substances from the Mesaverde Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 30-6 Unit No. 4A Well, located 1480' from the South line and 1240' from the East line of Section 35, Township 30 North, Range 6 West, N.M.P.M., was spudded on October 9, 1978 and completed on January 2, 1979, at a plugged back total depth of 6077'. The Mesaverde Formation at the intervals of 5320', 5333', 5352', 5358', 5418', 5465' and 5487' was treated with a sand-water fracturing process on December 19, 1978. The well was shut-in on December 23, 1978, and after being shut-in for ten days, the Mesaverde Formation was tested on January 2, 1979, using the Pitot tube method with an after frac gauge of 1120 MCF/D, with an SIPC of 493 psia and an SIPT of 234 psia. The spacing unit for this well is described as the E/2 of Section 35, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit No. 7A Well, located 1730' from the North line and 790' from the West line of Section 30, Township 30 North, Range 7 West, N.M.P.M., was spudded on July 5, 1978 and completed on October 3, 1978, at a plugged back total depth of 5708'. The Mesaverde Formation at the intervals of 4642', 4855', 4862', 4868', 4915', 4923', 4930', 4937', 4944', 4990', 4997', 5097', 5104', 5135', 5143', 5177', 5300', 5307', 5324', 5332', 5340', 5348', 5356', 5364', 5372', 5380', 5388', 5396', 5413', 5447', 5486', 5522', 5548', 5578', 5594', 5628', 5658' and 5702' was treated with a sand-water fracturing process on September 23, 1978. The well was shut-in on September 26, 1978, and after being shut-in for seven days, the Mesaverde Formation was tested on October 3, 1978, using the Pitot tube method with an after free gauge of 4400 MCF/D, with an SIPC of 714 psia and an SIPT of 714 psia. The spacing unit for this well is described as the W/2 of Section 30, Township 30 North, Range 7 West, N.M.P.M., containing 209.36 acres.

The San Juan 30-6 Unit No. 8A Well, located 640' from the North line and 800' from the West line of Section 31, Township 30 North, Range 7 West, N.M.P.M., was spudded on July 17, 1978 and completed on July 31, 1978, at a plugged back total depth of 3849'. The Mesaverde Formation at the intervals of 3829', 3830', 3831', 3832', 3833', 3834', 3835', 3836', 3837', 3838', 3839', 3840', 3841', 3842', 3843', 3844', 3845', 3846', 3847', 3848' and 3849', but was not treated with any fracturing process. The well was shut-in on July 29, 1978, and after being shut-in for one day, was tied into the pipeline. After a 45 day flow period into the pipeline, absolute open flow was calculated from flow pressure and meter readings to be 15,756 MCF/D, with flowing pressure of 542 psia and an SIPT of 627 psia. The spacing unit for this well is described as the W/1 of Section 31, Township 30 North, Range 7 West, N.M.P.M., containing 211.32 acres.

The San Juan 30-6 Unit No. 13A Well, located 1480' from the South line and 1760' from the East line of Section 32, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 10, 1978 and completed on January 16, and at a plugged back total depth of 5692'.

The Mesaverde Formation at the intervals of 5187', 5231', 5240', 5250', 5255', 5260', 5277', 5335', 5340', 5344', 5348', 5352', 5539', 5548', 5584', 5594', 5602', 5610', 5634', 5638', 5642', 5646', 5652', 5655', 5658', 5666', 5670', 5676', 5689', 5692', 5756', 5777', 5804', 5857' and 5877' was treated with a sand-water fracturing process on January 6, 1979. The well was shut-in on January 9, 1979, and after being shut-in for seven days, the Mesaverde Formation was tested on January 16, 1979, using the Pitot tube method with an after frac gauge of 2167 MCF/D, with an SIPC of 722 psia and an SIPT of 230 psia. The spacing unit for this well is described as the E/2 of Section 32, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit No. 28A Well, located 1810' from the South line and 1750' from the East line of Section 33, Township 30 North, Range 6 West, N.M.P.M., was spudded on September 21, 1978 and completed on January 15, 1979, at a plugged back total depth of 5911'. The Mesaverde Formation at the intervals of 5132', 5137', 5142', 5146', 5150', 5153', 5231', 5235', 5239', 5249', 5253', 5257', 5493', 5498', 5503', 5529', 5534', 5538', 5542', 5546', 5550', 5560', 5570', 5589', 5620', 5656', 5665', 5688', 5694', 5707', 5743', 5775', 5828', 5834', 5840', 5856' and 5911' was treated with a sand-water fracturing process on January 2, 1979. The well was shut-in on January 5, 1979, and after being shut-in for ten days, the Mesaverde Formation was tested on January 15, 1979, using the Pitot tube method with an after frac gauge of 1295 MCF/D, with an SIPC of 511 psia and an SIPT of 217 psia. The spacing unit for this well is described as the E/2 of Section 33, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit No. 56A Well, located 800' from the South line and 900' from the East line of Section 34 Township 30 North, Range 6 West, N.M.P.M., was spudded on September 30, 1978 and completed on January 9, 1979, at a plugged back total depth of 6045'. The Mesaverde Formation at the intervals of 5228', 5230', 5238', 5242', 5248', 5252', 5256', 5260', 5266', 5305', 5330', 5334', 5365', 5372', 5562', 5568', 5574', 5602', 5605', 5616', 5620', 5637', 5642', 5650', 5654', 5664', 5674', 5700',

5798', 5814', 5964' and 6045' was treated with a sand-water fracturing process on December 29, 1978. The well was shut-in on January 14, 1979, and after being shut-in for nine days, the Mesaverde Formation was tested on January 23, 1979, using the Pitot tube method with an after frac gauge of 1295 MCF/D, with an SIPC of 445 psia and an SIPT of 562 psia. The spacing unit for this well is described as the E/2 of Section 34, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit No. 89A Well, located 800' from the South line and 940' from the East line of Section 34, Township 30 North, Range 6 West, N.M.P.M., was spudded on October 19, 1978 and completed on January 25, 1979, at a plugged back total depth of 6289'. The Mesaverde Formation at the intervals of 5862', 5868', 5874', 5880', 5886', 5892', 5898', 5911', 5923', 5936', 5941', 5960', 5966', 5990', 6007', 6051', 6095', 6118', 6158', 6215' and 6289' was treated with a sand-water fracturing process on January 14, 1979. The well was shut-in on January 17, 1979, and after being shut-in for eight days, the Mesaverde Formation was tested on January 25, 1979, using the Pitot tube method with an after frac gauge of 372 MCF/D, with an SIPC of 450 psia and an SIPT of 243 psia. The spacing unit for this well is described as the E/2 of Section 36, Township 30 North, Range 6 West, N.M.P.M., containing 230.24 acres.

The San Juan 30-6 Unit No. 95A Well, located 790' from the North line and 790' from the West line of Section 26, Township 30 North, Range 7 West, N.M.P.M., was spudded on August 31, 1978 and completed on January 24, 1979, at a plugged back total depth of 5842'. The Mesaverde formation at the intervals of 4999', 5023', 5041', 5045', 5050', 5055', 5066', 5071', 5076', 5133', 5138', 5143', 5148', 5177', 5274', 5304', 5309', 5314', 5409', 5415', 5420', 5436', 5440', 5444', 5448', 5493', 5498', 5504', 5509', 5514', 5519', 5523', 5579', 5605', 5611', 5650', 5669', 5705', 5742', 5786' and 5842' was treated with a sand-water fracturing process on January 11, 1979. The well was shut-in on January 13, 1979, and after being shut-in for eleven days, the Mesaverde Formation was tested on January 24, 1979, using the Pitot tube method

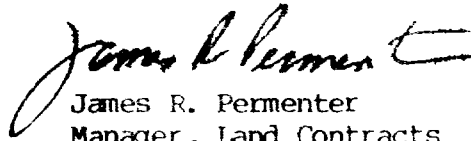
Regional Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
May 7, 1979
Page 5

with an after frac gauge of 2359 MCF/D, with an SIPC of 647 psia and an SIPT of 374 psia. The spacing unit for this well is described as the W/2 of Section 26, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

All eight (8) of the drilling blocks for the above-described wells are included within the existing San Juan 30-6 Unit Mesaverde Participating Area; therefore, the Mesaverde Participating Area is not enlarged by these wells.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



James R. Permenter
Manager, Land Contracts
and Titles
Land Department
Energy Resource Development

JRP:RHN:pw
San Juan 30-6, 4.2.1

cc: Mr. Antonio Martinez

SAN JUAN 30-6 UNIT
Mesaverde Participating Area
Working Interest Owners

Atlantic Richfield Company

James Allison Cozby

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Crown Central Petroleum Corporation

Mr. Thomas H. Harrington

Matagorda Oil Company
c/o Texas National Bank of Commerce

T. H. McElvain Oil and Gas Properties

Mesa Petroleum Co.

M. M. Miller, Individually and as Trustee
and James M. Raymond

Mr. Robert Mosbacher

FWG Partnership

Southland Royalty Company

The Wiser Oil Company

EL PASO NATURAL GAS
COMPANY

EL PASO
NATURAL GAS
COMPANY

January 23, 1979

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

The 1979 Drilling Program for the below listed units were approved by the regulatory bodies on the dates indicated:

	<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
540	San Juan 27-5	1-17-79	1-10-79	1-11-79
553	San Juan 28-5	1-17-79	N/A	1-11-79
445	San Juan 28-7	1-17-79	1-10-79	1-11-79
✓493	San Juan 30-6	1-17-79	1-10-79	1-11-79
498	San Juan 32-9	1-17-79	1-10-79	1-16-79
541	Canyon Largo	1-17-79	1-10-79	1-11-79
549	Rincon	1-17-79	1-10-79	1-11-79

Copies of this letter are being sent to the working interest owners of the above units.

Very truly yours,

RH Nordhausen

R. H. Nordhausen
Senior Landman
Land Department
Energy Resource Development

RHN:pw
SJ 27-5, 3.0; SJ 28-5, 3.0; SJ 28-7, 3.0;
SJ 30-6, 3.0; SJ 32-9, 3.0; Canyon Largo, 3.0;
Rincon, 3.0
Attachment

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Continental Oil Company

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Cathrine Harvey

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company
c/o Texas National Bank of Commerce

Mrs. Catherine B. McElvain

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Co.

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond

Reserve Oil & Gas Company

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

Phillips Petroleum Company

PWG Partnership



United States Department of the Interior

GEOLOGICAL SURVEY
P. O. Box 26124
Albuquerque, New Mexico 87125

JAN 17 1979

El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P. O. Box 1492
El Paso, Texas 79978

No. 493

Gentlemen:

Three approved copies of your 1979 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing the drilling of 21 Mesaverde wells was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(OR G SCD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SR1A

Enclosures (3)

cc:

NMOCD, Santa Fe (1tr. only)

Com. Pub. Lands, Santa Fe (1tr. only)

this copy to

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 11, 1979

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 493
San Juan 30-6 Unit
1979 Drilling Program

Gentlemen:

We hereby approve the 1979 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

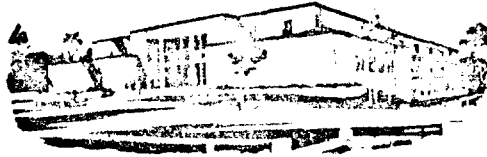
Yours very truly,

JOE D. RAMEY
Director

JDR/LT/fd
enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

State of New Mexico



Commissioner of Public Lands

January 10, 1979

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Mc. 493

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1979 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Such plan provides for the drilling of 21 Mesaverde wells. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

AJA/RDG/s
encl.
cc:

OCD-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

January 4, 1979

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

*Approved
No. 493*

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1979 DRILLING PROGRAM

Gentlemen:

By letter dated January 11, 1978, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-6 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1978. This Program provided for the drilling of eight Mesaverde Infill Wells, all of which have been drilled; Wells #4A, 7A, 8A and 56A have been completed and tested; Wells #13A, 28A, 89A and 95A are waiting to be completed.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	98
Mesaverde, Waiting on Completion	4
Mesaverde, Non-Commercial	1
Mesaverde, Plugged & Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota Dual (DK Non-Commercial)	1
	<u>112</u>

January 4, 1979

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following Mesaverde wells during the calendar year 1979:

<u>Well No.</u>	<u>Location</u>
32A	E/2 Section 7, T-30-N, R-6-W
45A	E/2 Section 15, T-30-N, R-6-W
24A	E/2 Section 16, T-30-N, R-6-W
81A	E/2 Section 17, T-30-N, R-6-W
18A	E/2 Section 18, T-30-N, R-6-W
26A	W/2 Section 19, T-30-N, R-6-W
54A	E/2 Section 21, T-30-N, R-6-W
49A	E/2 Section 27, T-30-N, R-6-W
59A	E/2 Section 28, T-30-N, R-6-W
60A	E/2 Section 31, T-30-N, R-6-W
70A	W/2 Section 12, T-30-N, R-7-W
65A	W/2 Section 13, T-30-N, R-7-W
66A	W/2 Section 14, T-30-N, R-7-W
63A	W/2 Section 15, T-30-N, R-7-W
72A	E/2 Section 22, T-30-N, R-7-W
78A	E/2 Section 25, T-30-N, R-7-W
15A	S/2 Section 29, T-30-N, R-7-W
9A	E/2 Section 30, T-30-N, R-7-W
99A	W/2 Section 34, T-30-N, R-7-W
98A	E/2 Section 34, T-30-N, R-7-W
100A	W/2 Section 35, T-30-N, R-7-W

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners, believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,



D. N. Canfield
Director of Land
Energy Resource Development

DNC:RHN:pw
Attachments
San Juan 30-6 Unit, 3.0

APPROVED:

Regional Oil & Gas Supervisor
United States Geological Survey
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission)

DATED: _____

APPROVED:

Commissioner of Public Lands
(Subject to like approval by the
United States Geological Survey
& the Oil Conservation Commission)

DATED: _____

APPROVED:


Oil Conservation Commission
(Subject to like approval by the
United States Geological Survey
& the Commissioner of Public Lands)

DATED: 1/11/79

The foregoing approvals are for the 1979 Drilling Program for the San Juan 30-6
Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Continental Oil Company

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Cathrine Harvey

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company
c/o Texas National Bank of Commerce

Mrs. Catherine B. McElvain

T. H. McElvain, Jr.

T. H. McElvain Oil and Gas Prop.

Mesa Petroleum Co.

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Mr. James M. Raymond

Reserve Oil & Gas Company

Mr. W. H. Sloan

Southland Royalty Company

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

El Paso NATURAL GAS
COMPANY

P.O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

April 20, 1978

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

No. 493

Gentlemen:

The 1978 Drilling Programs for the below listed units were approved by the regulatory bodies on the dates indicated:

<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
San Juan 28-5	2-3-78	N/A	1-26-78
San Juan 28-7	2-3-78	1-25-78	1-26-78
San Juan 29-7	3-6-78	1-19-78	1-17-78
San Juan 30-6	1-27-78	1-19-78	1-17-78
San Juan 32-9	1-27-78	1-19-78	2-8-78
Canyon Largo	3-6-78	1-19-78	1-17-78
Rincon	1-31-78	1-19-78	1-16-78

Copies of this letter are being sent to the working interest owners of the above units.

Very truly yours,

RH Nordhausen

R. H. Nordhausen
Senior Landman
Land Department
Energy Resource Development

RHN:paw

SJ 28-5, 3.0; SJ 28-7, 3.0; SJ 29-7, 3.0;
SJ 30-6, 3.0; SJ 32-9, 3.0; Canyon Largo 3.0;
Rincon, 3.0

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

Aztec Oil & Gas Company

CRA International, Ltd.

W. P. Carr

Continental Oil Company

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Reserve Oil & Gas Company

Mr. W. H. Sloan

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

481 64 1076

El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P. O. Box 1492
El Paso, Texas 79778

700 493

Gentlemen:

Three approved copies of your 1978 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing the drilling of eight Mesaverde wells was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

WILLIAM L. HARRIS, Director

Enclosures

cc: NMOCC, Santa Fe (ltr only) for information

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

January 19, 1978

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1978 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

No. 493

Gentlemen:

The Commissioner of Public Lands has this date approved your 1978 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico. Your plan calls for the drilling of eight Mesaverde wells during 1978. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PR/L/ADG/s
encls.
cc:

OCC-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

RECEIVED
JAN 20 1978
Oil Conservation Commission

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 17, 1978

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 493
San Juan 30-6 Unit
1978 Drilling Program

Gentlemen:

We hereby approve the 1978 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/LT/fd
enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

January 11, 1978

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

No. 475
Off. 11

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1978 DRILLING PROGRAM

Gentlemen:

By letter dated February 25, 1977, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-6 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1977. This Program provided for the drilling of no wells and none were drilled.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged & Abandoned	1
Mesaverde, Commercial	94
Mesaverde, Non-Commercial	1
Mesaverde, Plugged & Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota Dual (DK Non-Commercial)	1
	<u>104</u>

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following Mesaverde wells during the calendar year 1978:

January 11, 1978

<u>Well No.</u>	<u>Location</u>
4A	E/2 Sec. 35, T-30-N, R-6-W
7A	W/2 Sec. 30, T-30-N, R-7-W
8A	W/2 Sec. 31, T-30-N, R-7-W
13A	E/2 Sec. 32, T-30-N, R-6-W
28A	E/2 Sec. 33, T-30-N, R-6-W
56A	E/2 Sec. 34, T-30-N, R-6-W
89A	E/2 Sec. 36, T-30-N, R-6-W
95A	W/2 Sec. 26, T-30-N, R-7-W

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners, believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



D. N. Canfield
Director of Land
Energy Resource Development

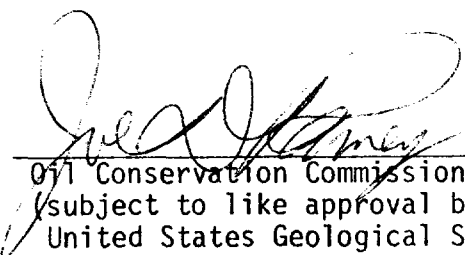
DNC:RHN:sas
Attachments
San Juan 30-6 Unit, 3.0

APPROVED: _____
Regional Oil & Gas Supervisor
United States Geological Survey
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(subject to like approval by the
United States Geological Survey
& the Oil Conservation Commission)

DATED: _____

APPROVED:  _____
Oil Conservation Commission
(subject to like approval by the
United States Geological Survey
& the Commissioner of Public Lands)

DATED: 1/19/78

The foregoing approvals are for the 1978 Drilling Program for the
San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
WORKING INTEREST OWNERS

Mr. J. R. Abraham	Southland Royalty Company
Amoco Production Company	Tenneco Oil Company
Atlantic Richfield Company	Mr. J. Glenn Turner
CRA International, Ltd.	Mr. Paul H. Umbach
W. P. Carr, Individually and as Trustee	Helen Ulmer Van Atta
Continental Oil Company	The Wiser Oil Company
Crown Central Petroleum Corporation	
General American Oil Company of Texas	
Mr. Thomas H. Harrington	
Ina Belle Hightower	
Mr. Barron Kidd	
Koch Industries, Inc.	
Matagorda Oil Company	
c/o Texas National Bank of Commerce	
Mrs. Catherine B. McElvain	
Individually and as Executrix of the	
Estate of T.H. McElvain, Deceased	
Mesa Petroleum Co.	
Mabelle M. Miller	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	
Northwest Pipeline Corporation	
Phillips Petroleum Company	
PWG Partnership	
Reserve Oil & Gas Company	
Mr. W. H. Sloan	

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 30, 1977

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1977 Drilling Program
San Juan 30-6 Unit,
Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1977 providing for the drilling of no wells for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: U. S. Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
Western Bank Building
505 Marquette, NW, Room 815
Albuquerque, New Mexico 87102

MAR 15 1977

El Paso Natural Gas Company
Attention: Mr. D. M. Canfield
P.O. Box 1492
El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1977 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing the drilling of no additional wells was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

Area Oil and Gas Supervisor

Enclosure

cc:

NMOCC, Santa Fe (1tr. only)
Com. Pub. Lands, Santa Fe (1tr. only)

February 25, 1977

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1977 DRILLING PROGRAM

Gentlemen:

By letter dated December 19, 1975, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-6 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1976. This Program provided for the drilling of no wells and none were drilled.

As of this date, the total number of wells in the San Juan 30-6 Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	94
Mesaverde, Non-commercial	1
Mesaverde, Plugged and Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota, Dual (Dakota, Non-commercial)	1
	<u>104</u>

Regional Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year 1977.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

A handwritten signature in cursive script, reading "D. N. Canfield".

D. N. Canfield
Director of Land
Energy Resource Development

DNC/DW/mb

Attachments

San Juan 30-6 Unit, 3.0

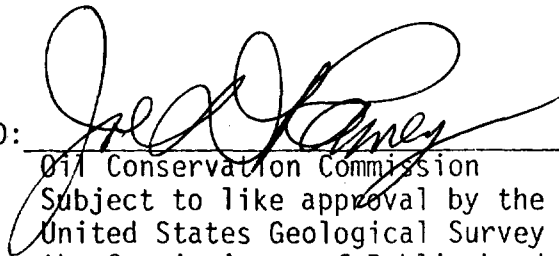
APPROVED: _____ DATE: _____

Regional Oil & Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED: _____ DATE: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

APPROVED: _____



Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: March 30, 1977

The foregoing approvals are for the 1977 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

Aztec Oil & Gas Company

CRA International, Ltd.

W. P. Carr

Continental Oil Company

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Reserve Oil & Gas Company

Mr. W. H. Sloan

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company



United States Department of the Interior

GEOLOGICAL SURVEY

Western Bank Bldg., Room 815
505 Parquette, NW
Albuquerque, New Mexico 87102

December 29, 1976

El Paso Natural Gas Company
Attention: Mr. Don Wadsworth
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

Your 1976 Plan of Development and Operation for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, was received in this office on December 29, 1976. Such plan provided no additional development during the year. Our letter of May 28, 1976, requested justification for no additional development and several joint conversations and conferences followed during the balance of the year with no definitive conclusion.

Authority for continuation of operations within the unitized area is derived from an approved Plan of Development and Operations, pursuant to Section 10 of the unit agreement. Accordingly, this office hereby accepts your 1976 Plan for record purposes. As stated previously, the plan is considered less than adequate inasmuch as there appears to be one or more participating areas which are not fully developed within the unitized area and no tangible justification is provided for the absence of additional development drilling in those areas.

You are requested to submit a 1977 Plan of Development and Operation for the San Juan 30-5 unit within 60 days of the receipt of this letter. Such plan, in order to receive favorable consideration by this office, must contain a firm commitment for additional development drilling absent tangible documentation of full development of the unitized area.

Sincerely yours,

Orig. Signed - JAMES W. SUTHERLAND

JAMES W. SUTHERLAND
Area Oil and Gas Supervisor

cc: Durango (w/cy plan) *This copy to Area*
RMOCC, Santa Fe
Com. Pub. Lands, Santa Fe

JAGILLHAM:lm:122976

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 8, 1976

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1976 Drilling Program,
San Juan 30-6 Unit,
Rio Arriba County,
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1976 providing for the drilling of no wells for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the program are returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico



PHIL R. LUCERO
COMMISSIONER

State of New Mexico



Commissioner of Public Lands

January 6, 1976

TELEPHONE
505-827-2748

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
1976 DRILLING PROGRAM
Rio Arriba County, New Mexico

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1976 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells during 1976. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

In the future please submit Three (3) copies of your Plan of Development to this office. We shall retain two copies and return one approved copy to you.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/s
encl.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

December 19, 1975

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1976 DRILLING PROGRAM

Gentlemen:

By letter dated November 20, 1974, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1975. Said program provided for the drilling of no wells during the 1975 calendar year.

As of this date, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged & Abandoned	1
Mesaverde, Commercial	94
Mesaverde, Non-commercial	1
Mesaverde, Plugged & Abandoned	6
Temporarily Abandoned	1
Mesaverde/Dakota, Dual	1
(Dakota, Non-commercial)	
	<u>104</u>

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of the Drilling Program for the calendar year 1976 providing for the drilling of no wells during the year.

All working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of these working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

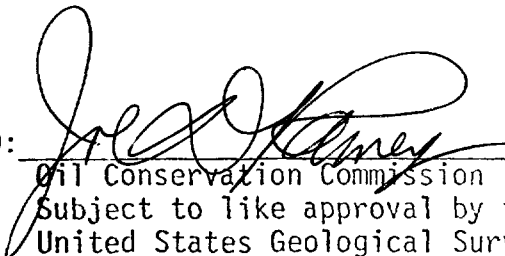


D. N. Canfield
Director of Land
Energy Resource Development

DNC:DW:sas
Attachments
San Juan 30-6, 3.0

APPROVED: _____ DATE: _____
Regional Oil & Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED: _____ DATE: _____
Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

APPROVED:  _____ DATE: January 8, 1976
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

The foregoing approvals are for the 1976 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company

Atlantic Richfield Company

Aztec Oil & Gas Company

CRA International, Ltd.

W. P. Carr

Continental Oil Company

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Moshbacher

Northwest Pipeline Corporation

Phillips Petroleum Company

PIG Partnership

Reserve Oil & Gas Company

Mr. W. H. Sloan

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79901

March 21, 1975

473

Regional Oil & Gas Supervision
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: 1975 Drilling Programs

Gentlemen:

The 1975 Drilling Programs for the listed units were approved by the regulatory bodies on the dates indicated.

APPROVAL

<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
San Juan 27-4	12-2-74	N/A	12-5-74
San Juan 28-4	12-2-74	N/A	12-5-74
San Juan 29-4	12-18-74	N/A	12-4-74
San Juan 29-7	1-6-75	12-3-74	12-5-74
✓ San Juan 30-6	1-6-75	12-3-74	12-5-74
San Juan 32-5	1-6-75	11-1-74	12-5-74
Huerfanito	1-6-75	11-12-74	12-5-74
Huerfano	1-15-75	12-27-74	1-8-75
Lindrith	12-18-74	11-18-74	12-5-74
Rincon	1-6-75	12-3-74	12-5-74

COPY



United States Department of the Interior

GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

January 6, 1975



El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P.O. Box 1492
El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1975 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing the drilling of no wells during the year, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:
NMOCC, Santa Fe (ltr only)
Com. Pub. Lands, Santa Fe (ltr only)
Durango (w/cy plan)

JAGillham:ds

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

December 5, 1974

473

El Paso Natural Gas Company
Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1975 Drilling Program,
San Juan 30-6 Unit,
Rio Arriba County,
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1975 for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

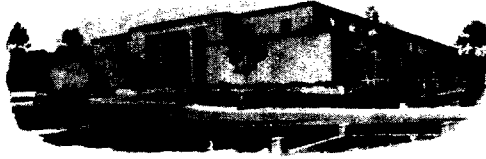
cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Box 185
Roswell, New Mexico

C
O
P
Y

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

December 3, 1974

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

493

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1975 DRILLING PROGRAM

ATTENTION: Mr. D. W. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1975 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells during 1975. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
encl.
cc:

UBCS-Roswell, New Mexico
OCC- Santa Fe, New Mexico ✓

El Paso Natural Gas Company

El Paso, Texas 79978

November 20, 1974

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1975 Drilling Program

Gentlemen:

By letter dated January 28, 1974, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1974. Said program provided for the drilling of no wells during the 1974 calendar year.

As of this date, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged & Abandoned	1
Mesaverde, Commercial	94
Mesaverde, Noncommercial	1
Mesaverde, Plugged & Abandoned	6
Temporarily Abandoned	1
Mesaverde-Dakota, Dual	1
(Dakota, Noncommercial)	

104

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

November 20, 1974

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of the Drilling Program for the calendar year 1975 providing for the drilling of no wells during the year.

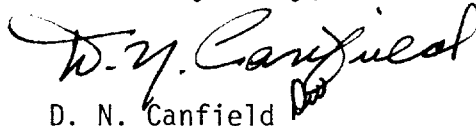
All working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of these working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

A handwritten signature in cursive script, appearing to read "D. N. Canfield".

D. N. Canfield
Director of Land
Energy Resource Development

DNC:DW:km
Attachments
San Juan 30-6, 3.0

APPROVED: _____ DATE: _____

Regional Oil & Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED: _____ DATE: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

APPROVED:  DATE: Dec. 5, 1974

Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

The foregoing approvals are for the 1975 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham	Northwest Pipeline Corporation
Amoco Production Company (3)	PWG Partnership
Atlantic Richfield Company (3)	Phillips Petroleum Company
Aztec Oil & Gas Company	Reserve Oil & Gas Company
CRA International, Ltd.	Mr. W. H. Sloan
W. P. Carr, Ind. and as Trustee	Tenneco Oil Company
Continental Oil Company	Mr. J. Glenn Turner
Crown Central Petroleum Corporation	Mr. Paul H. Umbach
General American Oil Company of Texas	Helen Ulmer Van Atta
Mr. Thomas H. Harrington	The Wiser Oil Company
Ina Belle Hightower	
Mr. Barron Kidd	
Koch Industries, Inc.	
Matagorda Oil Company	
Mrs Catherine B. McElvain, Ind. and as Executrix of the Estate of T. H. McElvain, Deceased	
Mesa Petroleum Company (2)	
Mr. Forrest B. Miller and Mrs. Mabelle M. Miller	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	

El Paso Natural Gas Company

El Paso, Texas 79978

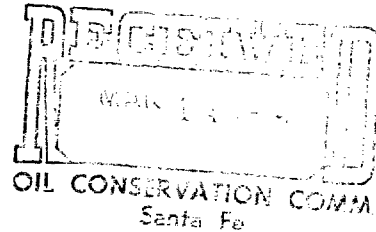
March 8, 1974

475

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501



Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

Gentlemen:

This is to advise that the captioned Drilling Program was approved by the Regulatory Agencies on the following dates:

United States Geological Survey	-	February 19, 1974
Commissioner of Public Lands	-	February 6, 1974
Oil Conservation Commission	-	February 25, 1974

Copies of this letter are being sent to the working interest owners of the San Juan 30-6 Unit.

Yours very truly,

Alan Alexander
Landman
Land Department
Energy Resource Development

AA:mcv
SJ 30-6, 3.0

San Juan 30-6
Working Interest Owners

Mr. J. R. Abraham

Mr. Paul H. Umbach

Amoco Production Company (3)

Helen Ulmer Van Atta

Atlantic Richfield Co. (3)

The Wiser Oil Company

Aztec Oil & Gas Company

CRA International, Ltd.

W. P. Carr, Individually and as Trustee

Continental Oil Company

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain,
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased

Mr. Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Mesa Petroleum Company (2)

Northwest Pipeline Corporation

Phillips Petroleum Company

PWG Partnership

Reserve Oil & Gas Company

Mr. W. H. Sloan

Tenneco Oil Company

Mr. J. Glenn Turner

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 25, 1974

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1974 Drilling Program
San Juan 30-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1974 for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1357
Roswell, New Mexico 88201

February 19, 1974

El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P.O. Box 1492
El Paso, Texas 79978

Gentlemen:

On this date, your 1974 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, in which you propose the drilling of no additional wells and affirm to offset any well that may be required to prevent drainage of unitized substances, was approved. Such approval is subject to like approval by the appropriate officials of the State of New Mexico and three approved copies of the plan are enclosed.

Sincerely yours,

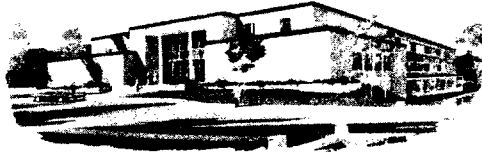
CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:
✓ NMOCC, Santa Fe (ltr only)
Com. Pub. Lands, Santa Fe (ltr only)
Durango (w/cy plan)

JAGillham:ds

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

February 6, 1974

ALEX J. ARMIJO
COMMISSIONER

P. O. Box 9148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1974 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells during 1974. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Division

AJA/RDG/s

encls.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

January 28, 1974

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

Gentlemen:

By letter dated June 20, 1973, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1973. Said program provided for the drilling of no wells during the 1973 calendar year.

As of this date, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged & Abandoned	1
Mesaverde, Commercial	94
Mesaverde, Noncommercial	1
Mesaverde, Plugged & Abandoned	6
Temporarily Abandoned	1
Mesaverde-Dakota, Dual	1
(Dakota, Noncommercial)	
	104

January 28, 1974

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of the Drilling Program for the calendar year 1974 providing for the drilling of no wells during the year.

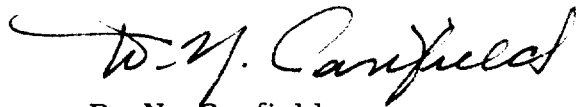
All working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of these working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,



D. N. Canfield
Manager
Land Department
Energy Resource Development

DNC: AA: sv
Attachment
S.J. 30-6, 3.0

APPROVED: _____ DATE: _____
Regional Oil & Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED: _____ DATE: _____
Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

APPROVED:  _____ DATE: February 25, 1974
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

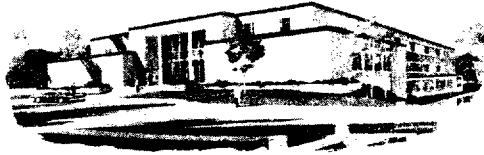
The foregoing approvals are for the 1974 Drilling Program for the San
Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham	Northwest Pipeline Corporation
Amoco Production Company (3)	PWG Partnership
Atlantic Richfield Company (3)	Phillips Petroleum Company
Aztec Oil & Gas Company	Reserve Oil & Gas Company
CRA International, Ltd.	Mr. W. H. Sloan
W. P. Carr, Ind. and as Trustee	Tenneco Oil Company
Continental Oil Company	Mr. J. Glenn Turner
Crown Central Petroleum Corporation	Mr. Paul H. Umbach
General American Oil Company of Texas	Helen Ulmer Van Atta
Mr. Thomas H. Harrington	The Wiser Oil Company
Ina Belle Hightower	
Mr. Barron Kidd	
Koch Industries, Inc.	
Matagorda Oil Company	
Mrs. Catherine B. McElvain, Ind. and as Executrix of the Estate of T. H. McElvain, Deceased	
Mesa Petroleum Company (2)	
Mr. Forrest B. Miller and Mrs. Mabelle M. Miller	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	

State of New Mexico

TELEPHONE
505-827-2741



Commissioner of Public Lands

ALEX J. ARMIJO
COMMISSIONER

June 20, 1973

P. O. Box 1148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79976

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1973 DRILLING PROGRAM

Gentlemen:

The Commissioner of Public Lands has this date approved your 1973 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells during 1973. The United States Geological Survey approved the plan on June 21, 1973.

This approval is subject to final approval by the New Mexico Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a three (\$3.00) Dollar Filing Fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/PDS/s

encls.

cc: USGS-Roswell, New Mexico
OGC-Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 26, 1973

El Paso Natural Gas Company
Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1973 Drilling Program
San Juan 30-6 Unit,
Rio Arriba County,
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1973 for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

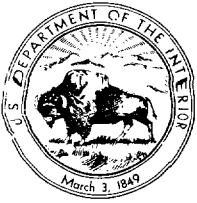
One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1357

Roswell, New Mexico 88201

June 25, 1973

El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P.O. Box 1492
El Paso, Texas 79978

Gentlemen:

Two approved copies of your 1973 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(C)

CARL G. FRAYWICK
Acting Area Oil & Gas Supervisor

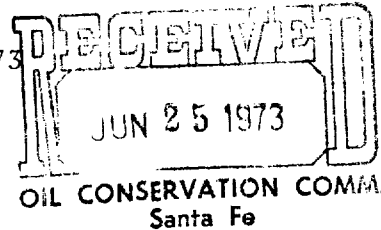
cc:
Denver (w/cy plan)
Durango (w/cy plan)
✓NMOCC, Santa Fe (ltr only)
Com. Pub. Lands, Santa Fe (ltr only)

JA Gillham:ds

El Paso Natural Gas Company

El Paso, Texas 79978

June 20, 1973



Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

~~Oil~~ Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1973 DRILLING PROGRAM

Gentlemen:

By letter dated March 20, 1972, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1972. Said program provided for the drilling of three Mesaverde wells during 1972. The Mesaverde #95-Y and Mesaverde #102-Y wells were timely drilled and completed within the existing Mesaverde Participating Area. The Mesaverde #103 well, which was timely drilled and completed, occasioned the Thirtieth Expansion of the Mesaverde formation, effective October 1, 1972. The #95-Y and #102-Y wells are the replacement wells for the Mesaverde #95 well, which is temporarily abandoned, and the Mesaverde #102 well, which is permanently abandoned.

With the completion of the above-described wells, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	94
Mesaverde, Noncommercial	1
Mesaverde, Plugged and Abandoned	6
Temporarily Abandoned	1
Mesaverde-Dakota, Dual	1
(Dakota, Noncommercial)	

104

June 20, 1973

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of the Drilling Program for the calendar year 1973 providing for the drilling of no wells during the year.

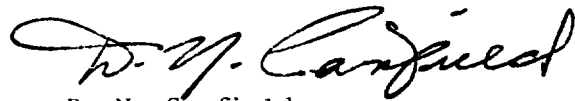
All working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of these working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

A handwritten signature in black ink, appearing to read "D. N. Canfield". The signature is fluid and cursive, with a large, stylized initial "D".

D. N. Canfield
Manager, Land Department
Energy Resource Development

DNC:AEA:dkc
Attachment
S.J. 30-6 3.0

APPROVED: _____

Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

DATE: _____

APPROVED: _____


Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: June 26, 1973

The foregoing approvals are for the 1973 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

W. P. Carr, Ind. and as Trustee

Continental Oil Company

CRA International, Ltd.

Crown Central Petroleum Corp.

General American Oil Company of Texas

Mr. Thomas H. Harrington

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain, Ind.
and as Executrix of the Estate of
T. H. McElvain, Deceased

Mr. Forrest B. Miller and
Mrs. Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Phillips Petroleum Company

Pubco Petroleum Corporation (2)

Reserve Oil & Gas Company

Rincon Oil & Gas Corporation

Mr. W. H. Sloan

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

February 1, 1973

ALEX J. ARMIJO
COMMISSIONER

P. O. Box 1148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
THIRTIETH EXPANDED PARTICIPATING
AREA, Mesaverde Formation, Effective
October 1, 1972

ATTENTION: Mr. James R. Permenter

Gentlemen:

This will acknowledge receipt of your Thirtieth Expanded Participating area, Mesaverde Formation, for the San Juan 30-6 Unit.

Since this needs no official approval, we have this date accepted the expansion and filed it for record purposes.

Enclosed is one copy of the expansion surplus to our need.

Very truly yours,

Jack Pierce, Assistant Director
Oil and Gas Department

AJA/JF/s
encls.
cc:

OCC-Santa Fe, New Mexico
USGS-Roswell, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

January 29, 1973

4/12

Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County New Mexico
THIRTIETH EXPANDED PARTICIPATING
AREA, Mesaverde Formation, Effective
October 1, 1972

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this Unit. The Participating Area for the Mesaverde Formation is expanded accordingly to include this well as follows:

The San Juan 30-6 Unit #103 Well is located 1520' from the North line and 1060' from the East line of Section 25, Township 30 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on August 14, 1972 and completed on August 29, 1972 at a total depth of 6153'. The Mesaverde Formation in the intervals between 5545'-5550', 5561'-5566', 5578'-5588', 5810'-5816', 5826'-5832', 5872'-5878', 5888'-5900', 5914'-5920', 5946'-5952', 5966'-5978', 5998'-6010', 6060'-6072', 6098'-6110' was treated with a sand-water fracturing process on August 29,

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

January 29, 1973

1972. The well was shut-in on August 29, 1972, and after being shut-in for nine (9) days, the well was tested on September 7, 1972, and following a three (3) hour blow-down period gauged 916 MCFGPD through a 3/4" choke, and 1017 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1052 psia and an SIPT of 1043 psia. The committed drilling block upon which this well is located is described as Lots 1, 2, 3, 4, W/2 E/2, (E/2) of Section 25, Township 30 North, Range 6 West, N.M.P.M., and consists of 229.56 acres.

Attached is Schedule XXXI showing the Thirtieth Expanded Participating Area for the Mesaverde Formation of the San Juan 30-6 Unit Area. This describes the Expanded Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Thirtieth Expanded Participating Area will become effective as of October 1, 1972.

Copies of this letter and schedule are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

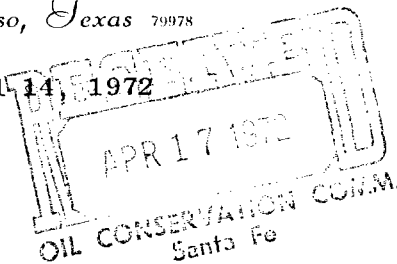
JRP:CTR:dks
Enclosures
S.J. 30-6 Unit, 4.2

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

El Paso Natural Gas Company

El Paso, Texas 79978

April 14, 1972



Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1972 DRILLING PROGRAM

Gentlemen:

The 1972 Drilling Program for the San Juan 30-6 Unit dated March 20, 1972, was approved by the regulatory bodies on the following dates:

United States Geological Survey	-	April 3, 1972
Commissioner of Public Lands	-	March 23, 1972
Oil Conservation Commission	-	March 27, 1972

Copies of this letter are being sent to the working interest owners of the referenced Unit.

Yours very truly,

James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:nja
S.J. 30-6, 3.0



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

RECEIVED
APR 5 1972

April 3, 1972

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Gentlemen:

Your 1972 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, proposing the drilling the three additional Mesaverde wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(CERO SGD.) R. O. FREDERICK

N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Durango (w/cy of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

JWillock:lh

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 27, 1972

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Attention: Mr. D. N. Canfield

Re: 1972 Drilling Program
San Juan 30-6 Unit,
Rio Arriba County, New
Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program providing for the drilling of three Mesaverde wells during the calendar year 1972 for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey
Box 1857
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

RECEIVED
4/15
March 23, 1972

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1972 DRILLING PROGRAM

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1972 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of three Mesaverde wells during 1972. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
encls.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

March 20, 1972

RECEIVED
MAR 23 1972
CONSERVATION COMM.
SANTA FE

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1972 DRILLING PROGRAM

Gentlemen:

By letter dated January 12, 1971, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1971. Said program provided for the drilling of no wells during 1971, however, a Supplemental 1971 Drilling Program was submitted on June 3, 1971, providing for the drilling of one (1) Mesaverde Well in 1971, as a replacement well.

The San Juan 30-6 Unit #83-Y Mesaverde Well was drilled as a replacement for the #83 Well in the existing Mesaverde Participating Area during 1971, but occasioned no additional expansion of the Mesaverde Participating Area.

With the completion of the above-described well, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	91
Mesaverde, Noncommercial	1
Mesaverde, Plugged and Abandoned	5
Temporarily Abandoned	2
Mesaverde-Dakota, Dual	1
(Dakota, Noncommercial)	

101

March 20, 1972

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of the Drilling Program for the calendar year 1972, providing for the drilling of the following described wells:

<u>Location</u>	<u>Formation</u>
1. San Juan 30-6 Unit #95-Y Well W/2 Sec. 26, T-30-N, R-7-W	Mesaverde
2. San Juan 30-6 Unit #102-Y Well E/2 Sec. 22, T-30-N, R-6-W	Mesaverde
3. San Juan 30-6 Unit #103 Well E/2 Sec. 25, T-30-N, R-6-W	Mesaverde

Wells #95-Y and #102-Y are being drilled within the limits of the existing Mesaverde Participating Area as replacements for Mesaverde Wells #95 and #102, respectively, which will be permanently abandoned. Well #103 is to be located on a drilling block not presently within the existing Mesaverde Participating Area in order to extend the limits of such Participating Area.

All working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of these working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,



D. N. Canfield
Manager
Land Department
Energy Resource Development

DNC:CTR:khs
Enclosures
S.J. 30-6 - 3.0

APPROVED: _____

Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

DATE: _____

APPROVED: _____

A. H. Peter J.
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: March 27, 1972

The foregoing approvals are for the 1972 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

W P. Carr, Individually and as Trustee

Continental Oil Company

James A. Cozby, Trustee

CRA International, Ltd.

Crown Central Petroleum Corporation

General American Oil Company of Texas

Mr. Thomas H. Harrington

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Matagorda Oil Company

Mrs. Catherine B. McElvain, Individually
and as Executrix of the Estate of T. H.
McElvain, Deceased

Mr. Forrest B. Miller and
Mrs. Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Phillips Petroleum Company

Pubco Petroleum Corporation (2)

Reserve Oil & Gas Company

Rincon Oil & Gas Corporation

Mr. W. H. Sloan

Tenneco Oil Company

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO:

7A Jul 21 PM 1 18

July 20, 1971

493

El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1971 supplemental plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of one Mesaverte well, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORR)

N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Durango (w/cy of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. Pub. Lands, Santa Fe (ltr. only)

71 JUN 16 PM 1 35

473

June 14, 1971

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1971 SUPPLEMENTAL DRILLING
PROGRAM

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1971 Supplemental Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of one Mesaverde well during 1971. This San Juan #83-Y well will be drilled in the NE/4 of Section 13, Township 30 North, Range 7 West, within the boundaries of the existing Mesaverde Participating Area.

One approved copy of the plan is enclosed.

Please remit a three (\$3.00) Dollar filing fee.

Sincerely yours,

RAY D. GRAHAM, Director
Oil and Gas

AJA/RDG/s
encl. 1

cc: USSS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

ILLEGIBLE

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 10, 1971

C
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. T. W. Bittick

Re: 1971 Supplemental Drilling
Program, San Juan 30-6
Unit, Rio Arriba County,
New Mexico

O
Gentlemen:

P
Y
This is to advise that the New Mexico Oil Conservation Commission has this date approved the Supplemental Drilling Program dated June 3, 1971, providing for the drilling of one Mesaverde well for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell
Commissioner of Public Lands - Santa Fe

El Paso Natural Gas Company

El Paso, Texas 79978

June 3, 1971

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1971 SUPPLEMENTAL DRILLING PROGRAM

Gentlemen:

By letter dated January 12, 1971, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1971, providing for the drilling of no wells during 1971, and you previously approved this Program as submitted.

However, El Paso Natural Gas Company, as Unit Operator and with the concurrence of a majority of the Unit working interest owners, now desires to amend this 1971 Program to provide for the drilling of one (1) Mesaverde well during 1971. This San Juan #83-Y Well will be drilled in the NE/4 of Section 15, T-30-N, R-7-W, N.M.P.M., within the boundaries of the existing Mesaverde Participating Area. The said #83-Y Well will also replace the San Juan 30-6 Unit #83 Mesaverde Well in this E/2 spacing unit, which is to be plugged and abandoned.

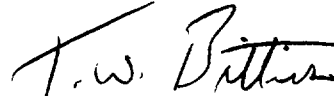
In addition to the #83-Y Well, El Paso Natural Gas Company, as Unit Operator, will drill any offset wells required to prevent drainage of unitized substances, and any other wells deemed necessary or desirable by the Unit Operator or the working interest owners.

Jun 3, 1971

If this 1971 Supplemental Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to this office.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

A handwritten signature in dark ink, appearing to read "T. W. Bittick". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

T. W. Bittick
Director
Lands and Administration
Energy Resource Development

TWB:CTR:khs
San Juan 30-6 Unit - 3.0, 4.2

APPROVED: _____

Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

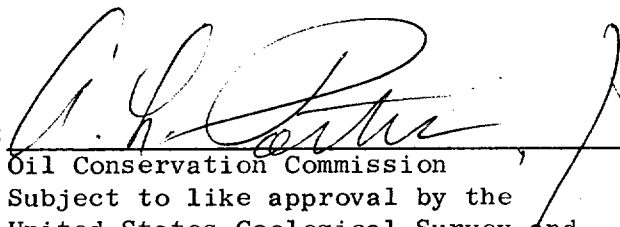
DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

DATE: _____

APPROVED: _____


Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: _____

June 10, 1971

The foregoing approvals are for the 1971 Drilling Program for the San Juan 30-6
Unit #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

W. P. Carr, Individually and as Trustee

Continental Oil Company

CRA International, Ltd.

General American Oil Company of Texas

Mr. Thomas H. Harrington

Mr. Manson Harris, Trustee

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Mrs. Catherine B. McElvain, Individually
and as Executrix of the Estate of T. H.
McElvain, Deceased

Mr. Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Oil & Gas Property Management, Inc.

Phillips Petroleum Company

Pubco Petroleum Corporation (2)

Reserve Oil & Gas Company

Rincon Oil & Gas Corporation

Mr. W. H. Sloan

Sunset International Petroleum Corp.

Tenneco Oil Company

Texas National Bank of Commerce
(Matagorda Oil Company)

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79909

February 12, 1971

473

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: 1971 DRILLING PROGRAMS
San Juan and Rio Arriba
Counties, New Mexico

Gentlemen:

The 1971 Drilling Programs for the following units were approved by the Regulatory Bodies on the dates indicated.

<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
Huerfanito Unit			
I Sec. No. 943	2-5-71	1-13-71	1-14-71
San Juan 30-6 Unit ✓			
#14-08-001-538	2-2-71	1-15-71	1-15-71

Copies of this letter are being sent to the working interest owners of the above described units.

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:CTR:khs
Huerfanito Unit 3.0
San Juan 30-6 Unit 3.0



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

February 2, 1971

IN REPLY REFER TO:

El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1971 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Durango (w/cy of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

January 15, 1971

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

San Juan 30-6 Unit
Rio Arriba County, New Mexico
1971 DRILLING PROGRAM

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1971 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells during 1971. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Please remit a Three (\$3.00) Dollar filing fee.

Sincerely yours,

GORDON G. MARCUM, II, Director
Oil and Gas Department

AJA/GGM/s

encl. 1

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 15, 1971

412

C
O
P
Y
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1971 Drilling Program
San Juan 30-6 Unit,
Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1971 providing for the drilling of no wells during the year for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87501

El Paso Natural Gas Company

El Paso, Texas 79999

January 12, 1971

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1971 DRILLING PROGRAM

Gentlemen:

By letter dated February 18, 1970, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1970. Said program provided for the drilling of three (3) Mesaverde wells by the Unit Operator in the existing Mesaverde Participating Area during the year to replace three (3) previously abandoned wells.

The San Juan 30-6 Unit #4-Y, #49-Y and #65-Y were drilled during 1970, but occasioned no additional Expansion of the Mesaverde Participating Area.

With the completion of the above described wells, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commerical	91
Mesaverde, Noncommercial	1
Mesaverde, Plugged and Abandoned	4
Mesaverde, Temporarily Abandoned	2
Mesaverde-Dakota, Dual	1
(Dakota, Noncommercial)	—

100

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page 2

January 12, 1971

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1971, providing for the drilling of no wells during the year.

All working interest owners have ben contacted, and this Drilling Program relects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,



T. W. Bittick
Director
Lands and Administration
Energy Resource Development

TWB:CTR:lj
Enclosures
San Juan 30-6, 3.0

APPROVED: _____

Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey and
the Oil Conservation Commission

DATE: _____

APPROVED: _____

A. L. Carter
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: *January 15, 1971*

The foregoing approvals are for the 1971 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

W. P. Carr, Individually and as Trustee

Continental Oil Company

General American Oil Company of Texas

Mr. Thomas H. Harrington

Mr. Manson Harris, Trustee

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Mrs. Catherine B. McElvain, Individually
and as Executrix of the Estate of
T. H. McElvain, Deceased

Mr. Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moors

Mr. Robert Mosbacher

Oil & Gas Property Management, Inc.

Pan American Petroleum Corp. (3)

Phillips Petroleum Company

Pubco Petroleum Corporation (2)

Reserve Oil & Gas Company

Rincon Oil & Gas Corporation

Mr. W. H. Sloan

Southern Petroleum Exploration, Inc.

Sunset International Petroleum
Corporation

Tenneco Oil Company

Texas National Bank of Commerce
(Matagorda Oil Company)

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta

15
11
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SEP 1970

El Paso Natural Gas Company

El Paso, Texas 79999

September 25, 1970

4/10

Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538,
Rio Arriba County, New Mexico,
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-6 Unit Agreement, #14-08-001-538, approved April 30, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that three (3) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 30-6 Unit #4-Y Well, located 1600' from the North line and 1600' from the East line of Section 35, Township 30 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on July 17, 1970, and completed on August 1, 1970, in the Mesaverde Formation at a total depth of 6135'. The Mesaverde Formation in the intervals between 5502'-5508', 5520'-5529', 5814-5822', 5866'-5874', 5934'-5942', 5957'-5965', 6025'-6028', 6052'-6060' was treated with

September 25, 1970

a sand-water fracturing process on July 31, 1970. The well was shut-in on August 1, 1970, and after being shut-in for nine (9) days, the well was tested on August 10, 1970, and following a three (3) hour blow-down period gauged 2725 MCFGPD through a 3/4" choke, and 6740 MCFGPD by the calculated absolute open-flow method, with an SIPC of 842 psia and an SIPT of 556 psia. The committed drilling block upon which this well is located is described as the E/2 of Section 35, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #49-Y Well, located 1180' from the North line and 1615' from the East line of Section 27, Township 30 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on August 1, 1970, and completed on August 15, 1970, in the Mesaverde Formation at a total depth of 5930'. The Mesaverde Formation in the intervals between 5302'-5308', 5318'-5324', 5334'-5340', 5626'-5638', 5650'-5656', 5688'-5700', 5734'-5740', 5750'-5762', 5880'-5892' was treated with a sand-water fracturing process on August 14, 1970. The well was shut-in on August 16, 1970, and after being shut-in for eight (8) days, the well was tested on August 24, 1970, and following a three (3) hour blow-down period gauged 2680 MCFGPD through a 3/4" choke, and 5271 MCFGPD by the calculated absolute open-flow method, with an SIPC of 847 psia and an SIPT of 864 psia. The committed drilling block upon which this well is located is described as the E/2 of Section 27, Township 30 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-6 Unit #65-Y Well, located 1750' from the South line and 850' from the West line of Section 13, Township 30 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on August 16, 1970, and completed on August 30, 1970, in the Mesaverde Formation at a total depth of 5705'. The Mesaverde Formation in the intervals between 5068'-5080', 5092'-5098', 5122'-5134', 5420'-5432', 5464'-5476', 5514'-5520', 5540'-5546', 5600'-5606', 5654'-5660' was treated with a sand-water fracturing process on

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
Page Three

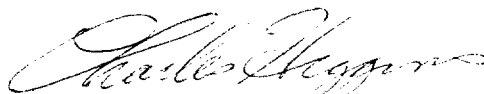
September 25, 1970

August 28, 1970. The well was shut-in on August 31, 1970, and after being shut-in for eight (8) days, the well was tested on September 8, 1970, and following a three (3) hour blow-down period gauged 3542 MCFGPD through a 3/4" choke, and 7586 MCFGPD by the calculated absolute open-flow method, with an SIPC of 869 psia and an SIPT of 477 psia. The committed drilling block upon which this well is located is described as the W/2 of Section 13, Township 30 North, Range 7 West, N.M.P.M., containing 320.00 acres.

All three (3) of the drilling blocks for the above-described wells were included within the San Juan 30-6 Unit Initial Expansion of the Mesaverde Participating Area. Therefore, the Mesaverde Participating Area is not enlarged by these wells, and the percentages allocated to the Tracts shown on Schedule XXX for the Twenty-Ninth Expansion of the Mesaverde Participating Area shall remain the same.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:CTR:nja
S.J. 30-6, 4.2.1

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham	Phillips Petroleum Company
Atlantic Richfield Company (3)	Pubco Petroleum Corp. (2)
Aztec Oil & Gas Company	Reserve Oil & Gas Company
W. P. Carr, Individually and as Trustee	Rincon Oil & Gas Corp.
Continental Oil Company	Mr. W. H. Sloan
CRA International, Ltd.	Southern Petroleum Exploration, Inc.
General American Oil Company of Texas	Sunset International Petroleum Corporation
Mr. Thomas H. Harrington	Tenneco Oil Company
Mr. Manson Harris, Trustee	Texas National Bank of Commerce (Matagorda Oil Co.)
Ina Belle Hightower	Mr. J. Glenn Turner
Mr. Barron Kidd	Mr. Paul H. Umbach
Koch Industries, Inc.	Helen Ulmer Van Atta
Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased	
Mr. Forrest B. Miller and Mabelle M. Miller	
Mr. Morris Mizel	
Mr. Wayne Moore	
Mr. Robert Mosbacher	
Oil & Gas Property Management, Inc.	
Pan American Petroleum Corp. (3)	

El Paso Natural Gas Company

El Paso, Texas 79999

March 9, 1970

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47

Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: 1970 DRILLING PROGRAM
San Juan 30-6 Unit, Rio
Arriba County, New Mexico

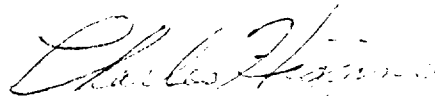
Gentlemen:

The 1970 Drilling Program for the referenced Unit was approved by the Regulatory Bodies on the dates indicated:

United States Geological Survey	March 4, 1970
Commissioner of Public Lands	February 20, 1970
Oil Conservation Commission	February 19, 1970

Copies of this letter are being sent to the working interest owners of the above described Unit.

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:CTR:nja
San Juan 30-6, 3.0

Drawer 1857
Roswell, New Mexico 88201

March 4, 1970

70 MAR 5 PM 1 16

493

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1970 plan of development for the San Juan 30-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Durango (w/cy of plan)
NMOCC, Santa Fe (ltr. only)
Com. of Pub. Lands, Santa Fe (ltr. only)

ILLEGIBLE

MAIN OFFICE 1000

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February 20, 1970

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1970 DRILLING PROGRAM

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1970 Drilling Program for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of three Mesaverde wells replacing wells # 4, #49 and # 65.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Very truly yours,

Ted Bilberry, Director
Oil and Gas Department

TB/ML/s
encl.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

C
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OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 19, 1970

4/5

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1970 Drilling Program
San Juan 30-6 Unit,
Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1970 providing for the drilling of three Mesaverde wells in the San Juan 30-6 Unit Area, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell
Commissioner of Public Lands - Santa Fe

El Paso Natural Gas Company

El Paso, Texas 79999

February 18, 1970

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Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit #14-08-001-538
Rio Arriba County, New Mexico
1970 DRILLING PROGRAM

Gentlemen:

By letter dated January 6, 1969, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1969. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1969.

As of this date, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	89
Mesaverde, Noncommercial	1
Mesaverde, Plugged and Abandoned	2
Mesaverde, Temporarily Abandoned	2
Mesaverde-Dakota, Dual	1
(Dakota, Noncommercial)	—
	96

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page 3

February 18, 1970

Copies of this Drilling Program are being sent to the working
interest owners as shown on the attached sheet.

Yours very truly,



T. W. Bittick
Manager
Land Department

TWB:CTR:sf
Enclosures
San Juan 30-6, 3.0

APPROVED: _____

Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
appropriate State officials.

DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: _____

APPROVED: _____

Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: Feb 19, 1970

The foregoing approvals are for the 1970 Drilling Program for the San Juan 30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6 UNIT
Working Interest Owners

Mr. J. R. Abraham

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

W. P. Carr, Individually and as Trustee

Continental Oil Company

CRA International, Ltd.

General American Oil Company of Texas

Mr. Thomas H. Harrington

Mr. Manson Harris, Trustee

Ina Belle Hightower

Mr. Barron Kidd

Koch Industries, Inc.

Mrs. Catherine B. McElvain, Individually
and as Executrix of the Estate of
T. H. McElvain, Deceased

Mr. Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Mr. Wayne Moore

Mr. Robert Mosbacher

Oil & Gas Property Management, Inc.

Pan American Petroleum Corp. (3)

Phillips Petroleum Company

Pubco Petroleum Corporation (2)

Reserve Oil & Gas Company

Rincon Oil & Gas Corporation

Mr. W. H. Sloan

Southern Petroleum Exploration, Inc.

Sunset International Petroleum Corporation

Tenneco Oil Company

Texas National Bank of Commerce (Matagorda
Oil Company)

Mr. J. Glenn Turner

Mr. Paul H. Umbach

Helen Ulmer Van Atta



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

RECEIVED
FEB 21 4 14 PM '69

475

February 20, 1969

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1969 plan of development for the San Juan 30-6 unit area Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ENC. COPY) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Durango (w/cy of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

ILLEGIBLE

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 23, 1969

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1969 Drilling Program
San Juan 30-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1969 for the San Juan 30-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell

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Y

69 JAN 13 AM 8 04

January 8, 1969

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 30-6 Unit
Rio Arriba County, New Mexico
1969 Drilling Program

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1969 Drilling Program for the San Juan 30-6 Unit. Rio Arriba County, New Mexico, proposing the drilling of no additional wells.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

AJA/TB/ML/s
encl.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

January 6, 1969

69 JAN 8 AM 8 18

Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-6 Unit, #14-08-001-538
Rio Arriba County, New Mexico
1969 DRILLING PROGRAM

Gentlemen:

By letter dated January 5, 1968, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1968. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1968.

As of this date, the total number of wells drilled in the San Juan 30-6 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Plugged and Abandoned	1
Mesaverde, Commercial	90
Mesaverde, Noncommercial	1
Mesaverde, Plugged and Abandoned	1
Mesaverde, Temporarily Abandoned	2
Mesaverde-Dakota, Dual (Dakota, Noncommercial)	$\frac{1}{96}$

Pursuant to Section 10 of the San Juan 30-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1969, providing for the drilling of no wells during the year.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,



T. W. Bittick
Manager
Land Department

TWB:CTR:nja
Attachments

San Juan 30-6 Unit, 3.0

APPROVED: _____

Supervisor, United States Geological Survey,
Subject to like approval by the appropriate
State Officials.

DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: _____

APPROVED: _____

G. H. Porter
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: _____

January 23, 1969

The foregoing approvals are for the 1969 Drilling Program for the San Juan
30-6 Unit, #14-08-001-538, Rio Arriba County, New Mexico.

SAN JUAN 30-6
Working Interest Owners

Mr. J. R. Abraham
5517 Willow Lane
Dallas, Texas 75230

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75230

W. P. Carr, Individually and as
Trustee
6700 Forest Lane
Dallas, Texas 75230

Continental Oil Company
Attention: Mr. W. C. Blackburn
200 North Wolcott
Casper, Wyoming 82601

CRA International, Ltd.
1638 Bank of the Southwest Building
Houston, Texas 77002

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas, Texas 75206

Mr. Manson Harris, Trustee
1201 Corrigan Tower
Dallas, Texas 75201

Ina Belle Hightower
2306 Mercantile Bank Building
Dallas, Texas 75201

Mr. Thomas H. Harrington
P. O. Box 4026, Station "A"
Albuquerque, New Mexico 87106

Mr. Barron Kidd
405 Oak Plaza Building
3787 Rawlins
Dallas, Texas 75201

Oil & Gas Property Management, Inc.
6th Floor, C & I Life Building
Houston, Texas 77002

Mrs. Catherine B. McElvain
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased
Box 2148
Santa Fe, New Mexico 87501

Mr. Morris Mizel
4112 East 11th Street
Tulsa, Oklahoma 74112

Mr. Wayne Moore
403 North Marienfeld
Midland, Texas 79701

Mr. Forrest B. Miller and
Mabelle M. Miller
1224 Lois Street
P. O. Box 1445
Kerrville, Texas 78028

Mr. Robert Mosbacher
21st Floor, Capitol National-Conoco
Building
1300 Main Street
Houston, Texas 77002

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Pan American Petroleum Corp. (3)
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Pubco Petroleum Corporation (2)
Attention: Mr. Ivan E. Kercher
Attention: Mr. Robert C. Youngmun
Post Office Box 869
Albuquerque, New Mexico 87103

Koch Industries, Inc.
P. O. Box 2256
Wichita, Kansas 67201

Reserve Oil & Gas Company
1806 Fidelity Union Tower
Dallas, Texas 75201

Rincon Oil & Gas Corporation
1126 Mercantile Securities Building
Dallas, Texas 75201

Sinclair Oil Corporation (3)
Attention: Mr. S. K. Van Steenberg
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80202

SAN JUAN 30-6
Working Interest Owners

Mr. W. H. Sloan
2306 Mercantile Bank Building
Dallas, Texas 75201

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia 26175

Sunset International Petroleum
Corporation
2400 Fidelity Union Tower
Dallas, Texas 75201

Tenneco Oil Company
Attention: Mr. C. W. Nance
Lincoln Tower Building, Suite 1200
1860 Lincoln Street
Denver, Colorado 80203

Tenneco Oil Company
Attention: Mr. J. P. Wasinger
P. O. Box 2410
Denver, Colorado 80201

Texas National Bank of Commerce
Attention: Oil and Gas Dept.
Box 2558
Houston, Texas 77001

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas 75201

Mr. Paul H. Umbach
Pinestead Flagstaff Road
Boulder, Colorado 80302

Helen Ulmer Van Atta
3801 Gillon
Dallas, Texas 75205

El Paso Natural Gas Company

El Paso, Texas 79999

February 26, 1968

Mr. John A. Anderson
Regional Oil and Gas Supervisor
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: 1968 DRILLING PROGRAMS
Rio Arriba County,
New Mexico

Gentlemen:

The 1968 Drilling Programs for the following Units were approved by the regulatory bodies on the dates indicated:

1. San Juan 29-7 Unit, #14-08-001-1650:

United States Geological Survey	January 22, 1968
Commissioner of Public Lands	January 25, 1968
Oil Conservation Commission	January 26, 1968
2. San Juan 30-5 Unit, #14-08-001-346:

United States Geological Survey	January 18, 1968
Commissioner of Public Lands	January 22, 1968
Oil Conservation Commission	January 28, 1968
3. San Juan 30-6 Unit #14-08-001-538:

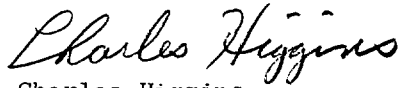
United States Geological Survey	January 22, 1968
Commissioner of Public Lands	January 25, 1968
Oil Conservation Commission	January 25, 1968
4. San Juan 31-6 Unit, #14-08-001-464:

United States Geological Survey	January 19, 1968
Commissioner of Public Lands	January 22, 1968
Oil Conservation Commission	January 25, 1968

Mr. John A. Anderson
Commissioner of Public Lands
Oil Conservation Commission
February 26, 1968
Page 2

Copies of this letter are being sent to the working interest owners of the above described Units.

Yours very truly,



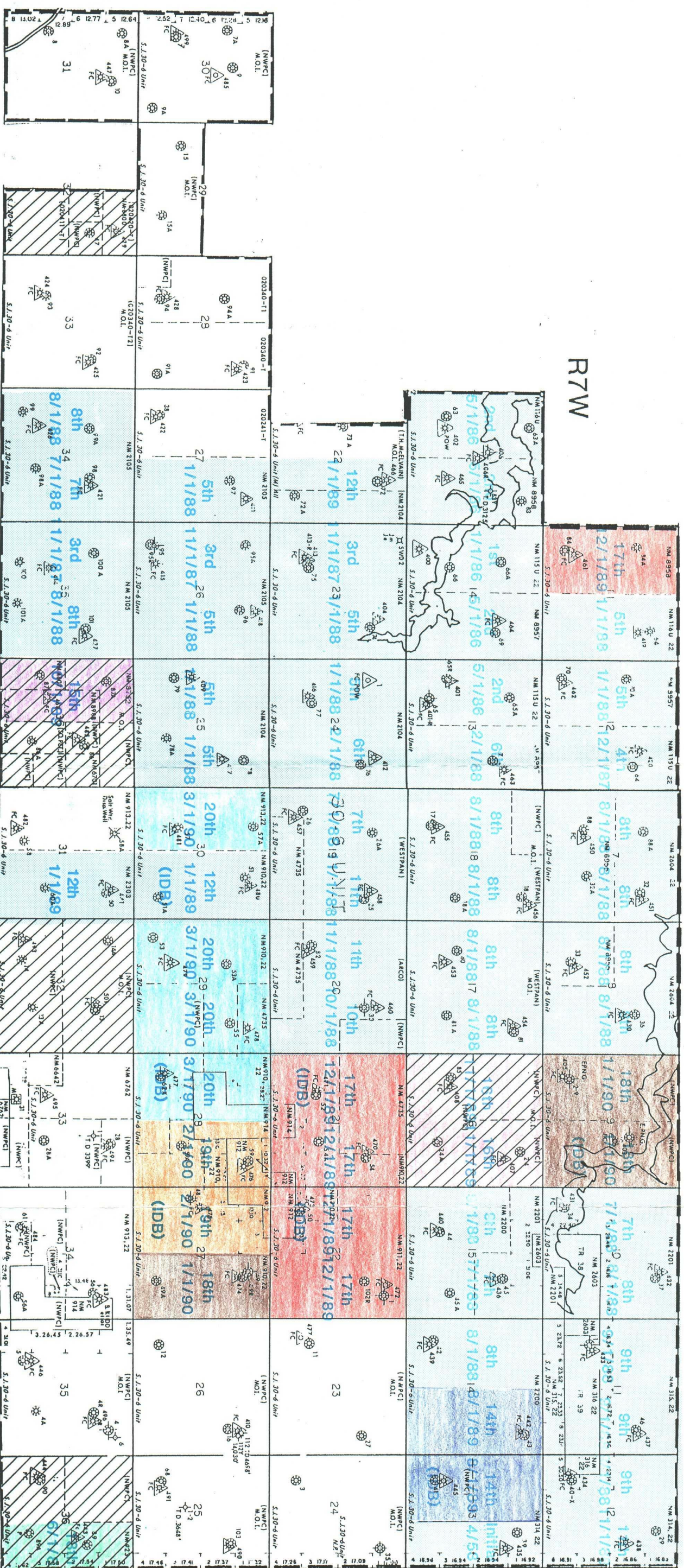
Charles Higgins
Supervising Landman
Land Department

CH:CTR:vb

San Juan 29-7, 30-5,
30-6, 31-6 Unit: 3.0

R6W

R7W



Fruitland

Fruitland

 Pictured Cliffs

Pictured Cliffs

 Chakra

Chakra

 Mesaverde

Mesaverde

 Gallup

Gallup

 Dakota

Dakota

Pending Expansion to Fruitland Participating Area

13th expansion - Effective 6/1/89 17th expansion - Effective 12/1/89

Expansion	Effective	Expansion	Effective
14th expansion -	8/1/89	18th expansion -	12/1/90

15th expansion - Effective 10/1/89	19th expansion - Effective 2/1/90
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Expansion	Effective	Expansion	Effective
16th expansion	11/1/89	20th expansion	3/1/90

Income 11/1/88 ☐ coin expansion - effective 3/1/90



OIL & GAS OWNED BY

STATE OF NEW MEXICO

CRYSTAL NEW WORLD

SAN JUAN 30-6 UNIT

T 30 N

MERIDIAN OIL
LAND DEPARTMENT
March 1, 1991