

# MERIDIAN OIL

RECEIVED  
OIL CONSERVATION DIVISION  
AUGUST 18, 1993  
1993 AUG 27 PM 9 27

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: Allison Unit, I Sec. No. 752  
San Juan County, New Mexico and  
La Plata & Archuleta Counties, Colorado  
**FIRST AMENDMENT 1993 DRILLING PROGRAM**

Gentlemen:

By letter dated March 1, 1993, Meridian Oil Inc., as Unit Operator, filed a Drilling Program concerning the captioned Unit for the calendar year 1993, providing for the drilling of five (5) wells.

Subsequent to the submittal of said letter, three (3) additional wells have been proposed under the 1993 Drilling Program. The proposed wells are listed as follows:

<b><u>WELL NAME</u></b>	<b><u>DRILLING BLOCK</u></b>	<b><u>FORMATION</u></b>
Allison Unit POW #1	N/A* NW/4 Sec. 17, 32N-6W San Juan County, NM	Recomplete Allison Unit #1 from Dakota to Fruitland Coal
Allison Unit POW #2	N/A* SE/4 Sec. 19, 32N-6W San Juan County, NM	Fruitland Coal
Allison Unit #66	E/2 Sec. 20, 32N-6W W/2 W/2 Sec. 21, 32N-6W** La Plata County, CO	Mesaverde

\* No dedication of acreage to a pressure observation well.

\*\* (336.61 acre Non-Standard drilling unit approved, W/2 W/2 Sec. 21 is not currently in the Mesaverde Participating Area)

All working interest owners have been contacted regarding this First Amendment to the Drilling Program. Meridian Oil Inc., as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Regulatory Agencies  
August 18, 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 to 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 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 stylized flourish at the end.

Kent Beers *KB*  
Attorney-in-Fact

KOB:AA:ll  
Enclosures  
cc: Allison Unit, 3.0

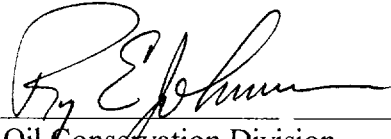
Regulatory Agencies  
Allison Unit, I Sec. No. 752  
August 18, 1993  
Page 3.

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: 8-25-93

The foregoing approvals are for the First Amendment to the 1993 Drilling Program for the Allison Unit, I Sec. No. 752, San Juan County, New Mexico, La Plata County, Colorado, and Archuleta County, Colorado.

## **ALLISON UNIT WORKING INTEREST OWNERS**

**Amerada Hess Corporation**

**Amoco Production Company**

**ARCO Oil & Gas Company**

**Castle, Inc.**

**Conoco Inc.**

**El Paso Production Company**

**Estate H.H. Phillips Sr., Deceased**

**J. Glenn Turner**

**Jane Phillips**

**Meridian Oil Production Inc.**

**Suzanna Phillips Kelly**

**Wintergreen Energy Corporation**

**MERIDIAN OIL**

OIL CONSERVATION DIVISION

RECEIVED February 23, 1994

1994 FEB 23 PM 6 39

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: **1994 Plan of Development**  
Allison Unit, I Sec. No. 752  
San Juan County, New Mexico  
La Plata & Archuleta Counties, Colorado

Gentlemen:

By letters dated March 1, 1993 and August 18, 1993, Meridian Oil Inc. (Meridian), as Unit Operator for the Allison Unit, filed the Plan of Development (POD) for the calendar year 1993. This program provided for the drilling of four Mesaverde wells (#5R, #16R, #66, & San Juan 32-7 #39A), one Mesaverde/Dakota commingle well (#9R), one Fruitland Coal pressure observation well (POW #2), and the conversion of three Mesaverde wells to pressure observation wells (#5, #9, #16). The Allison Unit #1 well was plugged in the Dakota and recompleted as a pressure observation well.

As of this date, the total number of wells in the Allison Unit are as follows:

Fruitland Coal, Commerciality undetermined	35
Fruitland Coal, Pressure Observation	1
Mesaverde, Pressure Observation	3
Mesaverde, Commerciality undetermined	1
Mesaverde, Commercial	23*
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	7
Dakota, Plugged & Abandoned	2
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals	
Dakota Non-Commercial	1
Mesaverde/Dakota Commingle	<u>1</u>
TOTAL	95

\*Includes San Juan 32-7 #39A well.

Regulatory Agencies  
Allison Unit  
February 23, 1994  
Page 2.

Pursuant to Section 10 of the Allison Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits no well program for the 1994 Plan of Development.


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,

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

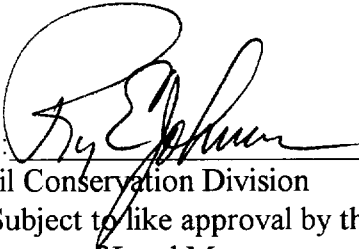
Kent Beers   
Attorney-in-Fact

KOB:AA:ll  
Enclosures  
Allison Unit, 3.0

Regulatory Agencies  
Allison Unit, I Sec. No. 752  
February 23, 1994  
Page 3.

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Bureau of Land Management  
(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  
Bureau of Land Management and  
the Oil Conservation Division)

APPROVED:  \_\_\_\_\_ DATE: 3/14/94  
Oil Conservation Division  
(Subject to like approval by the  
Bureau of Land Management and the  
Commissioner of Public Lands)

The foregoing approvals are for the 1994 Plan of Development for the Allison Unit, I Sec. No. 752, San Juan County, New Mexico, La Plata County, Colorado, and Archuleta County, Colorado.

## **ALLISON UNIT WORKING INTEREST OWNERS**

**Amerada Hess Corporation**

**Amoco Production Company**

**ARCO Oil & Gas Company**

**Castle, Inc.**

**Conoco Inc.**

**El Paso Production Company**

**Suzanna Phillips Kelly**

**Meridian Oil Production Inc.**

**Wintergreen Energy Corporation**

**Estate H.H. Phillips Sr., Deceased**

**Jane Phillips**

**J. Glenn Turner**





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

SLO REF NO. OG-1386

March 21, 1994

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

Attn: Mr. Kent Beers

Re: 1994 Plan of Development  
Allison Unit  
San Juan County, New Mexico  
La Plata & Archuleta Counties, Colorado

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-Roy Johnson  
BLM



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-1274

March 17, 1993

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

Attn: Mr. Kent Beers

Re: 1993 Plan of Development  
Allison Unit  
San Juan County, New Mexico

Gentlemen:

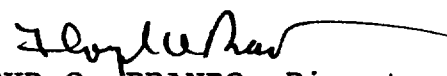
The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

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,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/pm  
cc: OCD  
BLM

'93 MAR 11 AM 8 55

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: **1993 Plan of Development**  
Allison Unit, I Sec. No. 752  
San Juan County, New Mexico  
La Plata & Archuleta Counties, Colorado

Gentlemen:

By letters dated March 1, 1992 and July 29, 1992, Meridian Oil Inc. (Meridian), as Unit Operator for the Allison Unit, filed the Plan of Development (POD) for the calendar year 1992. This program provided for the drilling of no wells for the 1992 POD and the recompletion of one Dakota well into the Mesaverde formation. The Allison Unit #40 Dakota well was recompleted into the Mesaverde formation and plugged and abandoned in the Dakota formation.

As of this date, the total number of wells in the Allison Unit are as follows:

Fruitland Coal, Commerciality undetermined	35
Mesaverde, Commerciality undetermined	1
Mesaverde, Commercial	19
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals	
Dakota Non-Commercial	<u>1</u>
TOTAL	84

Pursuant to Section 10 of the Allison Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits the following wells for the 1993 Plan of Development.

<b><u>WELL NAME</u></b>	<b><u>DRILLING BLOCK</u></b>	<b><u>FORMATION</u></b>
Allison Unit #1R (replace #1 well)	W/2 Sec. 17, 32N-6W	Dakota
Allison Unit #5R (replace #5 well)	E/2 Sec. 16, 32N-7W	Mesaverde
Allison Unit #9R (replace #9 well)	E/2 Sec. 13, 32N-7W	Mesaverde/Dakota Commingle
Allison Unit #16R (replace #16 well)	W/2 Sec. 15, 32N-7W	Mesaverde
San Juan 32-7 #39A *	W/2 Sec. 23, 32N-7W	Mesaverde

\* This well's spacing unit consists of the NW/4 which is committed to the Allison Unit and the SW/4 which is committed to the San Juan 32-7 Unit. The location of this well is proposed for the NW/4. Meridian will request a designation of agent from Phillips Petroleum Company (Operator of the San Juan 32-7 Unit) to drill this well.

Regulatory Agencies  
Allison Unit  
March 1, 1993  
Page 2.

Meridian has contacted all of the working interest owners and has received the necessary concurrence to propose the drilling of the above listed wells during the calendar year 1993.


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,

A handwritten signature in black ink, appearing to be 'Kent Beers', with a stylized 'B' and a long horizontal line extending to the right.

Kent Beers   
Attorney-in-Fact

KOB:AA:ll  
Enclosures  
cc: Allison Unit, 3.0

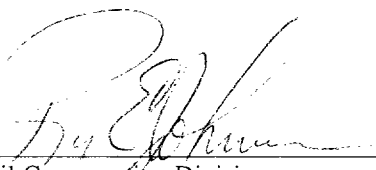
Regulatory Agencies  
Allison Unit, I Sec. No. 752  
March 1, 1993  
Page 3.

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: 3-11-93

## **ALLISON UNIT WORKING INTEREST OWNERS**

**Amerada Hess Corporation**

**Amoco Production Company**

**ARCO Oil & Gas Company**

**Castle, Inc.**

**Conoco Inc.**

**El Paso Production Company**

**Suzanna Phillips Kelly**

**Meridian Oil Production Inc.**

**Wintergreen Energy Corporation**

**Estate H.H. Phillips Sr., Deceased**

**Jane Phillips**

**J. Glenn Turner**

#224

# MERIDIAN OIL

Bureau of Land Management  
Attn: State Director  
P.O. Box 1449  
Santa Fe, NM 87501

OIL CONSERVATION DIVISION  
JUL 9 1992

July 29, 1992

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

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

**RE: ALLISON UNIT, I SECTION NO. 752  
SAN JUAN COUNTY, NEW MEXICO, &  
LA PLATA & ARCHULETA COUNTIES,  
COLORADO  
FIRST AMENDMENT 1992 DRILLING PROGRAM**

Gentlemen:

By letter dated March 1, 1992, Meridian Oil Inc., as Unit Operator, filed a Drilling Program concerning the captioned Unit for the calendar year 1992, providing for the drilling of no wells.

Subsequent to the submittal of said letter, one (1) well has been proposed under the 1992 Drilling Program. The well proposed to be recompleted is listed as follows:

<u>WELL</u>	<u>LOCATION</u>	<u>FORMATION</u>
Allison Unit #40	E/2 Sec. 19, T32N, R6W San Juan Co., New Mexico	Dakota recompleted to Mesaverde


All working interest owners have been contacted regarding this First Amendment to the Drilling Program. 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 this office.

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

Very truly yours,

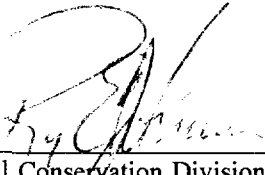
  
Kent Beers  
Attorney-In-Fact

KOB:AA:kaw  
Attachment  
Allison Unit 3.0

Regulatory Agencies  
Allison Unit, I Section No. 752  
June 5, 1992  
Page 2

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Commission of Public Lands  
(Subject to like approval by the  
Bureau of Land Management and  
the Oil Conservation Division)

APPROVED:  \_\_\_\_\_ DATE: 7. 11. 92  
Oil Conservation Division  
(Subject to like approval by the  
Bureau of Land Management and  
the Commissioner of Public Lands)

The foregoing approvals are for the First Amendment to the 1992 Drilling Program for the Allison Unit No. 752, San Juan County, New Mexico; La Plata County, Colorado; and Archuleta County, Colorado.



**ALLISON UNIT WORKING INTEREST OWNERS**

Amerada Hess Corporation

Amoco Production Company

ARCO Oil & Gas Company

Castle, Inc.

Conoco Inc.

Suzanna Phillips Kelly

Jane Phillips

Mr. H. H. Phillips Estate

Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation

# MERIDIAN OIL

March 1, 1992 10 19

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 87501

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

RE: Allison Unit I Sec. No. 752  
San Juan County, New Mexico  
La Plata County, Colorado &  
Archuleta County, Colorado  
1992 Plan of Development

Gentlemen:

By letters dated February 27, 1991 and August 1, 1991, El Paso Natural Gas Company, as Unit Operator for the Allison Unit, filed the Plan of Development (POD) for the calendar year 1991. This program provided for the drilling of two (2) Fruitland Coal wells, one (1) Mesaverde well, and one (1) Dakota well during 1991. The Allison Unit Com #105, Com #122, and 67 wells were not drilled under the 1991 program. The #34 and Com #65 wells were completed during the 1991 program. As of this date the total number of wells in the Allison Unit is as follows:

Fruitland Coal, Commerciality undetermined	35
Mesaverde, Commerciality undetermined	1
Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	7
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals	
Dakota Non-Commercial	<u>1</u>
Total	84

Pursuant to Section 10 of the Allison Unit Agreement, Meridian Oil Inc., as Successor Unit Operator to El Paso Natural Gas Company, hereby submits a no well drilling program for the 1992 POD.

Regulatory Agencies

March 1, 1992

Allison Unit I Sec. No. 752

Page 2

Meridian Oil Inc. has contacted all of the working interest owners and has received the necessary concurrence to propose this no well drilling program during the calendar year 1992.


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 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 horizontal line.

Kent Beers  
Attorney-in-Fact 

KOB:AA:kaw  
Enclosures


Allison 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: 3-13-92

The foregoing approvals for the 1992 Plan of Development for the Allison Unit I, Sec. No. 752, San Juan County, New Mexico, La Plata County, Colorado & Archuleta County, Colorado.

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Amoco Production Company

ARCO Oil & Gas Company

Castle, Inc.

Conoco Inc.

El Paso Production Company

Suzanna Phillips Kelly

Jane Phillips

Meridian Oil Production Company

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation



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-1168

September 24, 1992

Meridian Oil Inc.  
P.O. Box 4289  
Farmington, N.M. 87499-4289

Attn: Kent Beers

Re: 1992 Plan of Development  
Allison 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,

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



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-1169

September 24, 1992

Meridian Oil Inc.  
P.O. Box 4289  
Farmington, N.M. 87499-4289

Attn: Kent Beers

Re: First Amendment - 1992 Plan of Development  
Allison 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,

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

191 OCT 1 1991 8 51  
MERIDIAN OIL

#224

August 1, 1991

Bureau of Land Management  
Attn: State Director  
P.O. Box 1449  
Santa Fe, NM 87501

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: Allison Unit, I Section No. 752  
San Juan County, New Mexico, &  
La Plata & Archuleta Counties,  
Colorado  
First Amendment  
1991 Drilling Program

Gentlemen:

By letter dated February 27, 1991, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit (Meridian Oil Inc. named successor Unit Operator), filed a Drilling Program concerning the captioned Unit for the calendar year 1991.

Subsequent to the submittal of said letter, two (2) additional wells have been proposed to be drilled under the 1991 Drilling Program. The wells proposed to be drilled are listed as follows:

<u>WELL</u>	<u>LOCATION</u>	<u>FORMATION</u>
Allison Unit #34	Lot 2, 5, 6, 7, W/2SE/4, SW/4 Sec. 11, T32N, R7W San Juan Co., NM	Dakota
Allison Unit #67	Lot 2, 5, 6, 7, W/2SE/4, SW/4 Sec. 11, T32N, R7W San Juan Co., NM	Mesaverde



Regulatory Agencies  
July 24, 1991  
Page 2

All working interest owners have been contacted regarding this First Amendment to the Drilling Program. 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 this office.

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

Very truly yours,

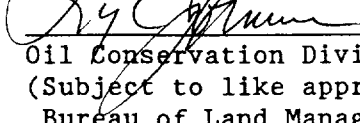
A handwritten signature in black ink, appearing to be 'KB' followed by a horizontal line.

Kent Beers  
Attorney-In-Fact *AA*

KOB:AA:kaw  
2+31, 32, 33, 34  
Attachment  
Allison Unit 3.0

APPROVED: \_\_\_\_\_ DATED: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)

APPROVED: \_\_\_\_\_ DATED: \_\_\_\_\_  
Commissioner of Public Lands  
(Subject to like approval by the  
Bureau of Land Management and  
the Oil Conservation Division)

APPROVED:  \_\_\_\_\_ DATED: 8-8-91  
Oil Conservation Division  
(Subject to like approval by the  
Bureau of Land Management and  
Commissioner of Public Lands)

The foregoing approvals are for the First Amendment to the 1991 Drilling Program for the Allison Unit No. 752, San Juan County, New Mexico, La Plata County, Colorado and Archuleta County, Colorado.

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Amoco Production Company

ARCO Oil & Gas Company

Castle, Inc.

Conoco Inc.

Suzanna Phillips Kelly

Jane Phillips

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation

RESIGNATION OF UNIT OPERATOR AND  
DESIGNATION OF SUCCESSOR UNIT OPERATOR

Allison Unit Area  
County of Rio Arriba, State of New Mexico  
No. I Sec. No. 752

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 22nd day of August, 1950, approved the Unit Agreement for the Development and Operation of the Allison 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 14th day of June, 1950, approved a Unit Agreement for the Development and Operation of the Allison 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 Allison 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 Allison Unit.

NOW, THEREFORE, effective May 1, 1991, EPNG hereby resigns as Unit Operator under the Unit Agreement for the Development and Operation of the Allison 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 Allison 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.

Kathlene A. Webb  
Notary Public

My commission expires:

November 8, 1994

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.

Kathlene A. Webb  
Notary Public

My commission expires:

November 8, 1994

RESIGNATION OF UNIT OPERATOR AND DESIGNATION OF SUCCESSOR UNIT OPERATOR  
ALLISON UNIT AREA.



OIL CONSERVATION DIVISION  
SANTA FE, N.M.

FEB 27 1991 9 12 AM

P.O. BOX 4289  
FARMINGTON, NEW MEXICO 87499  
PHONE: 505-326-9700

February 27, 1991

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 87501

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

RE: Allison Unit I Sec. No. 752  
San Juan County, New Mexico,  
La Plata County, Colorado &  
Archuleta County, Colorado  
1991 Plan of Development

Gentlemen:

By letter dated February 27, 1990, El Paso natural Gas Company, as Unit Operator for the Allison Unit, filed the Plan of Development (POD) for the calendar year 1990. This program provided for the drilling of four (4) Fruitland Coal wells during 1990. The Allison Unit "Com" numbers 105, 122, 138, 139 wells were not drilled under the 1990 program. The 105 and 122 wells will be carried over to the 1991 program. As of this date the total number of wells in the Allison Unit is as follows:

Fruitland Coal, Commerciality undetermined	35 *
Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals,	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals,	
Dakota Non-Commercial	<u>1</u>
Total	82

\* Incorrectly reported as 42 wells on 1990 POD

Regulatory Agencies  
February 27, 1991  
Allison Unit I Sec. No. 752  
Page 2

Pursuant to section 10 of the Allison Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby submits the following wells for the 1991 POD.

<u>WELL NAME</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
Allison Unit Com #65	E/2, E/2W/2 Sec. 21-32N-6W*	Mesaverde
Allison Unit Com #105	N/2 Sec. 26-32N-7W	Fruitland Coal
Allison Unit Com #122	E/2 Sec. 31-32N-6W	Fruitland Coal

\* Well located in Colorado

El Paso Natural Gas Company has contacted all of the working interest owners and had received the necessary concurrence to propose the drilling of the above listed wells during the calendar year 1991.

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 *AB*

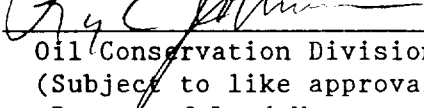
KOB:AA:kaw  
Enclosures

Allison Unit, 3.0



APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Commission of Public Lands  
(Subject to like approval by the  
Bureau of Land Management and  
the Oil Conservation Division)

APPROVED:  \_\_\_\_\_ DATE: 3-7-91  
Oil Conservation Division  
(Subject to like approval by the  
Bureau of Land Management and  
the Commissioner of Public Lands)

The foregoing approvals for the 1991 Drilling Program for the Allison Unit I,  
Sec. No. 752, San Juan County, New Mexico, La Plata County, Colorado &  
Archuleta County, Colorado.

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Amoco Production Company

ARCO Oil & Gas Company

Castle, Inc.

Conoco Inc.

Suzanna Phillips Kelly

Jane Phillips

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation

MERIDIAN OIL

OIL CONSERVATION DIVISION  
REMOVED

#244

'90 OCT 5 AM 9 16

September 26, 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, New Mexico 87501

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

Re: Allison Unit I Sec. 752  
San Juan County, New Mexico,  
Rio Arriba County, New Mexico &  
La Plata County, Colorado  
1990 DRILLING PROGRAM APPROVAL

Gentlemen:

The 1990 Drilling Program for the Allison Unit has been approved by the regulatory agencies as follows:


Bureau of Land Management  
Commission of Public Lands  
Oil Conservation Commission

1990  
Program

3-22-90  
No Response to date  
3-1-90

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:kaw  
Attachment  
Allison Unit, 3.0  
1+76

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Amoco Production Company

ARCO Oil & Gas Company

Castle, Inc.

Conoco Inc.

Suzanna Phillips Kelly

Jane Phillips Ladouceur

Mr. H. H. Phillips

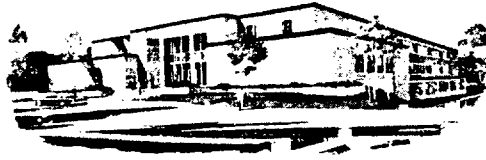
Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation

State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



Commissioner of Public Lands

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

October 24, 1990

El Paso Natural Gas Company  
P.O. Box 4990  
Farmington, NM 87499

Attn: Alan Alexander

Re: Allison Unit  
San Juan & Rio Arriba County, New Mexico  
1990 Plan of Development

Dear Mr. Alexander:

The Commissioner of Public Lands this date approved the 1990 Plan of Development for the Allison 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

February 27, 1990

#224

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: Allison Unit I Sec. No. 752  
San Juan County, New Mexico,  
La Plata County, Colorado &  
Archuleta County, Colorado  
1990 Plan of Development

Gentlemen:

By letter dated February 28, 1989, El Paso Natural Gas Company, as Unit Operator for the Allison Unit, filed the Plan of Development (POD) for the calendar year 1989. This program provided for the drilling of five (5) Fruitland Coal wells during 1989. The Allison Unit numbers 110, 113, 117, 120, 132, 133 and 134 wells were carried over from the 1988 program and drilled during 1989. In addition, the #135 "Com" well which was on the 1989 program was also drilled during 1989. As of this date, the total number of wells in the Allison Unit is as follows:

Fruitland Coal, Commerciality undetermined	42
Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals,	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals,	
Dakota Non-Commercial	<u>1</u>
Total	89

February 27, 1990

Pursuant to Section 10 of the Allison Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby submits the following wells for the 1990 POD.

<u>WELL NAME</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
Allison Unit Com #105	N/2 Sec. 26, T32N, R7W	Fruitland Coal
Allison Unit Com #122	E/2 Sec. 31, T32N, R6W	Fruitland Coal
Allison Unit Com #138	W/2 E/2, W/2 Sec. 22 T-32-N, R-6-W La Plata County, Colorado	Fruitland Coal
Allison Unit Com #139	W/2 Sec. 24, E/2 E/2 * Sec 23, T-32-N, R-7-W La Plata County, Colorado	Fruitland Coal

\* Approved Non-standard drilling units

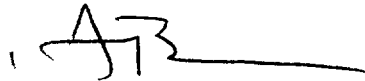
El Paso Natural Gas Company has contacted all of the working interest owners and had received the necessary concurrence to propose the drilling of the above listed wells during the calendar year 1990.

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 *AB*

KOB:AA:gm  
Enclosures

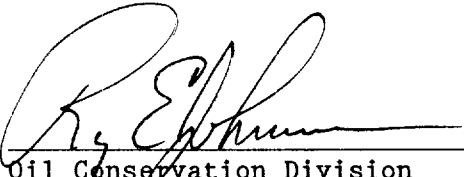
Allison Unit, 3.0

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: 3-1-90

The foregoing approvals for the 1990 Plan of Development for the Allison  
Unit I, Sec. No. 752, San Juan County, New Mexico, La Plata County, Colorado &  
Archuleta County, Colorado



ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Amoco Production Company

ARCO Production Company

Castle, Inc.

Conoco Inc.

FMP Operating Company

Suzanna Phillips Kelly

Jane Phillips Ladouceur

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation

# 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: Allison Unit, I Sec. No. 752  
1989 Drilling Program  
Rio Arriba County, New Mexico

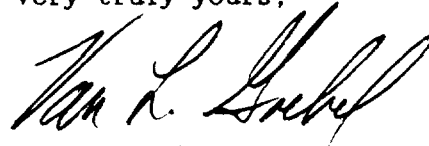
Gentlemen:

The 1989 Drilling Program for the Allison Unit was approved by the regulatory agencies on the dates indicated below:

Bureau of Land Management	3-24-89
Commissioner of Public Lands	4-05-89
Oil Conservation Division	3-07-89

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  
Allison Unit, 3.0  
Document 180+

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Amoco Production Company

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

FMP Operating Company

Graham Royalty, Ltd.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Mr. H. H. Phillips

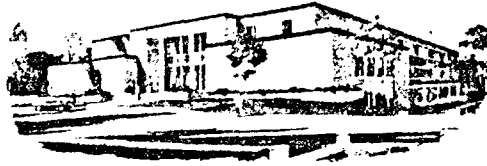
Mr. H. H. Phillips, Jr.

Wintergreen Energy Corporation

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



## Commissioner of Public Lands

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

April 5, 1989

El Paso Natural Gas Company  
P.O. Box 4289  
Farmington, New Mexico 87499

ATTN: Alan Alexander

RE: 1989 Plan of Development  
Allison Unit  
San Juan County, New Mexico  
La Plata County, Colorado  
Archuleta County, Colorado

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned 1989 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 contact us.

Very truly yours,

W.R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY: FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5749



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
ALBUQUERQUE DISTRICT OFFICE  
435 MONTANO N.E.  
ALBUQUERQUE, NEW MEXICO 87107



Allison (POD)  
3180 (015)

MAR 24 1989

El Paso Natural Gas Company  
ATTN: Mr. Alan Alexander  
P.O. Box 4289  
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1989 Plan of Development for the Allison Unit Area, San Juan County, New Mexico and La Plata and Archuleta Counties, Colorado are enclosed. Such plan, proposing to carry over five Fruitland coal wells from the 1988 Plan of Development 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.

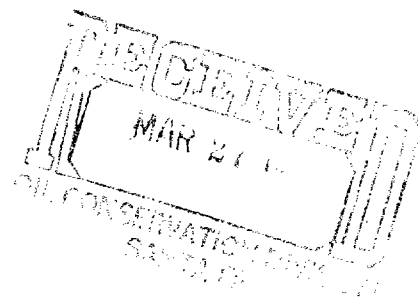
Sincerely,

/s/ Gary A. Stephens

Assistant District Manager  
Mineral Resources

Enclosure

✓ NMOCD, Santa Fe

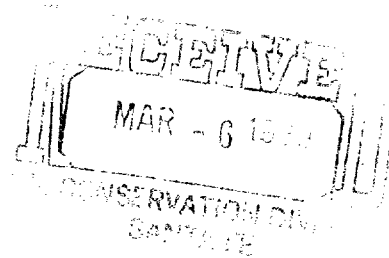


February 28, 1989

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: Allison Unit, I Sec. No. 752  
San Juan County, New Mexico,  
La Plata County, Colorado and  
Archuleta County, Colorado  
1989 Drilling Program

Gentlemen:

By letter dated February 19, 1988, May 16, 1988 and August 1, 1988, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program and First Amendment 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 34 wells were drilled.

As of this date, the total number of active wells within the Allison Unit is as follows:

Fruitland, being evaluated	34
Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals	1
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals,	1
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals,	1
Dakota Non-Commercial	1
	<u>81</u>

February 28, 1989

Pursuant to Section 10 of the Allison 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:

<u>WELL NAME</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#105	N/2 Section 26, T-32-N, R-7-W	Fruitland Coal
#122	E/2 Section 31, T-32-N, R-6-W	Fruitland Coal
#135	Non-Standard Sec. 9, T32N, R6W	Fruitland Coal
#138	Non-Standard Sec. 22, T32N, R6W Colorado	Fruitland Coal
#139	Non-Standard Sec. 24, T32N, R7W Colorado	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 Pictured Cliffs, Mesaverde, and Dakota 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 

AA:VLG:gm  
Enclosures  
Allison Unit, 3.0  
Doc. 180+

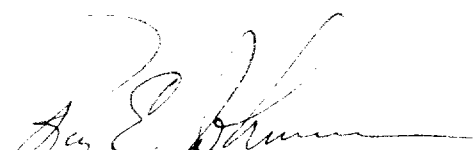
cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
P.O. Box 2308  
Santa Fe, NM 87501

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: 3-7-87

The foregoing approvals are for the 1989 Drilling Program for the Allison Unit,  
No. 752, San Juan County, New Mexico, La Plata County, Colorado and Archuleta  
County, Colorado



ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

FMP Operating Company

Graham Royalty, Ltd.

Suzanna Phillips Kelly

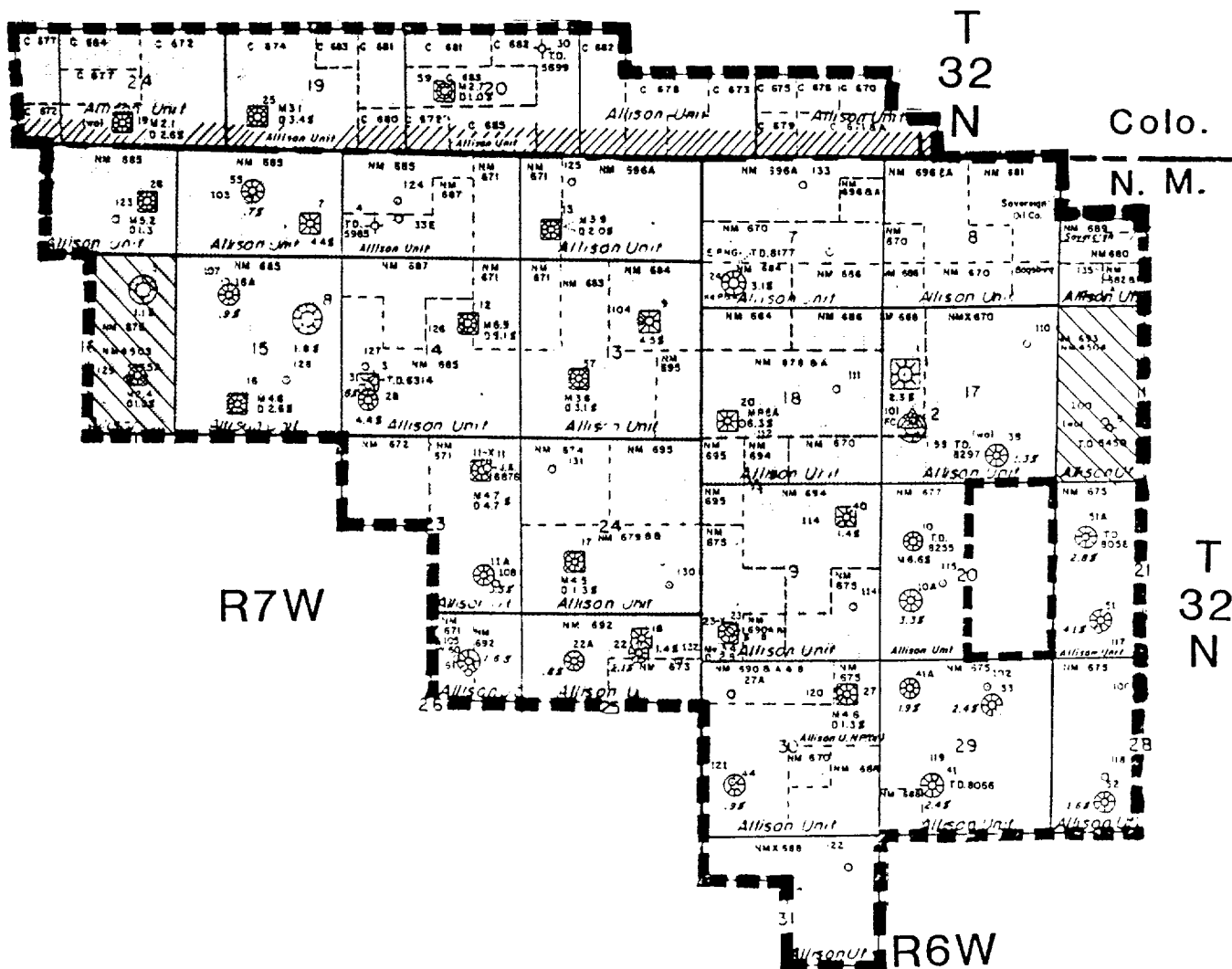
Jane Phillips Ladoucer

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation



# ALLISON UNIT

☼ Pictured Cliffs

☼ Chacra

☼ Mesaverde

◆ Gallup

☼ Dakota

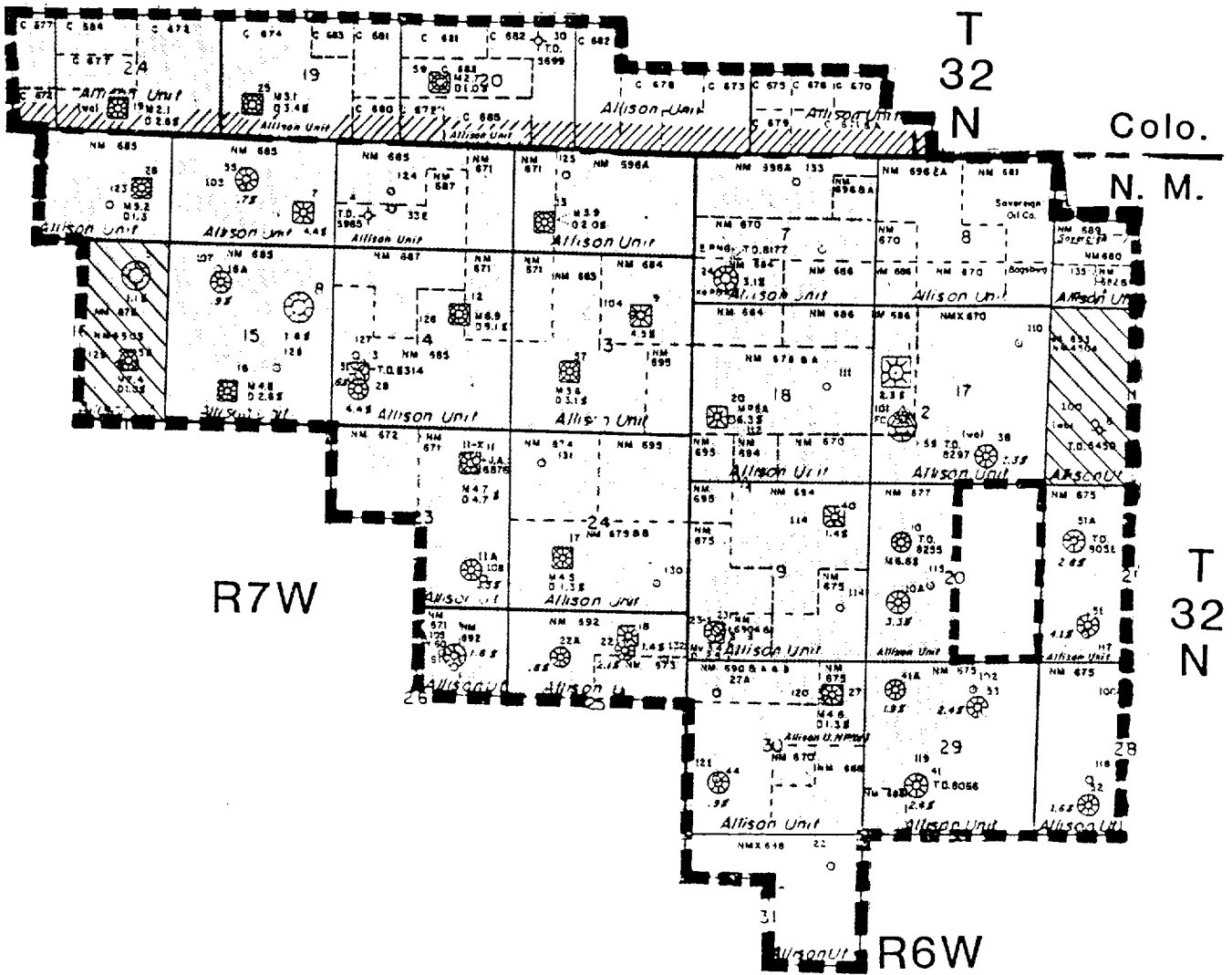


DAKOTA PARTICIPATING AREA  
11th Expansion Effective 5/1/78



OIL & GAS OWNED BY  
STATE OF NEW MEXICO

**MERIDIAN OIL**  
LAND DEPARTMENT  
February 28, 1989



# ALLISON UNIT

☼ Pictured Cliffs

⊗ Chacra

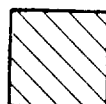
⊗ Mesaverde

◆ Gallup

⊗ Dakota



MESAVERDE PARTICIPATING AREA  
17th Expansion Effective 6/1/81



OIL & GAS OWNED BY  
STATE OF NEW MEXICO

**MERIDIAN OIL**  
LAND DEPARTMENT  
February 28, 1989

#294

# MERIDIAN OIL

September 15, 1988

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: Allison Unit, I Section No. 752  
San Juan County, New Mexico ,  
La Plata County, Colorado, and  
Archuleta County, Colorado  
FIRST AMENDMENT  
1988 Drilling Program

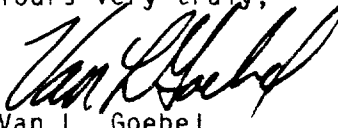
Gentlemen:

The First Amendment to the 1988 Drilling Program for the Allison Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	8-10-88
Commissioner of Public Lands	8-26-88
Oil Conservation Division	8-09-88

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

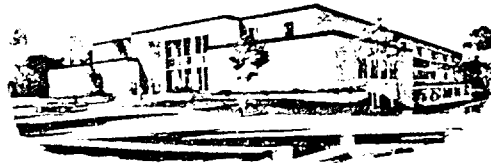
  
Van L. Goebel  
Senior Landman

VLG:gm  
Allison Unit, 3.0  
Document 30+

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



SLO REF NO OG-865

## Commissioner of Public Lands

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

August 26, 1988

El Paso Natural Gas Company  
Attn: Mr. James Permenter  
P. O. Box 4289  
Farmington, New Mexico 87499

Re: 1988 Plan of Development  
Allison Unit (1st Amendment)  
La Plata & Archuleta Counties, NM

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



P. O. BOX 4289  
FARMINGTON, NEW MEXICO 87499  
PHONE 505-325-2641

August 1, 1988

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: Allison Unit, I Section No. 752  
San Juan County, New Mexico, and  
La Plata & Archuleta Counties,  
Colorado  
First Amendment  
1988 Drilling Program

Gentlemen:

By letter dated May 16, 1988, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1988.

Subsequent to the submittal of said letter of May 16, 1988, thrity three (33) 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>LOCATION</u>	<u>FORMATION</u>
Allison Unit #106	W/2 Sec. 13, T32N, R7W	Fruitland Coal
Allison Unit #107	W/2 Sec. 15, T32N, R7W	Fruitland Coal
Allison Unit #108	E/2 Sec. 23, T32N, R7W	Fruitland Coal
Allison Unit #110	E/2 Sec. 17, T32N, R6W	Fruitland Coal

<u>WELL NAME</u>	<u>LOCATION</u>	<u>FORMATION</u>
Allison Unit #111	E/2 Sec. 18, T32N, R6W	Fruitland Coal
Allison Unit #112	W/2 Sec. 18, T32N, R6W	Fruitland Coal
Allison Unit #113	W/2 Sec. 19, T32N, R6W	Fruitland Coal
Allison Unit #114	E/2 Sec. 19, T32N, R6W	Fruitland Coal
Allison Unit #115	W/2 Sec. 20, T32N, R6W	Fruitland Coal
Allison Unit #116	* All Sec. 20, T32N, R6W, Colorado	Fruitland Coal
Allison Unit #117	W/2 Sec. 21, T32N, R6W	Fruitland Coal
Allison Unit #118	W/2 Sec. 28, T32N, R6W	Fruitland Coal
Allison Unit #119	W/2 Sec. 29, T32N, R6W	Fruitland Coal
Allison Unit #120	E/2 Sec. 30, T32N, R6W	Fruitland Coal
Allison Unit #121	W/2 Sec. 30, T32N, R6W	Fruitland Coal
Allison Unit #122	E/2 Sec. 31, T32N, R6W	Fruitland Coal
Allison Unit #123	* Lots 5-13, Section 9 & Lots 5,6,7 Section 10, T32N, R7W, Well Location Section 9	Fruitland Coal
Allison Unit #124	* Lot 2,5,6,7, W/2 SE/4, SW/4 Section 11, T32N, R7W	Fruitland Coal
Allison Unit #125	* All Sec. 12, T32N, R7W	Fruitland Coal
Allison Unit #126	E/2 Sec. 14, T32N, R7W	Fruitland Coal
Allison Unit #127	W/2 Sec. 14, T32N, R7W	Fruitland Coal
Allison Unit #128	E/2 Sec. 15, T32N, R7W	Fruitland Coal
Allison Unit #129	E/2 Sec. 16, T32N, R7W	Fruitland Coal
Allison Unit #130	E/2 Sec. 24, T32N, R7W	Fruitland Coal
Allison Unit #131	W/2 Sec. 24, T32N, R7W	Fruitland Coal
Allison Unit #132	N/2 Sec. 25, T32N, R7W	Fruitland Coal
Allison Unit #133	N/2 Sec. 7, T32N, R6W	Fruitland Coal
Allison Unit #134	N/2 Sec. 8, T32N, R6W	Fruitland Coal
Allison Unit #135	W/2 Sec. 9, T32N, R6W	Fruitland Coal
Allison Unit #136	* All Sec. 19, T32N, R6W Colorado	Fruitland Coal
Allison Unit #137	* All Sec. 21, T32N, R6W Colorado	Fruitland Coal
Allison Unit #138	* All Sec. 22, T32N, R6W Colorado	Fruitland Coal
Allison Unit #139	* All Sec. 24, T32N, R7W Colorado	Fruitland Coal

\* Nonstandard Sections

August 1, 1988

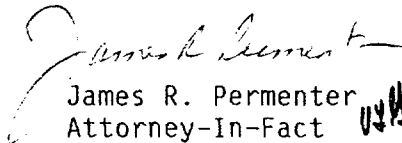
All working interest owners have been contacted regarding this First Amendment to the Drilling Program. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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 this office.

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 *UJH*

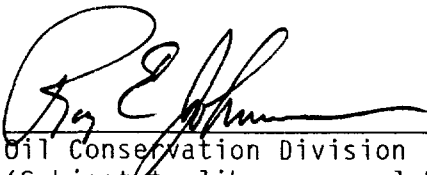
JRP:VLG:gm  
Attachment  
Allison Unit 3,0  
Document 75+

cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
Post Office Box 2308  
Santa Fe, New Mexico



APPROVED: \_\_\_\_\_ DATED: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)

APPROVED: \_\_\_\_\_ DATED: \_\_\_\_\_  
Commissioner of Public Lands  
(Subject to like approval by the  
Bureau of Land Management and  
the Oil Conservation Division)

APPROVED:  \_\_\_\_\_ DATED: 8-9-88  
Oil Conservation Division  
(Subject to like approval by the  
Bureau of Land Management and  
Commissioner of Public Lands)

The foregoing approvals are for the First Amendment to the 1988 Drilling Program for the Allison Unit No. 752, San Juan County, New Mexico, La Plata County, Colorado and Archuleta County, Colorado.

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

FPCO Oil & Gas Company (formerly Petro-Lewis Corporation)

Graham Royalty, Ltd.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

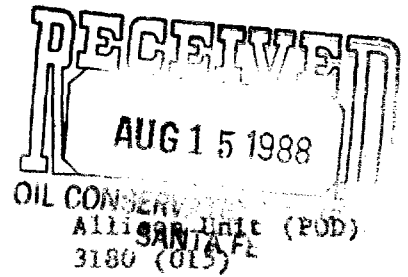
Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation

AUG 11 1988



El Paso Natural Gas Company  
ATTN: James Permenter  
P.O. Box 4289  
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1988 amended Plan of Development for the Allison Unit area, San Juan County, New Mexico and La Plata and Archuleta Counties, Colorado are enclosed. Such plan, proposing the drilling of 33 Fruitland Coal wells, was approved on 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 Gail Keller at the above address or telephone (505) 761-4503.

Sincerely,

[s] Gary A. Stephens

Assistant District Manager  
Mineral Resources

Ute Mtn Tribe, (w/o encl)  
015:CKeller:ja:8/4/88:0274M  
NM-019  
Comm. of Pub. Lands, (w/o encl)

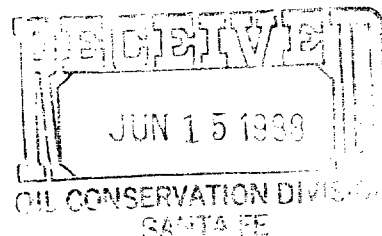
# MERIDIAN OIL

June 14, 1988

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: Allison Unit, I Section No. 752  
San Juan County, New Mexico ,  
La Plata County, Colorado, and  
Archuleta County, Colorado  
1988 Drilling Program

Gentlemen:

The 1988 Drilling Program for the Allison Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	5-26-88
Commissioner of Public Lands	6-07-88
Oil Conservation Division	5-18-88

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

Van L. Goebel  
Senior Landman

VLG:gm

Allison Unit, 3.0  
Document 30+

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

FPCO Oil & Gas Company (formerly Petro-Lewis Corporation)

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

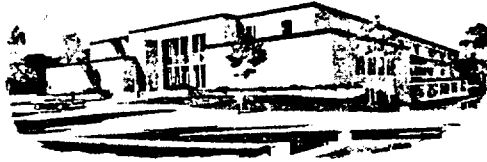
Tenneco Oil Company

Wintergreen Energy Corporation

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



## Commissioner of Public Lands

SLO REF NO OG-801  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

June 6, 1988

El Paso Natural Gas Company  
Attn: Mr. James R. Permenter  
P. O. Box 4289  
Farmington, New Mexico 87499

Re: 1988 Plan of Development  
Allison Unit  
San Juan 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.

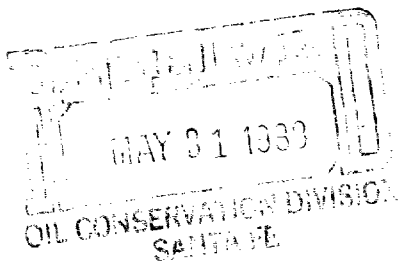
Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY:

*Floyd O. Prando*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 327-5744

WRH/FOP/pm  
encls.  
cc: OCD  
BLM



MAY 25 1988 Allison Unit (POD)  
3180 (015)

El Paso Natural Gas Company  
Attn: James R. Permenter  
P.O. Box 4289  
Farmington, New Mexico 87499

Gentlemen:

Two approved copies of your 1988 Plan of Development for the Allison Unit area, San Juan County, New Mexico and LaPlata and Archuleta County, Colorado are enclosed. Such plan, proposing the drilling of the Allison Well No. 100 (W $\frac{1}{2}$  Section 16, T. 32 N., R. 6 W.), the Allison Well No. 101 (W $\frac{1}{2}$  Section 17, T. 32 N., R. 6 W.), the Allison Well No. 102 (E $\frac{1}{2}$  Section 19, T. 32 N., R. 6 W.), the Allison Well No. 103 (Section 10 and Section 11, T. 32 N., R. 7 W.), the Allison Well No. 104 (E $\frac{1}{2}$  Section 13, T. 32 N., R. 7 W.) and the Allison Well No. 105 (N $\frac{1}{2}$  Section 26, T. 32 N., R. 7 W.), 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 at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

Assistant District Manager  
Mineral Resources

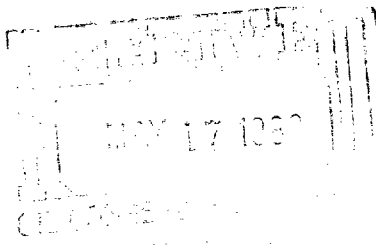
Enclosure(s)

cc:

✓ NMOCD, Santa Fe  
Comm. of Pub. Lands, Santa Fe  
NM-019  
015:GKeller:ag:5/25/88:0072M



**El Paso**  
Natural Gas Company



P O BOX 4289  
FARMINGTON, NEW MEXICO 87499  
PHONE 505-325-2811

May 16, 1988

#284

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: Allison Unit, I Section No. 752  
San Juan County, New Mexico, and  
La Plata & Archuleta Counties,  
Colorado  
1988 Drilling Program

Gentlemen:

By letter dated August 26, 1987, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1987 providing for a no well Drilling Program.

As of this date, the total number of active wells in the Allison Unit is as follows:

Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals,	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals,	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals,	
Dakota Non-Commercial	<u>1</u>

47

Pursuant to Section 10 of the Allison 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 1988.

Bureau of Land Management  
Commissioner of Public Lands  
Oil Conversation Division

-2-

<u>WELL</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#100	W/2 Section 16, T-32-N, R-6-W	Fruitland Coal
#101	W/2 Section 17, T-32-N, R-6-W	Fruitland Coal
#102	E/2 Section 29, T-32-N, R-6-W	Fruitland Coal
#103	Non-Standard Location: Lots 1,2,8,9,10,11, N/2 SE/4, SE/4 SE/4 Section 10 and Lots 3, 4 of Section 11, Well to be located in Section 10 Township 32 North, Range 7 West	Fruitland Coal
#104	E/2 Section 13, T-32-N, R-7-W	Fruitland Coal
#105	N/2 Section 26, T-32-N, R-7-W	Fruitland Coal

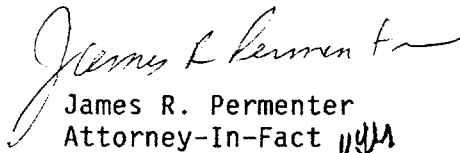
All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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 this office.

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*

JRP:VLG:gm  
Attachment  
Allison Unit 3,0  
Document 75+

cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
Post Office Box 2308  
Santa Fe, New Mexico

APPROVED: \_\_\_\_\_ DATED: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)

APPROVED: \_\_\_\_\_ DATED: \_\_\_\_\_  
Commissioner of Public Lands  
(Subject to like approval by the  
Bureau of Land Management and  
the Oil Conservation Division)

APPROVED:  \_\_\_\_\_ DATED: 5-18-88  
Oil Conservation Division  
(Subject to like approval by the  
Bureau of Land Management and  
Commissioner of Public Lands)

The foregoing approvals are for the 1988 Drilling Program for the  
Allison Unit No. 752, San Juan County, New Mexico and La Plata, and  
Archuleta Counties, Colorado

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

FPCO Oil & Gas Company (formerly Petro-Lewis Corporation)

Suzanna Phillips Kelly

Jane Phillips Ladoucer

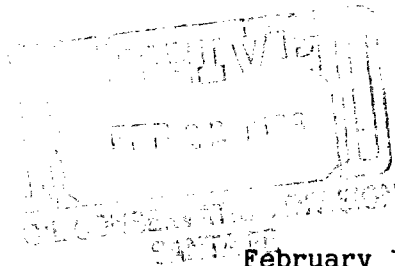
Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation

**El Paso**  
Natural Gas Company



# 224  
P. O. BOX 4289  
FARMINGTON, NEW MEXICO 87499  
PHONE 505-326-9757

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: Allison Unit, I Section No. 752  
1988 Drilling Program  
San Juan County, New Mexico ,  
La Plata County, Colorado, and  
Archuleta County, Colorado

Gentlemen:

Please be advised that El Paso Natural Gas Company is at this time preparing the 1988 Drilling Program for submittal to the Allison 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 *WAB*

AA:VLG:gm  
Allison Unit, 3.0

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

FPCO Oil & Gas Company (formerly Petro-Lewis Corporation)

Suzanna Phillips Kelly

Jane Phillips Ladoucer

P.R. Mayo, Jr.

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation

OCT 22 1987

OCT 20 1987

Allison (POD)  
3180 (015)

El Paso Natural Gas Company  
ATTN: James R. Permenter  
P.O. Box 4289  
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1987 Plan of Development for the Allison Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing no development drilling during 1987 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:

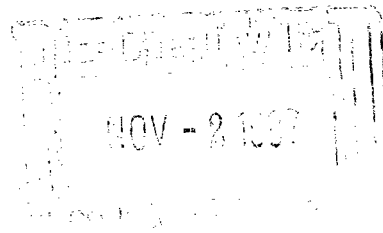
NMOC, Santa Fe w/o encl.

Comm. of Pub. Lands, Santa Fe w/o encl.

NM-016

015:RKent:rvh:10/16/87:3568M

**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: Allison Unit, I Section No. 752  
1987 Drilling Program  
San Juan County, New Mexico, and  
La Plata & Archuleta Counties,  
Colorado

Gentlemen:

The 1987 Drilling Program for the Allison Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	10-27-87
Commissioner of Public Lands	4-20-87
Oil Conservation Division	9-30-87

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  
Allison Unit, 3.0

Doc. #0325L



ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

Ashton J. Fischer

Suzanna Phillips Kelly

Jane Phillips Ladoucer

FPCO Oil & Gas Company (formerly Petro-Lewis Corporation)

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation

August 26, 1987

Bureau of Land Management  
South Central Region  
435 Montano N.E.  
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: Allison Unit I, Section No. 752  
San Juan County, New Mexico  
La Plata and Archuleta Counties,  
Colorado  
1987 Drilling Program

Gentlemen:

By letter dated February 19, 1986, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1986.

As of this date, the total number of active wells in the Allison Unit is as follows:

Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals,	
Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals,	
Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals,	
Dakota Non-Commercial	<u>1</u>
	47

Pursuant to Section 10 of the Allison Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting a Drilling Program providing for the drilling of no wells during calendar year 1987.

August 26, 1987

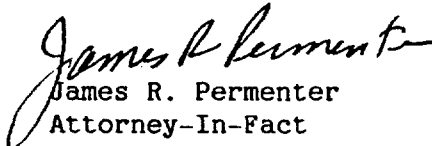
All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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 this office.

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:LD:gm  
Enclosure  
Allison Unit, 3.0  
Doc. #0033L

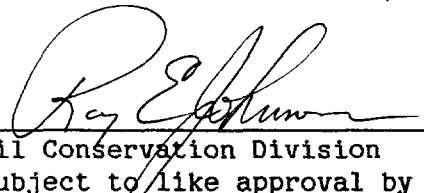
cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
Post Office Box 2308  
Santa Fe, New Mexico 87501

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: 9-30-87

The foregoing approvals are for the 1987 Drilling Program for the  
Allison Unit No. 752, San Juan County, New Mexico, and La Plata.  
and Archuleta Counties, Colorado

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

Ashton J. Fischer

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Petro-Lewis Corporation

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



SLO REF NO. OG-44

## Commissioner of Public Lands

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

April 20, 1987

#224

Meridian Oil Inc.  
ATTENTION: Land Department  
P. O. Box 4289  
Farmington, New Mexico 87499

Re: 1987 Drilling Program  
Allison Unit  
San Juan County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1987 Drilling Program for the Allison Unit Area, San Juan County, New Mexico. Your program calls for the drilling of no wells.

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 Attn: Fluids Branch  
Gulram, Inc.

# MERIDIAN OIL

August 19, 1986

Bureau of Land Management  
South Central Region  
Attention: District Manager  
435 Montano Road, N.E.  
Albuquerque, New Mexico 87107

#224

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: Allison Unit  
San Juan County, New Mexico, and  
La Plata & Archuleta Counties,  
Colorado

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 Allison 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*

Alan Alexander  
District Land Manager

AA/tlm  
Allison Unit, 5.0

Doc. #0794L

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

Jane Phillips Ladoucer

Suzanna Phillips Kelly

Petro-Lewis Corporation

Mr. H. H. Phillips

H. H. Phillips, Jr.

Ashton J. Fischer

Tenneco Oil Company

Wintergreen Energy Corporation



# 224

MERIDIAN OIL

February 19, 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: Allison Unit I, Section No. 752  
San Juan County, New Mexico  
La Plata and Archuleta Counties,  
Colorado  
1987 Drilling Program

Gentlemen:

By letter dated February 19, 1986, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1986.

As of this date, the total number of active wells in the Allison Unit is as follows:

Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals, Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals, Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals, Dakota Non-Commercial	<u>1</u>
	47

Pursuant to Section 10 of the Allison Unit Agreement, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, is submitting a Drilling Program providing for the drilling of no wells during calendar year 1987.

February 19, 1987

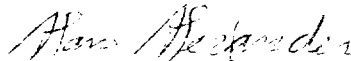
All working interest owners have been contacted regarding this Drilling Program. Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil, on behalf of 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 at the above address.

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

Very truly yours,



Alan Alexander  
District Land Manager *WAL*

AA:LD:tlm  
Enclosure  
Allison Unit, 3.0  
Doc. #0356L

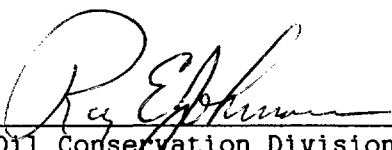
cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
Post Office Box 2308  
Santa Fe, New Mexico 87501

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: 2-23-87

The foregoing approvals are for the 1987 Drilling Program for the  
Allison Unit No. 752, San Juan County, New Mexico, and La Plata,  
and Archuleta Counties, Colorado

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

Ashton J. Fischer

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Petro-Lewis Corporation

Mr. H. H. Phillips

Mr. H. H. Phillips, Jr.

Tenneco Oil Company

Wintergreen Energy Corporation

# MERIDIAN OIL

February 19, 1986

Bureau of Land Management  
South Central Region  
Post Office Box 6770  
Albuquerque, New Mexico 87197

#244

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: Allison Unit I, Section No. 752  
San Juan County, New Mexico  
La Plata and Archuleta Counties,  
Colorado  
1986 Drilling Program

Gentlemen:

By letter dated March 12, 1985, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1985.

As of this date, the total number of active wells in the Allison Unit is as follows:

Mesaverde, Commercial	18
Mesaverde, Plugged & Abandoned	5
Dakota, Commercial	6
Dakota, Plugged & Abandoned	1
Mesaverde/Dakota Duals, Commercial	12
Mesaverde/Dakota Duals, Mesaverde Plugged & Abandoned	1
Mesaverde/Dakota Duals, Dakota Plugged & Abandoned	3
Mesaverde/Dakota Duals, Dakota Non-Commercial	<u>1</u>
	47

Pursuant to Section 10 of the Allison Unit Agreement, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, is submitting a Drilling Program providing for the drilling of no wells during calendar year 1986.

February 19, 1986


All working interest owners have been contacted regarding this Drilling Program. Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil, on behalf of 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 at the above address.

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

Very truly yours,

  
Alan Alexander  
District Land Manager

AA:LD:tlm  
Enclosure  
Allison Unit, 3.0

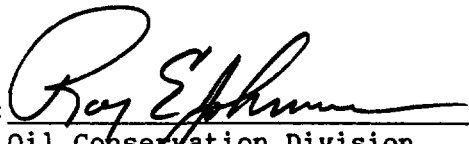
cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
Post Office Box 2308  
Santa Fe, New Mexico 87501

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: 2-28-86

The foregoing approvals are for the 1986 Drilling Program for the  
Allison Unit No. 752, San Juan County, New Mexico, and La Plata.  
and Archuleta Counties, Colorado

ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

Jane Phillips Ladoucer

Suzanna Phillips Kelly

Petro-Lewis Corporation

Mr. H. H. Phillips

H. H. Phillips, Jr.

Ashton J. Fischer

Tenneco Oil Company

Wintergreen Energy Corporation



Bureau of Land Management  
Albuquerque District Office  
Minerals Division  
P.O. Box 6770  
Albuquerque, NM 87197-6770

MAR 17 1986

Allison Unit  
Unit POD  
3100 (015)

Meridian Oil  
ATTN: Alan Alexander  
P.O. Box 4289  
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1986 Plan of Development for the Allison Unit area, San Juan County, New Mexico and La Plata and Archuleta Counties, Colorado are enclosed. Such plan, proposing no development drilling during 1986, 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 Robert Kent at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed)- GARY A. STEPHENS

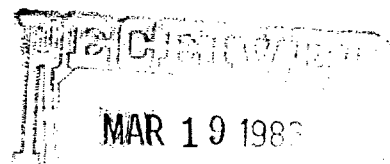
For District Manager

Enclosure(s)

cc:

✓ NMOCD, Santa Fe  
Comm. of Pub. Lands, Santa Fe  
Micrographics 943B-1  
Fluids Section FRAH  
O&G Chron

015:RKent:k1m:3-11-86:1608M



# State of New Mexico



JIM BACA  
COMMISSIONER



## Commissioner of Public Lands

February 27, 1986

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148  
Express Mail Delivery Uses:  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

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

Re: Allison Unit  
1986 Drilling Program  
San Juan County, New Mexico  
La Plata and Archuleta Counties Colorado

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Drilling Program for the Allison Unit Area, San Juan County, New Mexico and La Plata and Archuleta Counties, Colorado. Your drilling program calls for the drilling of no wells during the calendar year 1986. 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, 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

Bureau of Land Management  
Albuquerque District Office  
Minerals Division  
P.O. Box 6770  
Albuquerque, NM 87197-6770

Allison Unit  
(015)

APR 22 1985

El Paso Natural Gas Company  
P.O. Box 4289  
Farmington, New Mexico 87499-4289

Gentlemen:

An approved copy of your 1985 Plan of Development for the Allison Unit area, La Plata and Archuleta Counties, Colorado and San Juan County, New Mexico is enclosed. Such plan, proposing no drilling during 1985, 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 at a later date about this possibility.

Sincerely yours,

(Orig. Signed) - Sid Vogelpohl

For District Manager

Enclosure(s)

cc:

✓ NMCD, Santa Fe  
Comm. of Pub. Lands, Santa Fe  
Micrographics 943B-1  
Fluids Section FRAH  
File: Allison Unit POD  
O&G Chron

015:RBartel:tt:4/17/85:0627M



TONEY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

50 YEARS



1935 - 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

March 25, 1985

#224

El Paso Exploration Company  
P.O. Box 4289  
Farmington, NM 87499-4289

Attention: Alan Alexander

Re: Allison Unit I, Sec. No.  
752, San Juan, NM,  
La Plata and Archuleta  
Counties, Colorado  
1985 Drilling Program

Dear Mr. Alexander:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

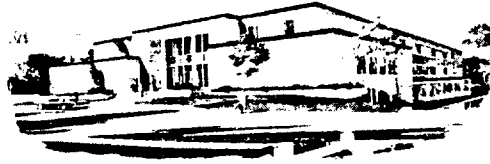
Sincerely,

ROY E. JOHNSON  
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe  
Bureau of Land Management - Albuquerque  
OCD District Office - Aztec

# State of New Mexico



JIM BACA  
COMMISSIONER

## Commissioner of Public Lands

May 3, 1985

El Paso Natural Gas Company  
P. O. Box 4289  
Farmington, New Mexico 87499-4289

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

Express Mail Delivery Unit  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Re: 1985 Drilling Program  
Allison Unit  
San Juan 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 Allison Unit Area, San Juan County, New Mexico and La Plata and Archuleta Counties, Colorado. 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 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

#224

**El Paso**  
Exploration Company

P. O. BOX 4289  
FARMINGTON, NEW MEXICO 87499-4289  
PHONE 505-325-2841

March 12, 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: Allison Unit I, Section No. 752  
San Juan County, New Mexico  
La Plata and Archuleta Counties,  
Colorado  
1985 Drilling Program

Gentlemen:

By letter dated March 14, 1984, El Paso Natural Gas Company, as Unit Operator, for the Allison 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 Allison Unit is as follows:

Mesaverde	16
Dakota	6
Dakota (Non-Commercial)	3
Dual (Mesaverde/Dakota)	13
Dual (Mesaverde/Dakota)	
(Dakota Non-Commercial)	<u>3</u>
	41

Pursuant to Section 10 of the Allison 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 at the above address.

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

Very truly yours,



Alan Alexander  
District Land Manager *WJL*

AA:VLG:gm  
attachment  
Allison Unit, 3.0

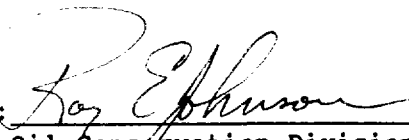
cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil & Gas Accounting Division  
Post Office Box 2308  
Santa Fe, New Mexico 87501

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: 3-18-85

The foregoing approvals are for the 1985 Drilling Program for the  
Allison Unit No. 752, San Juan County, New Mexico, and La Plata.  
and Archuleta Counties, Colorado



ALLISON UNIT WORKING INTEREST OWNERS

Amerada Hess Corporation

Arco Oil & Gas Company

Castle, Inc.

Conoco, Inc.

Jane Phillips Ladoucer

Suzanna Phillips Kelly

Petro-Lewis Corporation

Mr. H. H. Phillips

H. H. Phillips, Jr.

Ashton J. Fischer

Tenneco Oil Company

Wintergreen Energy Corporation

May 21, 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: Allison Unit I, Section NO. 752  
San Juan County, New Mexico  
and La Plata and Archuleta Counties,  
Colorado  
1984 Drilling Program

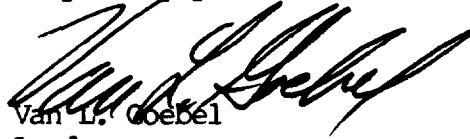
Gentlemen:

The 1984 Drilling Program for the Allison Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management	4-13-84
Commissioner of Public Lands	4-26-84
Oil Conservation Commission	3-26-84

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,

  
Van L. Goebel  
Landman  
Land Department

VLG:cc  
Allison Unit, 3.0

ALLISON UNIT  
Working Interest Owners

Amerada Hess Corporation (3)

Atlantic Richfield Company (3)

Castle, Inc.

Conoco, Inc.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Petro-Lewis Corporation

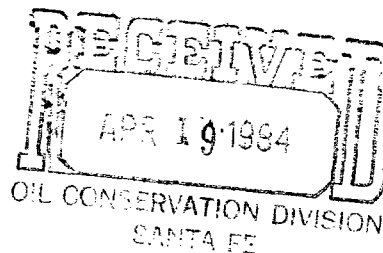
Mr. H. H. Phillips

H. H. Phillips, Jr.

Winnie A. Phillips

Tenneco Oil Company

Wintergreen Energy Corporation



APR 13 1984

El Paso Natural Gas Company  
Attention: Mr. D.M. Canfield  
P.O. Box 1492  
El Paso, Texas 79978

Gentlemen:

Two approved copies of your 1984 plan of development for the Allison unit area San Juan County, New Mexico, are enclosed. Such plan, proposing the drilling of no wells during the calendar year of 1984 was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(- Wd. SEC.) JAMES V. UTTER

For District Manager

Enclosures

cc:  
NMOCD ✓  
Com. of Public Land  
Fluids Section (FRAH) (w/encl)  
Micrographics (w/encl)  
File: Allison Unit (POD File)  
O&G Chrono

015:JClancy:mn:04/11/84:0566P

# State of New Mexico



JIM BACA  
COMMISSIONER



## Commissioner of Public Lands

April 26, 1984

El Paso Natural Gas Company  
P. O. Box 1492  
El Paso, Texas 79978

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148  
Express Mail Delivery Unit  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Re: Allison Unit  
1984 Plan of Development  
San Juan County, New Mexico

ATTENTION: Mr. D. N Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the Allison Unit area San Juan County, New Mexico. Such plan 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

#224

**El Paso**  
Natural Gas Company

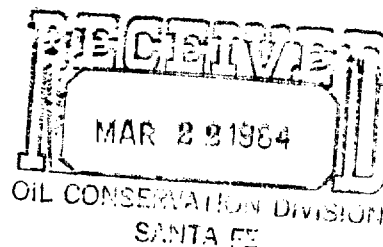
P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-541-2600

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: Allison Unit I, Section No. 752  
San Juan County, New Mexico and  
La Plata and Archuleta Counties,  
Colorado  
1984 Drilling Program

Gentlemen:

By letter dated June 30, 1983, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1983. This program provided for the drilling of one (1) Mesaverde Well (#22 A).

As of this date, the total number of active wells in the Allison Unit is as follows:

Mesaverde	16
Dakota	6
Dakota (Non-commercial)	3
Dual (Mesaverde/Dakota)	13
Dual (Mesaverde/Dakota)	
(Dakota Non-Commercial)	3
	<u>41</u>

Pursuant to Section 10 of the Allison 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,



D. N. Canfield

Attorney-in-Fact



DNC/VLG/cc  
Attachment  
Allison Unit, 3.0

cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil and Gas Accounting Division  
P. O. Box 2308  
Santa Fe, New Mexico 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: 3-26-84

The foregoing approvals for the 1984 Drilling Program for the Allison Unit I,  
Section No. 752, San Juan County, New Mexico, and La Plata and Archuleta  
Counties, Colorado.



ALLISON UNIT  
Working Interest Owners

Amerada Hess Corporation (3)

Atlantic Richfield Company (3)

Castle, Inc.

Conoco, Inc.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Petro-Lewis Corporation

Mr. H. H. Phillips

H. H. Phillips, Jr.

Winnie A. Phillips

Tenneco Oil Company

Wintergreen Energy Corporation



IN REPLY  
REFER TO:

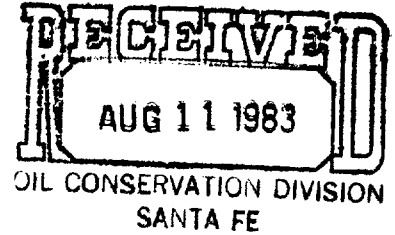
# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
505 Marquette Avenue N.W., Suite 815  
Albuquerque, New Mexico 87102

3100.6 01037

10 AUG 1983

El Paso Natural Gas Company  
Attention: D. N. Canfield  
P. O. Box 1492  
El Paso, Texas 79978



Gentlemen:

Three approved copies of your 1983 Plan of Development for the Allison unit area, San Juan County, New Mexico, and La Plata and Archuleta Counties, Colorado, are enclosed. Such plan, proposing the drilling of a Mesaverde well in the N $\frac{1}{2}$  section 25, T. 32 N., R. 7 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]*

James W. Shelton  
Assistant District Manager  
for Minerals

Enclosures

cc:  
NMOCD  
Comm. of Public Lands  
Farmington RA (w/encl.)

#224

**El Paso**  
Exploration Company

P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-541-2600

August 17, 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 1148  
Santa Fe, New Mexico 87501

Re: Allison Unit I Section No. 752  
San Juan County, New Mexico and  
La Plata and Archuleta Counties, Colorado  
1983 Drilling Program

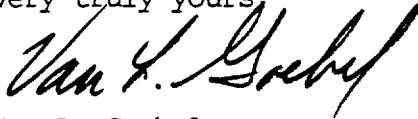
Gentlemen:

The 1983 Drilling Program for the Allison Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management	8-10-83
Commissioner of Public Lands	7-28-83
Oil Conservation Commission	7-29-83

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,



Van L. Goebel  
Landman  
Land Department

VLG:lgn  
Allison Unit, 3.0

ALLISON UNIT  
Working Interest Owners

Amerada Hess Corporation (3)

Atlantic Richfield Company (3)

Castle, Inc.

Conoco, Inc.

Suzanna Phillips Kelly

Jane Phillips Ladouceur

Mr. H. H. Phillips

H. H. Phillips, Jr.

Winnie A. Phillips

Tenneco Oil Company

Wintergreen Energy Corporation

# State of New Mexico



JIM BACA  
COMMISSIONER



## Commissioner of Public Lands

July 28, 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: 1983 Drilling Program  
Allison Unit  
San Juan County, New Mexico

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Drilling Program for the Allison Unit, San Juan County, New Mexico, and La Plata and Archuleta Counties, Colorado. Such program proposes the drilling of Unit Well No. 22A which will test the Mesaverde 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

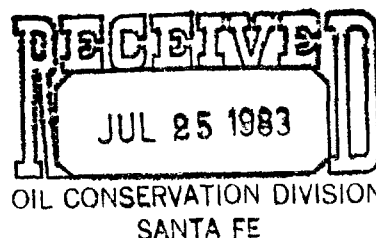
JB/RDG/pm  
encls  
cc:

OCD-Santa Fe, New Mexico  
BLM-Albuquerque, New Mexico  
BLM-Roswell, New Mexico

**El Paso** NATURAL GAS  
COMPANY

P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-543-2600

June 30, 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

# 224

Re: Allison Unit I Section No. 752  
San Juan County, New Mexico, and  
La Plata and Archuleta Counties,  
Colorado  
1983 Drilling Program

Gentlemen:

By letter dated July 21, 1982, El Paso Natural Gas Company, as Unit Operator, for the Allison Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1982. This program provided for the drilling of one (1) Mesaverde Well (Com #60). The Allison Unit portion of this well is within the Mesaverde Participating Area.

As of this date, the total number of active wells in the Allison Unit is as follows:

Mesaverde	15
Dakota	6
Dakota (Non-commercial)	3
Dual (Mesaverde/Dakota)	13
Dual (Mesaverde/Dakota)	
(Dakota Non-commercial)	3
	<u>40</u>

Pursuant to Section 9 of the Allison 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 30, 1983  
Page Two

<u>Well</u>	<u>Drilling Block</u>	<u>Formation</u>
#22A	N/2 Section 25-32N-7W	Mesaverde

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.

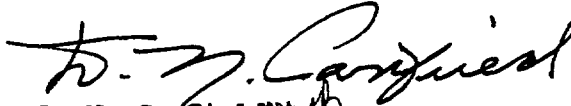
El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

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

  
D. N. Canfield  
Attorney-in-Fact

DNC:MLB:ljg  
Attachment  
Allison Unit, 3.0

cc: Mr. Antonio Martinez, Executive Director  
New Mexico Oil and Gas Accounting Division  
P. O. Box 2308  
Santa Fe, New Mexico 87501

ALLISON UNIT  
Working Interest Owners

Amerada Hess Corporation (3)

Atlantic Richfield Company (3)

Castle, Inc.

Conoco, Inc.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Mr. H. H. Phillips

H. H. Phillips, Jr.

Winnie A. Phillips

Tenneco Oil Company

Wintergreen Energy Corporation



APPROVED:

Minerals Management Service  
(Subject to like approval by the  
Commissioner of Public Lands and  
the Oil Conservation Division)

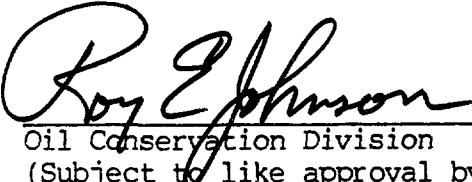
DATED: \_\_\_\_\_

APPROVED:

Commissioner of Public Lands  
(Subject to like approval by the  
Minerals Management Service and  
the Oil Conservation Division)

DATED: \_\_\_\_\_

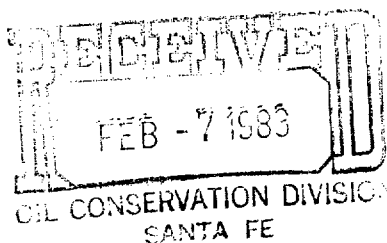
APPROVED:

  
Oil Conservation Division  
(Subject to like approval by the  
Minerals Management Service and  
the Commissioner of Public Lands)

DATED: 7-29-83

The foregoing approvals for the 1983 Drilling Program for the Allison Unit I,  
Section No. 752, San Juan County, New Mexico, and La Plata and Archuleta  
Counties, Colorado.

**El Paso** NATURAL GAS  
COMPANY



P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-543-2600

February 1, 1983

Bureau of Land Management  
South Central Region  
505 Marquette Avenue, N.W., Suite 815  
Albuquerque, New Mexico 87102

224

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: Allison Unit, I. Sec. No. 752  
San Juan County, New Mexico  
La Plata and Archuleta  
Counties, Colorado  
NOTICE OF COMPLETION OF  
ADDITIONAL WELLS,  
Mesaverde and Dakota Formations

Gentlemen:

Pursuant to Section 10 of the Allison Unit Agreement, I. Sec. No. 752, approved August 22, 1950, El Paso Natural Gas Company, as Unit Operator, hereby advises that the following five (5) Mesaverde and two (2) Dakota wells have been completed upon acreage committed the the Allison Unit:

The Allison Unit #41A Well was completed on May 17, 1981. The Mesaverde Formation was tested on May 26, 1981, with an after frac gauge of 1943 MCF/D. The spacing unit for this well is described as the W/2 of Section 29, Township 32 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Allison Unit #57 Well was completed on May 28, 1981. The Dakota Formation was tested on June 16, 1981, with an after frac gauge of 3513 MCF/D. The Mesaverde Formation was tested on June 24, 1981, with an after frac gauge of 3798 MCF/D. The spacing unit for this well is described as the W/2 of Section 13, Township 32 North, Range 7 West, N.M.P.M., containing 330.27 acres.

Regulatory Agencies  
February 1, 1983  
Page Two

The Allison Unit #5A Well was completed on June 25, 1981. The Mesaverde Formation was tested on June 18, 1981, with an after frac gauge of 982 MCF/D. The Dakota Formation was tested on June 25, 1981, with an after frac gauge of 2614 MCF/D. The spacing unit for this well is described as the E/2 of Section 16, Township 32 North, Range 7 West, N.M.P.M., containing 320.00 acres.

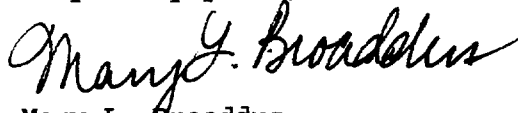
The Allison Unit Com #60 Well was completed on October 18, 1982. The Mesaverde Formation was tested on October 26, 1982, with an after frac gauge of 1587 MCF/D. The spacing unit for this well is described as the N/2 of Section 26, Township 32 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The Allison Unit #44 Well was completed on September 8, 1981. The Mesaverde Formation was tested on September 8, 1981, with an after frac gauge of 867 MCF/D. The spacing unit for this well is described as the W/2 of Section 30, Township 32 North, Range 7 West, N.M.P.M., containing 314.42 acres.

All of the above wells are located within the current boundaries of the respective Participating Areas.

A copy of this letter is being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Mary L. Broadus  
Landman  
Land Department

MLB:ljg  
Attachment  
Allison Unit, 4.2.1

ALLISON UNIT  
Working Interest Owners

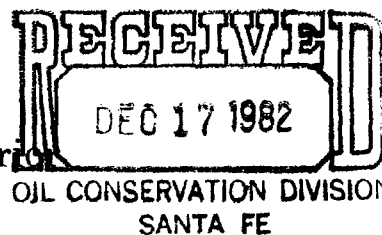
Amerada Hess Corporation (3)  
Atlantic Richfield Company (3)  
Wintergreen Energy Corporation  
Castle, Inc.  
Conoco, Inc.  
Suzanna Phillips Kelly  
Jane Phillips Ladoucer  
Mr. H. H. Phillips  
H. H. Phillips, Jr.  
Winnie A. Phillips  
Tenneco Oil Company



IN REPLY  
REFER TO:

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
SOUTH CENTRAL REGION  
505 MARQUETTE AVENUE, N.W., SUITE 815  
ALBUQUERQUE, NEW MEXICO 87102



DEC 15 1982

# 224

El Paso Natural Gas Company  
Attention: Mr. James R. Permenter  
P. O. Box 1492  
El Paso, Texas 79978

Gentlemen:

Your application of November 22, 1982 requesting approval of the Seventeenth Revision of the Mesaverde participating area, Allison Unit Agreement, San Juan County, New Mexico, La Plata and Archuleta Counties, Colorado, I-Sec. No. 752, was approved on this date by the Deputy Minerals Manager, Oil and Gas, Albuquerque, New Mexico, effective as of June 1, 1981.

The Seventeenth Revision adds 320.00 acres described as the W $\frac{1}{2}$  sec. 28, T. 32 N., R. 6 W., San Juan County, New Mexico, which enlarges the total participating area to 12,166.33 (11,836.33 committed) acres. This revision is based upon the information contributed by the well No. 52, located 890 feet from the South line and 1760 feet from the West line of section 28, T. 32 N., R. 6 W., N.M.P.M., and completed on May 20, 1981, for an after frac gauge of 1587 Mcf/d from the Mesaverde Formation.

Copies of the approved application are being distributed to the appropriate Federal offices and three approved copies are enclosed.

You are requested to furnish the State of New Mexico and other interested parties with appropriate evidence of this approval.

Sincerely yours,

(SIGNED) JAMES R. PERMENTER

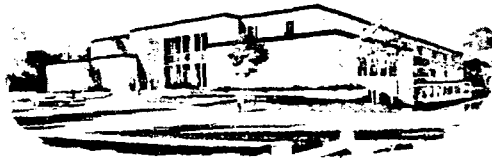
FOR

Gene F. Daniel  
Deputy Minerals Manager  
Oil and Gas

Enclosures

CC:  
BLM, Santa Fe  
Comm of Pub Lands, Santa Fe  
NMOCD, Santa Fe

# State of New Mexico



ALEX J. ARMIJO  
COMMISSIONER

## Commissioner of Public Lands

December 21, 1982

P. O. BOX 1148  
SANTA FE, N. M. 87504-1148

El Paso Exploration Company  
P. O. Box 1492  
El Paso, Texas 79978

# 224

Re: Allison Unit  
Seventeenth Expanded  
Participating Area  
Mesaverde Formation  
San Juan County, New Mexico

ATTENTION: Mr. James R. Permenter

Gentlemen:

The Commissioner of Public Lands has this date approved your Seventeenth Expanded Participating Area for the Mesaverde Formation, for the Allison Unit, San Juan County, New Mexico and La Plata and Archuleta Counties, Colorado. This approval is subject to like approval by the United States Minerals Management Service and the New Mexico Oil Conservation Division.

The Seventeenth Revision adds 320.00 acres described as the W/2 of Section 28, Township 32 North, Range 6 West., N.M.P.M. and is based upon information submitted for the Well No. 52.

Enclosed is an approved copy for your files.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505/827-5744

AJA/RDG/pm  
encls.

cc: OCD-Santa Fe, New Mexico  
USMMS-Albuquerque, New Mexico  
Administration



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

December 1, 1982

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

*Case 224*

EL PASO EXPLORATION CO.  
P. O. Box 1492  
El Paso, Texas 79978

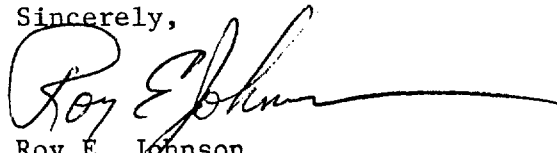
ATTENTION: James R. Permenter

RE: Allison Unit  
Seventeenth Expanded  
Participating Area  
Mesaverde Formation  
San Juan County, NM

Dear Sir:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the U. S. Minerals Management Service.

Sincerely,

  
Roy E. Johnson  
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe  
Minerals Management Service - Albuquerque  
OCD District Office

**El Paso**  
Exploration Company

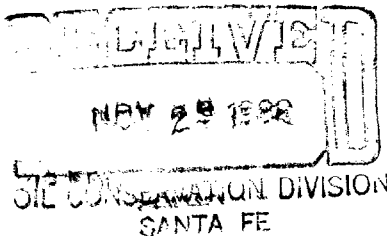
P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-541-2600

November 22, 1982

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: Allison Unit, I Sec. No. 752  
San Juan County, New Mexico  
La Plata and Archuleta Counties,  
Colorado - REQUEST FOR APPROVAL  
OF THE SEVENTEENTH EXPANDED  
PARTICIPATING AREA, Mesaverde  
Formation, effective June 1, 1981

Gentlemen:

Pursuant to Section 10 of the Allison Unit Agreement, I Sec. No. 752, approved August 22, 1950, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Seventeenth Expanded Participating Area for the Mesaverde Formation, Allison Unit, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following lands reasonably estimated to be productive in paying quantities from the Mesaverde Formation:

Seventeenth Expanded Participating Area - Effective June 1, 1981

<u>Description of Lands</u>	<u>Acres</u>
<u>Township 32 North, Range 6 West</u> <u>Section 28: W/2</u>	320.00



The lands described above are proven to be productive by the following:

The Allison Unit #52 Well, located 890' from the South line and 1760' from the West line of Section 28, Township 32 North, Range 6 West, N.M.P.M., was spudded on October 26, 1980, and completed on May 20, 1981, at a total depth of 6423'. The Mesaverde Formation at the intervals of 5667', 5698', 5710', 5758', 5762', 5787', 5791', 5821', 5826', 5838', 5968', 5972', 5984', 5987', 5990', 5994', 5997', 6020', 6027', 6032', 6038', 6048', 6055', 6061', 6088', 6151', 6159', 6207', 6239', 6256', 6317', 6339', 6401', and 6405' was treated with a sand-water fracturing process on May 8 and 10, 1981. The well was shut-in on May 13, 1981, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on May 20, 1981, with an after frac gauge of 1587 MCF/D, with an SIPC of 1275 psia and an SIPT of 1025 psia. The spacing unit for this well is described as the W/2 of Section 28, Township 32 North, Range 6 West, N.M.P.M., containing 320.00 acres.

Filed in support of this Expansion, are the following listed Exhibits which are made a part hereof:

Exhibit "A"

Ownership map reflecting the boundaries of the Allison Unit and the proposed Seventeenth Expanded Participating Area, Mesaverde Formation

Exhibit "B"

Geological Report on the Seventeenth Expanded Participating Area, Mesaverde Formation

Exhibit "C"

Structural contour and Isapach map

Attached is Schedule XVIII showing the entire Mesaverde Participating Area for the Allison Unit and reflecting the Seventeenth Expansion. Schedule XVIII describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the varied ownership in said tract.

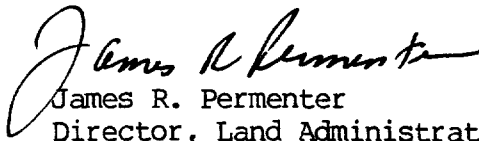
Regulatory Agencies  
November 22, 1982  
Page Three

Inasmuch as Section 10 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month following the date of first authentic knowledge or information on which such revision is predicated, unless a more appropriate effective date is specified in the schedule", the Seventeenth Expanded Participating Area, Mesaverde Formation, will be effective June 1, 1981.

If the Seventeenth Expanded Participating Area, Mesaverde Formation, meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our records.

A copy of this letter and of Schedule XVIII is being sent to the working interest owners shown on the attached sheet.

Very truly yours,

  
James R. Permenter  
Director, Land Administration  
Land Department *mlb*

JRP:MLB:ljg  
Enclosures  
Allison Unit, 4.2

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:

12-1-82

The foregoing approval is for the Seventeenth Expanded Participating Area for the Mesaverde Formation, effective June 1, 1981, under the Allison Unit Area, I Sec. No. 752, San Juan County, New Mexico, La Plata and Archuleta Counties, Colorado.

ALLISON UNIT  
Working Interest Owners

Amerada Hess Corporation (3)

Atlantic Richfield Company (3)

Wintergreen Energy Corporation

Castle, Inc.

Conoco, Inc.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Mr. H. H. Phillips

H. H. Phillips, Jr.

Winnie A. Phillips

Tenneco Oil Company

EXHIBIT "B"  
ALLISON UNIT  
SAN JUAN COUNTY, NEW MEXICO  
ARCHULETA AND LA PLATA COUNTIES, COLORADO  
GEOLOGIC REPORT  
MESAVERDE PRODUCING INTERVAL  
PROPOSED SEVENTEENTH EXPANSION  
OF THE MESAVERDE PARTICIPATING AREA

EL PASO NATURAL GAS COMPANY


By:   
D. E. Adams, Director  
Reservoir Engineering Dept.

EXHIBIT "B"

ALLISON UNIT  
SAN JUAN COUNTY, NEW MEXICO  
ARCHULETA AND LA PLATA COUNTIES, COLORADO

GEOLOGIC REPORT  
MESAVERDE PRODUCING INTERVAL

PROPOSED SEVENTEENTH EXPANSION  
OF THE MESAVERDE PARTICIPATING AREA

INTRODUCTION

The Allison Unit is situated in the northern portion of the San Juan Basin and occupies a part of the southern and southwestern flank of the Ignacio structure of Colorado. It lies predominantly in Township 32 North, Ranges 6 and 7 West, San Juan County, New Mexico, with small amounts of acreage in Township 32 North, Ranges 6 and 7 West, Archuleta and La Plata Counties, Colorado.

The proposed seventeenth expansion of the Mesaverde participating area is recommended on the basis of the completion of the Allison Unit #52 in the SW/4 of Section 28 T32N R6W.

Included with this report is one map which presents the up-to-date structural interpretation (Exhibit "C", Figure No. 1), of the Mesaverde formation underlying the proposed area.

A detailed discussion of the lithology and stratigraphy of the Mesaverde formation may be found in a geological report submitted for the proposed tenth and eleventh expansions of the Mesaverde participating area.

PROPOSED SEVENTEENTH EXPANSION  
OF THE MESAVERDE PARTICIPATING AREA

Effective Date: June 1, 1981

The proposed seventeenth expansion of the Mesaverde Participating Area of the Allison Unit is based on El Paso Natural Gas Company's Allison No. 52 Mesaverde well, which is located 890' FSL and 1,760' FWL, Section 28, Township 32 North, Range 6 West, San Juan County, New Mexico. This well was tested on May 20, 1981 with the following results:

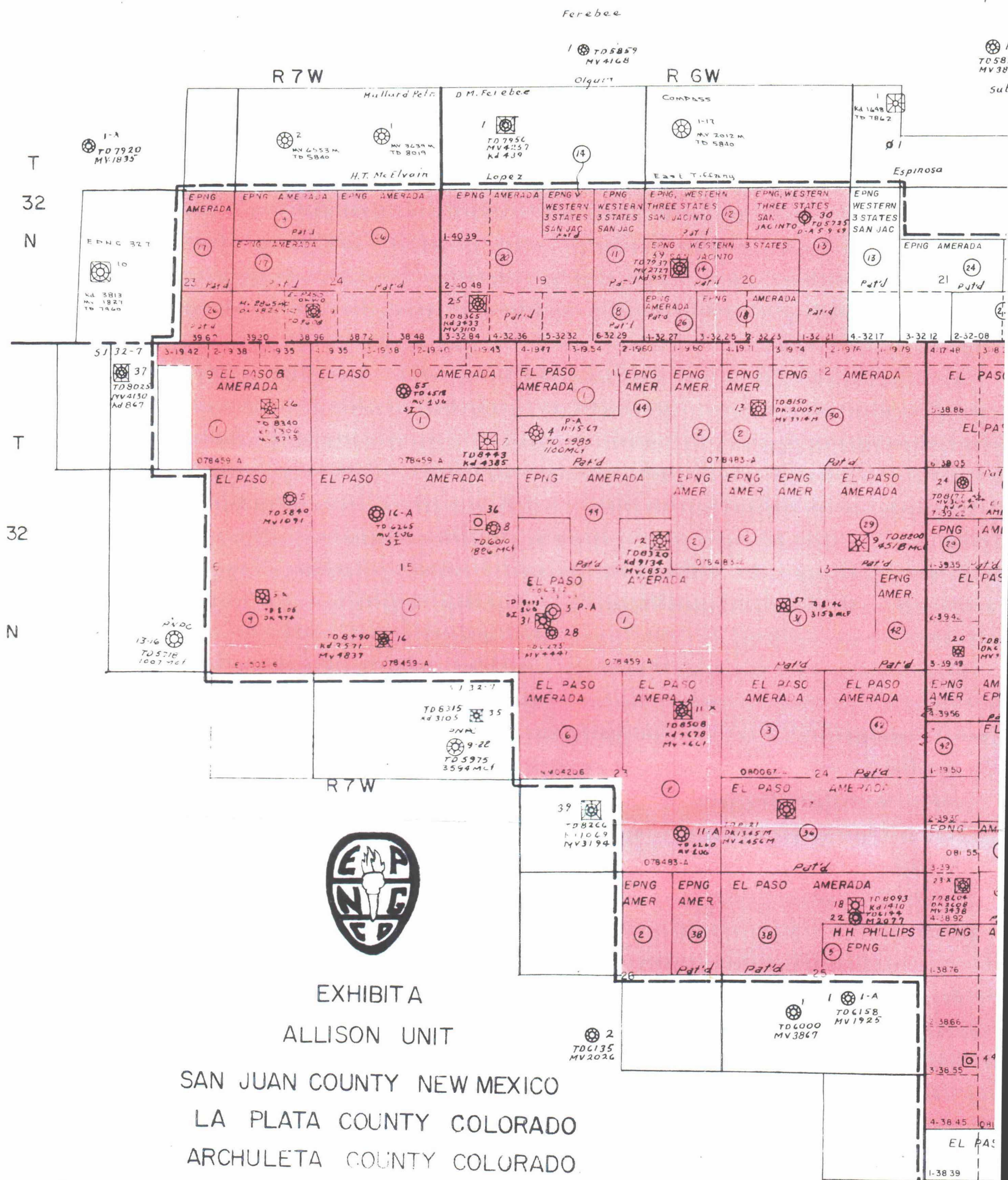
SIPC	1,275 psia
SIPT	1,025 psia
AFG	1,587 Mcf/D

Proposed Expanded Acreage

Township 32 North, Range 6 West  
San Juan County, New Mexico  
West Half of Section 28

All of the above acreage is considered to be within the established trend of commercial production.





EXHIBITA  
ALLISON UNIT

SAN JUAN COUNTY NEW MEXICO  
LA PLATA COUNTY COLORADO  
ARCHULETA COUNTY COLORADO

APPROVED 22 AUG. 1950  
UNIT AGREEMENT  
NUMBER 1 SEC. NO. 752

ACREAGE	PERCENT		
FEDERAL LANDS - 5825.71	42.26775	PICTURED CLIFFS PARTICIPATING AREA,	
STATE LANDS 640.00	4.64345	MESAVERDE PARTICIPATING AREA	
PATENTED LANDS-7,284.87	52.85452	DAKOTA PARTICIPATING AREA	
PICTURED CLIFFS		NOT COMMITTED	
MESAVERDE		WELLS DETERMINED TO BE NON-COMMERICAL	
DAKOTA			

FOR UNIT PURPOSES



**El Paso**  
Exploration Company

OCT 19 1982  
OIL CONSERVATION  
SANTA FE

P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-541-2600

October 14, 1982

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

224

Re: Allison Unit  
San Juan County, New Mexico  
La Plata and Archuleta Counties,  
Colorado  
1982 Drilling Program

Gentlemen:

Approval of our 1982 Drilling Program was received from your respective agencies on the following dates:

Minerals Management Service	8/18/82
Commissioner of Public Lands	7/28/82
Oil Conservation Division	7/28/82

Very truly yours,

*Mary L. Broaddus*

Mary L. Broaddus  
Landman  
Land Department

MLB:ljg  
Allison Unit, 3.0

cc: Working Interest Owners  
John Ahlm

ALLISON UNIT  
Working Interest Owners

Amerada Hess Corporation (3)

Atlantic Richfield Company (3)

Wintergreen Energy Corporation

Castle, Inc.

Conoco, Inc.

Suzanna Phillips Kelly

Jane Phillips Ladoucer

Mr. H. H. Phillips

H. H. Phillips, Jr.

Winnie A. Phillips

Tenneco Oil Company



IN REPLY  
REFER TO

# United States Department of the Interior

MINERALS MANAGEMENT SERVICE

SOUTH CENTRAL REGION  
505 MARQUETTE AVENUE, N.W., SUITE 815  
ALBUQUERQUE, NEW MEXICO 87102

AUG 18 1982

El Paso Natural Gas Company  
Attention: D. N. Canfield  
P. O. Box 1492  
El Paso, Texas 79978

224

Gentlemen:

Three approved copies of your 1982 plan of development for the Allison unit area, La Plata and Archuleta Counties, Colorado, are enclosed. Such plan, proposing the drilling of one Mesaverde well 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.

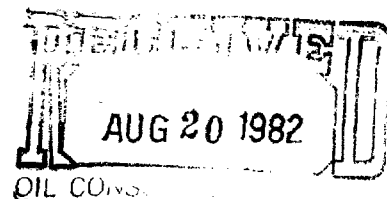
Sincerely yours,

(ORIG. SCD.) GENE F. DANIEL

Gene F. Daniel  
Deputy Minerals Manager  
Oil and Gas

Enclosure

cc:  
NMOCD  
Comm. of Public Lands



SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
TRACT 41							
Fee	T-32-N, R-6-W Sec. 18: SE/4 SW/4 Sec. 19: NE/4, E/2 NW/4, NW/4 SE/4	320.00	Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50% 43.75% 43.75% 0.00% 100.00%	12.50% 43.75% 43.75% 0.00% 100.00%	2.703541	
TRACT 42							
Fee	T-32-N, R-6-W Sec. 18: Lot 4 Sec. 19: Lot 1 T-32-N, R-7-W Sec. 13: E/2 SE/4 Sec. 24: NE/4	319.06	Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50% 43.75% 43.75% 0.00% 100.00%	12.50% 43.75% 43.75% 0.00% 100.00%	2.695599	
TRACT 43							
Fee	T-32-N, R-6-W Sec. 29: SW/4 SW/4 Sec. 30: E/2 SE/4, SW/4 SE/4	160.00	Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50% 43.75% 43.75% 0.00% 100.00%	12.50% 43.75% 43.75% 0.00% 100.00%	1.351770	

SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 44						
Fee	T-32-N, R-7-W	320.00				2.703541
	Sec. 11: S/2 SW/4, W/2 SE/4		Royalty: Working Interest	12.50%	12.50%	
	Sec. 14: N/2 NW/4, SE/4 NW/4, NW/4 NE/4		El Paso Natural Gas Co. Amerada Hess Corp. ORRI	43.75% 43.75% 0.00%	43.75% 43.75% 0.00%	
			TOTAL	100.00%	100.00%	
TRACT 46						
Fee	T-32-N, R-6-W	158.76				1.341294
	Sec. 19: SE/4 SW/4		Royalty: Working Interest	12.50%	12.50%	
	Sec. 30: Lot 1, NE/4 NW/4 NW/4 NE/4		El Paso Natural Gas Co. Amerada Hess Corp. ORRI	43.75% 43.75% 0.00%	43.75% 43.75% 0.00%	
			TOTAL	100.00%	100.00%	

SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
RECAPITULATION							
Description of Lands in Participating Area:							
<u>NEW MEXICO</u>							
Township 32 North, Range 6 West, N.M.P.M.							
Sections 7, 17, 18, 19, 29, 30: All							
Sections 16, 20, 21, 28: W/2							
Township 32 North, Range 7 West, N.M.P.M.							
Section 9: Lots 1, 2, 3, E/2 SW/4, SE/4							
Sections 10, 11, 12, 13, 14, 15, 24: All							
Section 16: E/2							
Section 23: N/2, SE/4							
Section 25: N/2							
Section 26: NE/4							
<u>COLORADO</u>							
Township 32 North, Range 6 West, N.M.P.M.							
Sections 19, 20: All							
Township 32 North, Range 7 West, N.M.P.M.							
Section 23: E/2 NE/4, NE/4 SE/4 (E/2 E/2)							
Section 24: All							
Total Number of Acres in Participating Area:						11,836.33	

SCHEDULE XVIII  
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
ALLISON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 1</u>							
SF 078459-B	T-32-N, R-7-W	1,874.32					15.835314%
	Sec. 9: Lots 1,2,3, E/2 SW/4, SE/4			Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50%	12.50%	
	Sec. 10: Lots 1,2,3,4, S/2				41.00%	41.00%	
	Sec. 11: Lots 2,3,4, N/2 SW/4				41.00%	5.50%	
	Sec. 14: SW/4 NW/4, SW/4 NE/4, S/2			TOTAL	100.00%	100.00%	
	Sec. 15: All						
<u>TRACT 2</u>							
SF 078483-A	T-32-N, R-7-W	759.31					6.415080%
	Sec. 11: Lot 1, E/2 SE/4			Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50%	12.50%	
	Sec. 12: Lot 4, W/2 SW/4				41.00%	41.00%	
	Sec. 13: W/2 NW/4				41.00%	5.50%	
	Sec. 14: E/2 NE/4			TOTAL	100.00%	100.00%	
	Sec. 23: E/2						
	Sec. 26: W/2 NE/4						
<u>TRACT 3</u>							
SF 080067-A	T-32-N, R-7-W	160.00					1.351770%
	Sec. 24: NW/4			Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50%	12.50%	
					41.50%	41.50%	
				TOTAL	100.00%	100.00%	

SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
TRACT 4							
SF 081155	T-32-N, R-6-W Sec. 19: Lots 2,3,4, NE/4 SW/4, E/2 SE/4, SW/4 SE/4	1,872.99	Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI		12.50%	12.50%	15.824077
	Sec. 21: W/2				41.50%	41.50%	
	Sec. 28: W/2				41.50%	41.50%	
	Sec. 29: NW/4, N/2 SW/4, SE/4 SW/4, E/2				4.50%	4.50%	
	Sec. 30: Lots 2,3,4, SE/4 NW/4, E/2 SW/4, S/2 NE/4, NE/4 NE/4			TOTAL	100.00%	100.00%	
TRACT 5							
NM 01745	T-32-N, R-7-W Sec. 25: S/2 NE/4	80.00	Royalty: Working Interest: El Paso Natural Gas Co. Phillips Drilling Co. ORRI		12.50%	12.50%	.675885
					43.75%	43.75%	
					43.75%	43.75%	
					0.00%	0.00%	
				TOTAL	100.00%	100.00%	
TRACT 6							
NM 04206	T-32-N, R-7-W Sec. 23: NW/4	160.00	Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI		12.50%	12.50%	1.351770
					41.00%	41.00%	
					41.00%	41.00%	
					5.50%	5.50%	
				TOTAL	100.00%	100.00%	



SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

TRACT 7

NM 04207	T-32-N, R-6-W	799.05				
	Sec. 7: Lot 6,					
	NE/4 SW/4,			12.50%	12.50%	
	N/2 SE/4			41.00%	41.00%	
	(N/2 S/2)			41.00%	41.00%	
	Sec. 17: E/2, E/2 W/2,			5.50%	5.50%	
	SW/4 SW/4			100.00%	100.00%	
	Sec. 18: S/2 SE/4					
	Sec. 30: NW/4 SE/4					
	TOTAL					6.750826

TRACT 8

I-22-Ind. 792	(Colorado)					
	T-32-N, R-6-W	32.29				
	Sec. 19: Lot 6					
	(NE/4 SE/4)			12.50%	12.50%	
				43.75%	43.75%	
	Royalty: Interest:			43.75%	43.75%	
	Working			0.00%	0.00%	
	El Paso Natural Gas Co.			100.00%	100.00%	
	Amerada Hess Corp.					
	ORRI					
	TOTAL					.272804

TRACT 9

E-503	T-32-N, R-7-W	320.00				
	Sec. 16: E/2					
				12.5000%	12.5000%	
	Royalty: Interest:			75.5625%	75.5625%	
	Working			11.9375%	11.9375%	
	El Paso Natural Gas Co.			100.0000%	100.0000%	
	Amerada Hess Corp.					
	ORRI					
	TOTAL					2.703541

SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 10						
E-504	T-32-N, R-6-W Sec. 16: W/2	320.00	Royalty: Working Interest: El Paso Natural Gas Co. ORRI	12.5000% 76.5625% 10.9375% 100.0000%	12.5000% 76.5625% 10.9375% 100.0000%	2.70354%
TRACT 11						
Fee	(Colorado) T-32-N, R-6-W Sec. 19: E/2 NE/4	80.00	Royalty: Working Interest: El Paso Natural Gas Co. Atlantic Richfield Co. Conoco, Inc. Tenneco Oil Co. ORRI	12.50% 43.75% 21.87% 16.41% 5.47% 0.00% 100.00%	12.50% 43.75% 21.87% 16.41% 5.47% 0.00% 100.00%	.67588%
TRACT 12						
Fee	(Colorado) T-32-N, R-6-W Sec. 20: N/2 SW/4	80.00*	Royalty: Working Interest: El Paso Natural Gas Co. Atlantic Richfield Co. Tenneco Oil Co. Conoco, Inc. Burton C. Dunn* ORRI	12.500000% 38.281250% 19.140625% 4.785156% 14.355469% 10.937500% 0.000000% 100.000000%	10.937500% 38.281250% 19.140625% 4.785156% 14.355469% 0.000000% 0.000000% 87.500000%	.59140%
*Unleased and not committed to Unit (10.00 Ac.) TOTAL						

SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 13						
Fee	(Colorado) T-32-N, R-6-W 152.21 Sec. 20: Lot 1 (NE/4 SE/4) NW/4 NE/4, E/2 NE/4		Royalty: Working Interest: El Paso Natural Gas Co. Atlantic Richfield Co. Tenneco Oil Co. Conoco, Inc. ORRI	12.50000% 43.75000% 21.87500% 5.46875% 16.40625% 0.00000% 100.00000%	1.28595	
TOTAL						
TRACT 14						
Fee	(Colorado) T-32-W, R-6-W 160.00 Sec. 19: NW/4 NE/4 Sec. 20: S/2 NW/4, SW/4 NE/4		Royalty: Working Interest: El Paso Natural Gas Co. Atlantic Richfield Co. Conoco, Inc. Tenneco Oil Co. ORRI	12.50% 43.75% 21.87% 16.41% 5.47% 0.00% 100.00%	1.35177	
TOTAL						
TRACT 17						
Fee	(Colorado) T-32-N, R-7-W 160.00 Sec. 23: E/2 NE/4 Sec. 24: S/2 NW/4		Royalty: Working Interest: El Paso Natural Gas Co. Amerada Hess Corp. ORRI	12.50% 43.75% 43.75% 0.00% 100.00%	1.35177	
TOTAL						



SAN JUAN BASIN

## SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
<u>TRACT 44</u>						
Fee	T-32-N, R-7-W	320.00	Royalty:	12.50%	12.50%	<u>2.703541%</u>
	Sec. 11: S/2 SW/4, W/2 SE/4		Working Interest			
	Sec. 14: N/2 NW/4, SE/4 NW/4, NW/4 NE/4		El Paso Natural Gas Co. Amerada Hess Corp. ORRI	43.75% 43.75% 0.00%	43.75% 43.75% 0.00%	
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 46</u>						
Fee	T-32-N, R-6-W	158.76	Royalty:	12.50%	12.50%	<u>1.341294%</u>
	Sec. 19: SE/4 SW/4		Working Interest:			
	Sec. 30: Lot 1, NE/4 NW/4 NW/4 NE/4		El Paso Natural Gas Co. Amerada Hess Corp. ORRI	43.75% 43.75% 0.00%	43.75% 43.75% 0.00%	
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	

Effective June 1, 1981

# SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

## RECAPITULATION

Description of lands in Participating Area:

### NEW MEXICO

Township 32 North, Range 6 West, N.M.P.M.  
Sections 7, 17, 18, 19, 29, 30: All  
Sections 16, 20, 21, 28: W/2

Township 32 North, Range 7 West, N.M.P.M.  
Section 9: Lots 1, 2, 3, E/2 SW/4, SE/4  
Sections 10, 11, 12, 13, 14, 15, 24: All  
Section 16: E/2  
Section 23: N/2, SE/4  
Section 25: N/2  
Section 26: NE/4

### COLORADO

Township 32 North, Range 6 West, N.M.P.M.  
Sections 19, 20: All

Township 32 North, Range 7 West, N.M.P.M.  
Section 23: E/2 NE/4, NE/4 SE/4 (E/2 E/2)  
Section 24: All

Total Number of Acres in Participating Area:

11,836.33