

# PATRICK H. LYONS COMMISSIONER

# State of New Mexico Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148 COMMISSIONER'S OFFICE

Phone (505) 827-5760 Fax (505) 827-5766 www.nmstatelands.org

July 10, 2003

ConocoPhillips P.O. Box 2197 Houston, Texas 77252-2197

Attn:

Mr. Tom Scarbrough

Re:

2003 Plan of Development

Lindrith "B" Unit

Rio Arriba County, New Mexico

Dear Mr. Scarbrough:

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

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

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

Very truly yours,

PATRICK H. LYONS

COMMISSIONER OF PUBLIC LANDS

FUC JAMI BAILEY, Diffector

Oil, Gas and Minerals Division

(505) 827-5744

PL/JB/cpm

xc: Reader File

OCD

BLM



March 11, 2003

Bureau of Land Management (3) Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401

1220 South Saint Francis Drive Santa Fe. New Mexico 87505

N.M. Oil Conservation Division (2) Energy & Minerals Department N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, New Mexico 87501-1148

RE: LINDRITH UNIT

RIO ARRIBA COUNTY, NEW MEXICO 2003 PLAN OF DEVELOPMENT

#### Gentlemen:

Energen Resources Corporation (Energen) filed the Plan of Development (POD) for the calendar year 2002 simultaneously with this 2003 POD on March 11, 2003, that program provided for the drilling of no wells.

During 2002 we repaired the casing in the Lindrith NP #12 Pictured Cliffs well, located in the NW/4SE/4 of Section 22-T24N-R3W, and worked over the Lindrith NP #112 Pictured Cliffs well, located in the SESE/4 of Section 26-T24N-R3W.

Pursuant to Section 9 of the Lindrith Unit Agreement, Energen, as Operator, hereby submits a POD providing for the Plugging and Abandonment of the Lindrith NP #12 and Lindrith NP #112 wells during the calendar year 2003.

Conoco, Inc. (successor to Mobil Exploration and Producing U.S., Inc.) as Sub-Operator of depths below the Pictured Cliffs formation, will separtely submit their proposed 2003 POD, covering the Gallup and Dakota formations.

The Pictured Cliffs Participating Area had its thirteenth expansion. As of this date, there are 78 producing, three shut-in and three plugged and abandoned Pictured Cliffs wells in the Lindrith Unit.

LINDRITH UNIT RIO ARRIBA COUNTY, NEW MEXICO 2003 PLAN OF DEVELOPMENT

Energen owns 100% of the working interest in the Pictured Cliffs Participating Area and believes that all current obligations have been satisfied.

Energen, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners.

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

Please contact Richard Corcoran at (505) 325-6800 if there are any questions regarding this letter.

Sincerely,

Richard Corcoran District Landman

RC/ga Enclosures

#### **LINDRITH UNIT 2003 PLAN OF DEVELOPMENT**

APPROVED:		DATE:
	Byreau of Land Management	
APPROVED:	Ky Elohum	DATE: 3/14/03
	Oil Conservation Division	•
APPROVED:		DATE:
	Commissioner of Public Lands	

#### LINDRITH UNIT WORKING INTEREST OWNERS

Energen Resources Corporation Attn: Richard Corcoran 2198 Bloomfield Hwy. Farmington, NM 87401

Conoco, Inc. Attn: Steve Kline 10 Desta Drive West, Suite 100 W Midland, TX 79705

Mr. Frank Yockey Yockey Oil Company Attn: Connie Schaffer PO Drawer 70 Olney, IL 62450 Fax: 618-392-2840



March 11, 2003

Bureau of Land Management (3)
Farmington Resource Area
1235 LaPlata Highway
Farmington, New Mexico 87401

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

N.M. Oil Conservation Division (2) Energy & Minerals Department 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

RE: LINDRITH UNIT

RIO ARRIBA COUNTY, NEW MEXICO 2002 PLAN OF DEVELOPMENT

#### Gentlemen:

Energen Resources Corporation (Energen) filed the Plan of Development (POD) for the calendar year 2001 on February 12, 2003 that program provided for the drilling of no wells. There were no workover, conversions or new drill wells in 2001, however, the following wells were plugged and abandoned:

<u>Well</u>	Location	<u>Formation</u>
Lindrith #15	SE/4 Section 16-T24N-R3W	Pictured Cliffs
Lindrith #98	SW/4 Section 3-T24N-R3W	Pictured Cliffs

The Pictured Cliffs Participating Area had its thirteenth expansion. As of February 2003, there were 78 producing, three shut-in and three plugged and abandoned Pictured Cliffs wells in the Lindrith Unit.

Pursuant to Section 9 of the Lindrith Unit Agreement, Energen, as Operator, submits a no well program for 2002 POD.

Conoco, Inc. (successor to Mobil Exploration & Producing U.S., Inc.) as Sub-Operator of depths below the Pictured Cliffs formation, separately submitted their proposed 2002 POD, covering the Gallup and Dakota formations.

Energen owns 100% of the working interest in the Pictured Cliffs Participating Area and believes that with the late filling of the 2002 POD all current obligations have been satisfied.

Energen, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners.

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

Please contact Richard Corcoran at (505) 325-6800 if there are any questions regarding this letter.

Sincerely,

Richard Corcoran District Landman

RC/ga Enclosures

#### **LINDRITH UNIT 2002 PLAN OF DEVELOPMENT**

APPROVED:		DATE:	
	Bureau of Land Management		
APPROVED:	Oil Conservation Division	DATE: <u>3/14/03</u>	
APPROVED:	V	DATE:	
	Commissioner of Public Lands		

#### LINDRITH UNIT WORKING INTEREST OWNERS

Energen Resources Corporation Attn: Richard Corcoran 2198 Bloomfield Hwy. Farmington, NM 87401

Conoco, Inc. Attn: Steve Kline 10 Desta Drive West, Suite 100 W Midland, TX 79705

Mr. Frank Yockey Yockey Oil Company Attn: Connie Schaffer PO Drawer 70 Olney, IL 62450 Fax: 618-392-2840



Thomas J. Scarbrough

Three Westlake Park - 3WL-4106

P.O. Box 2197

Houston, Texas 77252-2197

Tel. 832-486-2338 Fax. 832-486-2685

February 3, 2003

Bureau of Land Management Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401

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

Oil Conservation Division State of New Mexico 1220 S. Saint Francis Drive Santa Fe, New Mexico 87505-4000

RE: Lindrith "B" Unit; I SEC. #713
Rio Arriba County, New Mexico

2003 Plan of Development

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OIL CONTINUATION
LIGHT

#### Gentlemen:

By letter dated February 7, 2002, Conoco Inc., as Sub-Operator for the referenced Unit, filed the Plan of Development (POD) for the calendar year 2002. That program called for the drilling of four new wells, as listed below:

Well Name	Drill Block	Formation
107	NE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
109	SE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
111	NW/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West
112	NE/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West

During 2002, Conoco did not drill any of the above wells. These wells will be carried forward on the 2003 Plan of Development.

The 2002 Plan of Development also called for the following recompletions:

Well Name	Drill Block	Formation
24	SW/4 Sec 9-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)
26	NW/4 Sec 9-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)
28	NW/4 Sec 16-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)

During 2002, Conoco re-completed the Lindrith Unit # 26 well. The remaining re-completions were not performed and will be carried forward on the 2003 Plan of Development.

The Lindrith "B" Unit currently consists of the following Participating Areas:

FORMATION	EXPANSION	EFFECTIVE DATE
Gallup	Initial	1-1-86
Dakota	4 <sup>th</sup>	11-1-84

Pursuant to Section 9 of the Lindrith Unit Agreement, ConocoPhillips Company, as Unit Sub-Operator of the Lindrith "B" Unit, hereby submits the following program for the 2003 Plan of Development:

#### Carry Forward from 2002 POD:

Well Name	Drill Block	Formation
107	NE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
109	SE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
111	NW/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West
112	NE/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West

#### Recompletions:

Well Name	Drill Block	Formation
24	SW/4 Sec 9-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)
28	NW/4 Sec 16-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)

Maps of each Participating Area are attached.

The working interest owners are being contacted regarding the Plan of Development. ConocoPhillips Company and the working interest owners believe that all current obligations have been satisfied.

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

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

Bureau of Land Management	Date	
cc: Energen Resources Corporation 2198 Bloomfield Highway Farmington, New Mexico 87401		
Attachments		
Tom Scarbrough, CPL		
Tom Scarbrary		
Sincerely,		
Copies of this letter are being sent to the working	interest owners shown on	the attached sheet.
Should you have any questions regarding this (832) 486-2338.	proposal, please contact	Tom Scarbrough at

The foregoing approvals are for the 2003 Plan of Development for the Lindrith "B" Unit, I SEC. #713, Rio Arriba County, New Mexico.

Date

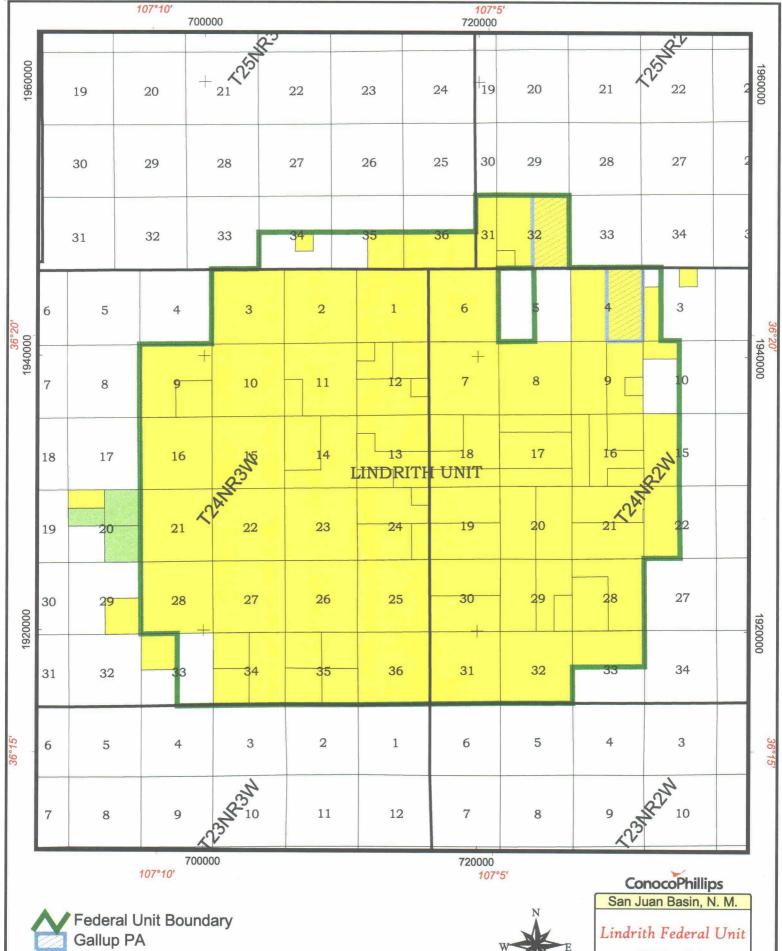
New Mexico Commissioner of Public Lands

New Mexico Oil Conservation Division

## WORKING INTEREST OWNERS Lindrith "B" Unit January 31, 2003

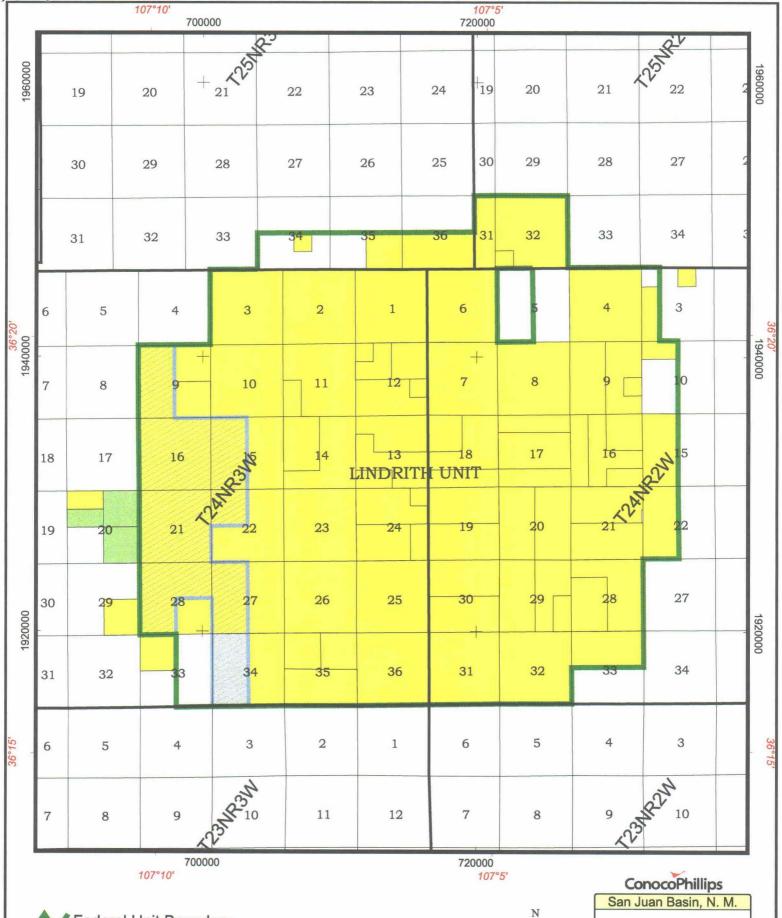
ConocoPhillips Company Attn: Tom Scarbrough 600 N. Dairy Ashford WL3-4106 Houston, TX 77079

Frank Yockey c/o Jerry Doyle Miller, Executor P.O. Drawer 70 Olney, Illinois 62450





Gallup PA Date: 1-31-03
- Map\_\_of\_\_







San Juan Basin, N. M.

Lindrith Federal Unit

Dakota PA

Angela Whitfield Date: 1-31-03
Compiled Up: Map of

COMMISSIONER'S OFFICE Phone (505) 827-5760 Fax (505) 827-5766

ADMINISTRATION Phone (505) 827-5700 Fax (505) 827-5853

GENERAL COUNSEL Phone (505) 827-5713 Fax (505) 827-4262

PUBLIC AFFAIRS Phone (505) 827-1245 Fax (505) 827-5766



## New Mexico State Land Office Commissioner of Public Lands Ray Powell, M.S., D.V.M.

COMMERCIAL RESOURCES Phone (505) 827-5724 Fax (505) 827-6157

MINERAL RESOURCES Phone (505) 827-5744 Fax (505) 827-4739

ROYALTY MANAGEMENT Phone (505) 827-5772 Fax (505) 827-4739

SURFACE RESOURCES Phone (505) 827-5793 Fax (505) 827-5711

March 4, 2002

Conoco Inc. 600 N. Dairy Ashford Dubai 3040 Houston, Texas 77079

Attn:

Mr. Thomas J. (Tom) Scarbrough

Re:

2002 Plan of Development

Lindrith "B" Unit

Rio Arriba County, New Mexico

Dear Mr. Scarbrough:

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

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

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

Very truly yours,

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

JAMI BAILEY, Director Oil, Gas and Minerals Division

(505) 827-5744

RP/JB/cpm xc: Reader File

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Conoco

#159

Thomas J. (Tom) Scarbrough Staff Landman Lobo/San Juan Business Unit Exploration Production, North America Conoco Inc. 600 N. Dairy Ashford, Dubai 3040 Houston, Texas 77079 Tel: (281) 293-5568

February 7, 2002

Bureau of Land Management Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401

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

Oil Conservation Division State of New Mexico 1220 S. Saint Francis Drive Santa Fe, New Mexico 87505-4000

RE: Lindrith "B"Unit; I SEC. #713 Rio Arriba County, New Mexico 2002 Plan of Development

#### Gentlemen:

By letter dated September 10, 2001, Conoco Inc., as Sub-Operator for the referenced Unit, filed the Plan of Development (POD) for the calendar year 2001. That program called for the drilling of seven new wells, as listed below:

Well Name	Drill Block	Formation
107 108 109 110 111	NE/4 Sec. 15-24N-3W NE/4 Sec. 15-24N-3W SE/4 Sec. 15-24N-3W SE/4 Sec. 15-24N-3W NW/4 Sec. 22-24N-3W NE/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West Lindrith Gallup/Dakota, West Lindrith Gallup/Dakota, West Lindrith Gallup/Dakota, West Lindrith Gallup/Dakota, West Lindrith Gallup/Dakota, West
113	SE/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West

During 2001, Conoco drilled three of the planned seven wells, as follows:

Well <u>Name</u>	Drill Block	<u>Formation</u>
108	NE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
110	SE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
113	SE/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West

The remaining four wells on the 2001 Plan of Development will be carried forward under the 2002 Plan of Development.

The Lindrith "B" Unit currently consists of the following Participating Areas:

FORMATION	<b>EXPANSION</b>	EFFECTIVE DATE
Gallup	Initial	1-1-86
Dakota	4 <sup>th</sup>	11-1 <b>-</b> 84

Pursuant to Section 9 of the Lindrith Unit Agreement, Conoco Inc., as Unit Sub-Operator of the Lindrith "B" Unit, hereby submits the following program for the 2002 Plan of Development:

#### Carry Forward from 2001 POD:

Well <u>Name</u>	<u>Drill Block</u>	<u>Formation</u>
107	NE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
109	SE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
111	NW/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West
112	NE/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West

#### Recompletions:

Well <u>Name</u>	<u> Drill Block</u>	Formation
24	SW/4 Sec 9-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)
26	NW/4 Sec 9-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)
28	NW/4 Sec 16-24N-3W	Lindrith Gallup/Dakota, West (Gallup Member)

Maps of each Participating Area are attached.

The working interest owners are being contacted regarding the Plan of Development. Conoco Inc. and the working interest owners believe that all current obligations have been satisfied.

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

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

Should you have any questions regarding this proposal, please contact Tom Scarbrough at (281)-293-5568.

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

Sincerely,

Ion Dearbroad

Thomas J. (Tom) Scarbrough

Attachments

cc: Energen Resources Corporation 2198 Bloomfield Highway Farmington, New Mexico 87401

New Mexico Commissioner of Public Lands

New Mexico Oil Conservation Division

Date

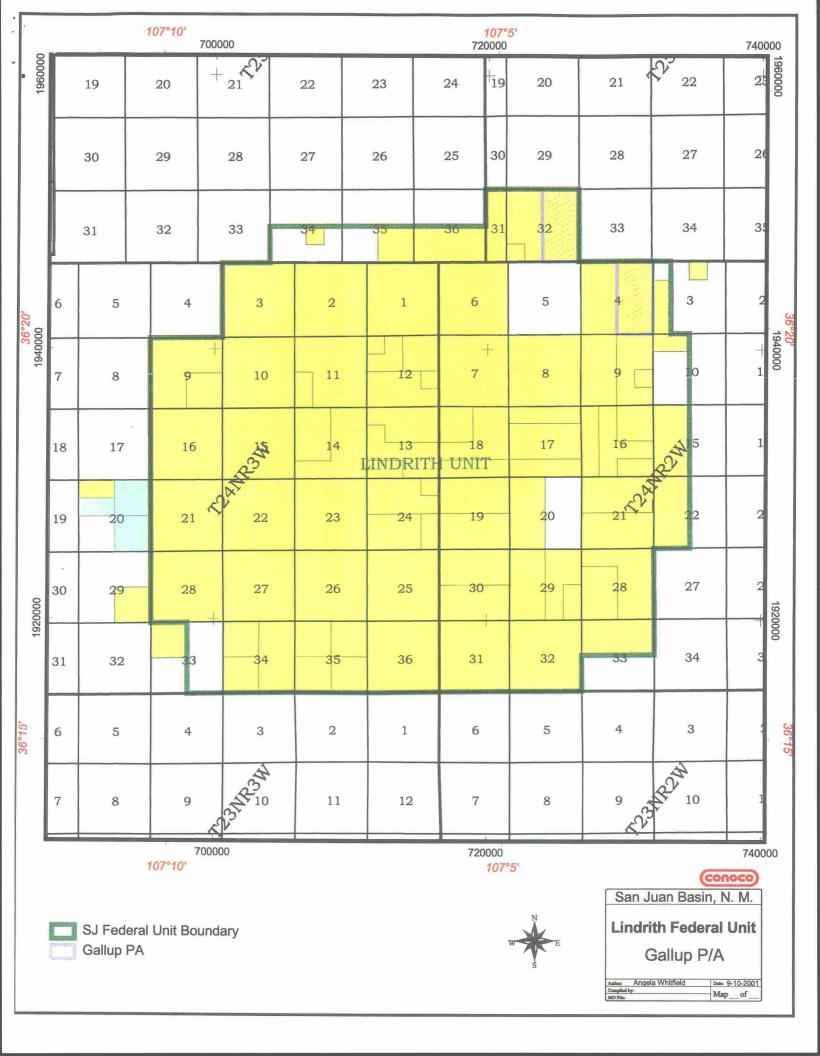
Date

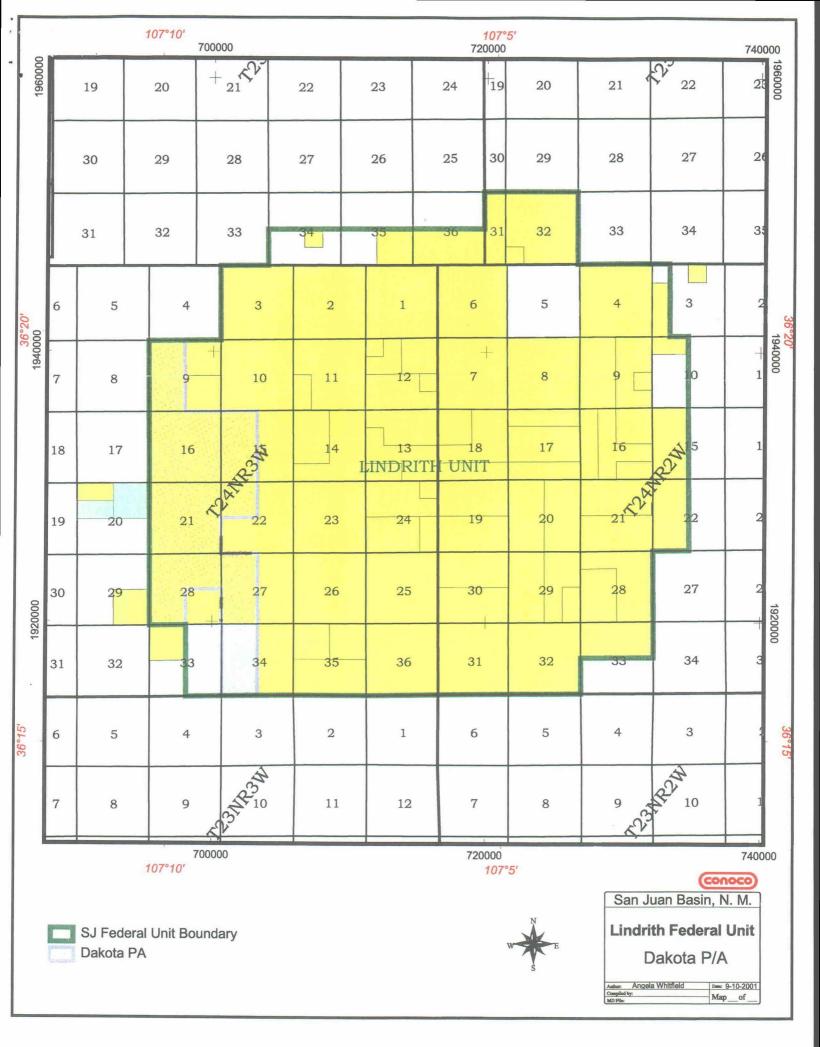
The foregoing approvals are for the 2002 Plan of Development for the Lindrith "B" Unit, I SEC. #713, Rio Arriba County, New Mexico.

## WORKING INTEREST OWNERS Lindrith "B" Unit February 7, 2002

Conoco Inc. Attn: Tom Scarbrough 600 N. Dairy Ashford Houston, TX 77079

Frank Yockey c/o Jerry Doyle Miller, Executor P.O. Drawer 70 Olney, Illinois 62450







Thomas J. (Tom) Scarbrough

Staff Landman Lobo/San Juan Business Unit Exploration Production, North America Conoco Inc.

600 N. Daíry Ashford, Dubai 3040 Houston, Texas 77079 Tel: (281) 293-5568

SEP 2 6 2001

September 10, 2001

Bureau of Land Management Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401

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

Oil Conservation Division State of New Mexico 2040 South Pacheco Santa Fe, New Mexico 87505

RE:

Lindrith "B"Unit; I SEC. #713 Rio Arriba County, New Mexico 2001 Plan of Development

#### Gentlemen:

By letter dated March 21, 2000, Conoco Inc., as Sub-Operator for the referenced Unit, filed the Plan of Development (POD) for the calendar year 2000. That program called for the drilling of three new wells, as listed below:

#100	NW/4 Sec. 14-24N-3W	Lindrith Gallup/Dakota, West
#105	NW/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West
#106	NW/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West

The above wells on the 2000 POD were not drilled in 2000 and will not be carried forward to 2001.

The Lindrith "B" Unit currently consists of the following Participating Areas:

FORMATION	EXPANSION	EFFECTIVE DATE
Gallup	Initial	1-1-86
Dakota	4 <sup>th</sup>	11-1-84

During 2000 Conoco did not complete any new drills or recompletions.

Pursuant to Section 9 of the Lindrith Unit Agreement, Conoco Inc., as Unit Sub-Operator of the Lindrith "B" Unit, hereby submits the following program for the 2001 Plan of Development:

Well <u>Name</u>	<u>Drill Block</u>	<u>Formation</u>
107	NE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
108	NE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
109	SE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
110	SE/4 Sec. 15-24N-3W	Lindrith Gallup/Dakota, West
111	NW/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West
112	NE/4 Sec. 22-24N-3W	Lindrith Gallup/Dakota, West
113	SE/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West

Maps of each Participating Area are attached.

Sincerely,

The working interest owners are being contacted regarding the Plan of Development. Conoco Inc. and the working interest owners believe that all current obligations have been satisfied.

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

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

Should you have any questions regarding this proposal, please contact Tom Scarbrough at (281)-293-5568.

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

Thomas J. (Tom) Scarbrough

Attachments

Bureau of Land Management

Date

New Mexico Commissioner of Public Lands

Date

9/26/200/

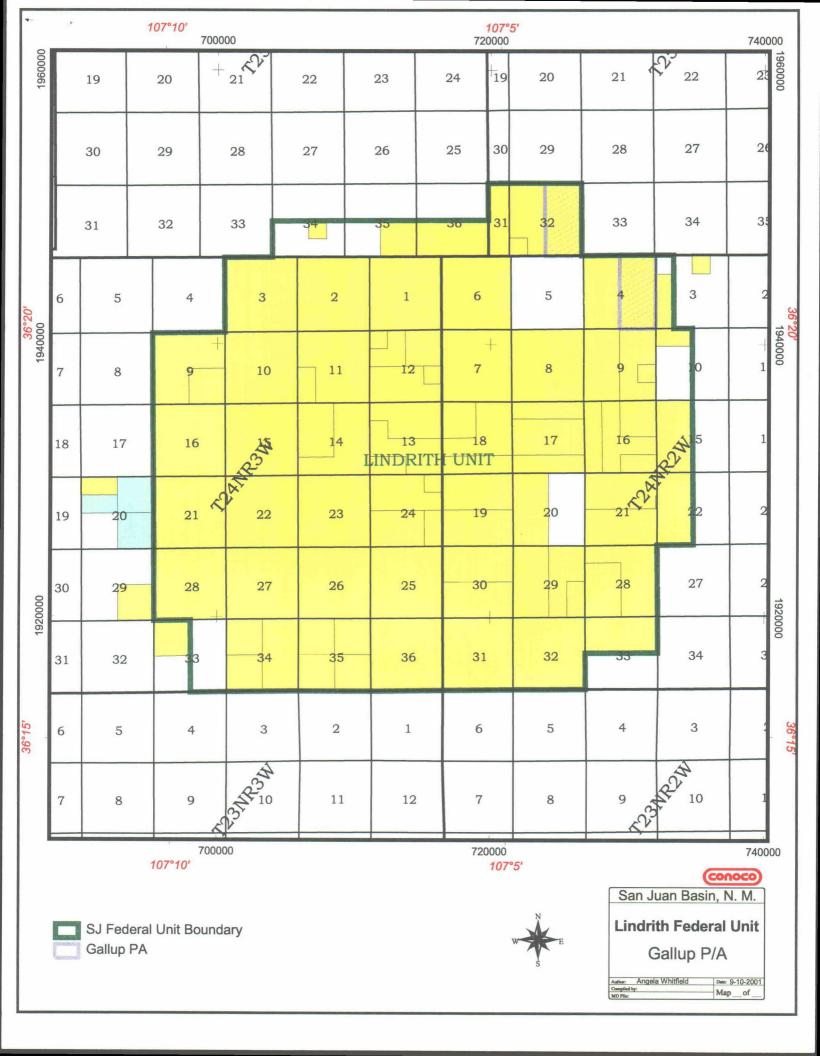
The foregoing approvals are for the 2001 Plan of Development for the Lindrith "B" Unit, I SEC. #713, Rio Arriba County, New Mexico.

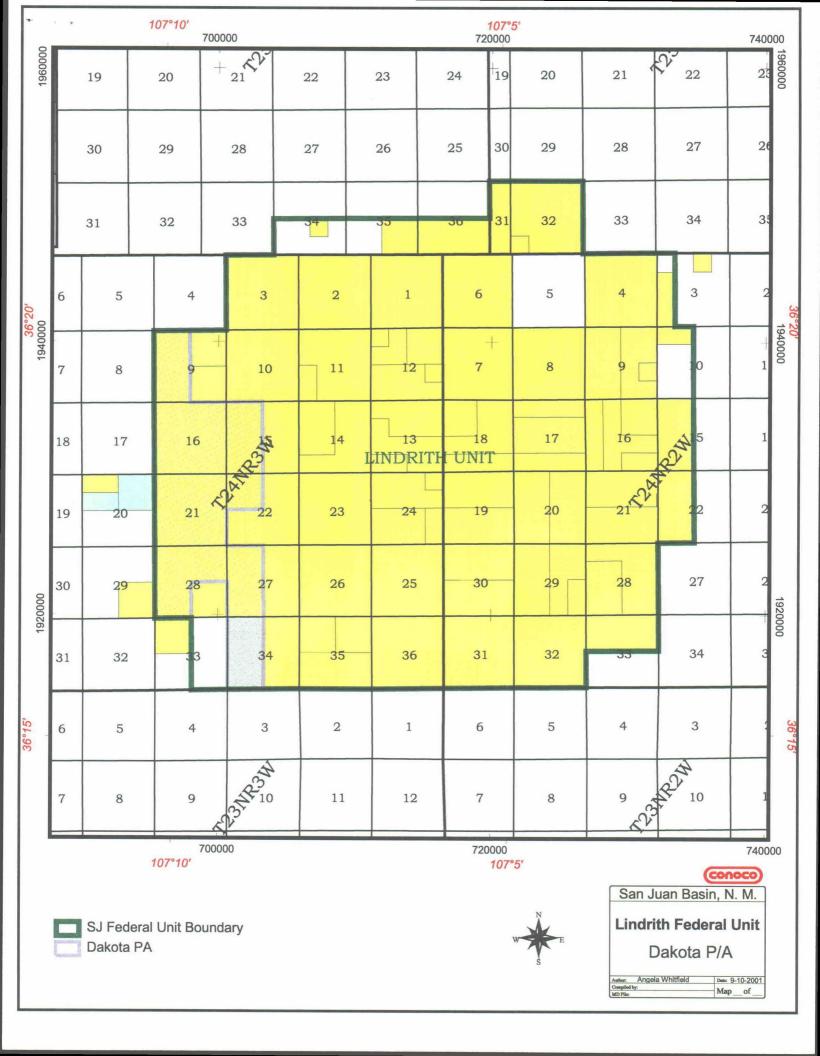
WORKING INTEREST OWNERS Lindrith "B" Unit September 10, 2001

Conoco Inc. Attn: Tom Scarbrough 600 N. Dairy Ashford Houston, TX 77079

Frank Yockey c/o Jerry Doyle Miller, Executor P.O. Drawer 70 Olney, Illinois 62450

cc: Energen Resources Corporation 2198 Bloomfield Highway Farmington, New Mexico 87401







Jennifer A. Barber
Project Landman
Lobo/San Juan Business Unit
Exploration Production, North America

Conoco Inc. 600 N. Dairy Ashford, Dubai 3092 Houston, Texas 77079 (281) 293-5057

March 21, 2000

Bureau of Land Management Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401

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

Oil Conservation Division
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Lindrith "B"Unit; N. I SEC. #713

Rio Arriba County, New Mexico 2000 Plan of Development

#### Gentlemen:

By letter dated February 16, 1999, Conoco Inc., as Sub-Operator for the referenced Unit, filed the Plan of Development (POD) for the calendar year 1999, that program called for the drilling of three new wells:

The following wells which appeared on the 1999 POD will be carried forward to 2000:

#100	NW/4 Sec. 14-24N-3W	Lindrith Gallup/Dakota, West
#105	NW/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West
#106	NW/4 Sec. 24-24N-3W	Lindrith Gallup/Dakota, West

The Lindrith "B" Unit currently consists of the following Participating Areas:

FORMATION	EXPANSION	EFFECTIVE DATE
Gallup	Initial	1-1-86
Dakota	4 <sup>th</sup>	11-1-84

During 1999 Conoco did not complete any new drills or recompletions.

Maps of each Participating Area are attached.

The working interest owners are being contacted regarding the Plan of Development. Conoco Inc. and the working interest owners believe that all current obligations have been satisfied.

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

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

Should you have any questions regarding this proposal, please contact Jennifer A. Barber at (281)-293-5057.

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

Sincerely,	
Jenn der Barber Jennifer A. Barber	
CONOCO INC.	
Attachments	
Bureau of Land Management	Date
New Mexico Commissioner of Public Lands	Date
Oz C Defum	3/27/2K
New Mexico Oil Conservation Division	Date

The foregoing approvals are for the 2000 Plan of Development for the Lindrith "B" Unit, I SEC. #713, Rio Arriba County, New Mexico.

### Working Interest Owners Lindrith "B" Unit March 21, 2000

Conoco Inc. Attn: Jennifer Barber 600 N. Dairy Ashford Houston, TX 77079

Frank Yockey C/o Jerry Doyle Miller, Executor P.O. Drawer 70 Olney, Illinois 62450

CC: Energen Resources Corporation 2198 Bloomfield Highway Farmington, New Mexico 87401



Steven C. Klein Senior Landman Midland Division Exploration Production Conoco Inc. 10 Desta Drive, Suite 100W Midland, Texas 79705-4500 (915) 686-5475

FEB 2 2 1999

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February 16, 1999

Bureau of Land Management Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401 Oil Conservation Division State of New Mexico 2040 South Pacheco Santa Fe, New Mexico 87505

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

RE: Lindrith "B" Unit; N. 1 SEC. #713 Rio Arriba County, New Mexico 1999 Plan of Development

#### Gentlemen:

By letter dated March 23, 1998, Conoco Inc., as Sub-Operator for the referenced Unit, filed the Plan of Development (POD) for the calendar year 1998. During 1998 Conoco completed the following two new drills:

#96 NW/4 Sec. 11-24N-3W Lindrith Gallup/Dakota, West #103 NW/4 Sec. 18-24N-3W Lindrith Gallup/Dakota, West

#### The following wells which appeared on the 1998 POD will be carried forward to 1999:

#100	NW/4 Sec. 14-24N-3W	Lindrith Gallup/Dakota, West
#105	NW/4 Sec. 10-24N-3W	Lindrith Gallup/Dakota, West
#106	NW/4 Sec. 24-24N-3W	Lindrith Gallup/Dakota, West

The Lindrith "B" Unit currently consists of the following Participating Areas:

Formation	Expansion	<b>Effective Date</b>
Gallup	Initial	1-1-86
Dakota	4th	11-1-84

Lindrith "B" Unit 1999 Plan of Development February 16, 1999

Pursuant to Section 9 of the Lindrith Unit Agreement, Conoco Inc., as Unit Operator, of the Lindrith "B" Unit hereby submits the following program for the 1999 Plan of Development:

#### No new wells are planned.

The working interest owners are being contacted regarding the Plan of Development. Conoco Inc. and the working interest owners believe that all current obligations have been satisfied.

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

In accordance with Section 9 of the Unit Agreement, please advise of your approval by executing in the space provided below and return one copy to the undersigned.

Should you have any questions regarding this proposal, please me at the letterhead address or phone number.

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

Sincerely,  Steven C. Klein	
Bureau of Land Management	Date
New Mexico Commissioner of Public Lands	Date
New Mexico Oil Conservation Division	2/26/99 Date

The foregoing approvals are for the 1999 Plan of Development for the Lindrith "B" Unit, 1 SEC. #713, Rio Arriba County, New Mexico.

## Working Interest Owners Lindrith "B" Unit February 16, 1999

Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500

Frank Yockey % Jerry Doyle Miller, Executor P. O. Drawer 70 Olney, IL 62450

CC: Taurus Exploration USA 2198 Bloomfield Highway Farmington, NM 87401



January 31, 2000

Bureau of Land Management (3)
Farmington Resource Area
1235 LaPlata Highway
Farmington, New Mexico 87401

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

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 South Pacheco Santa Fe, New Mexico 87505

RE: LINDRITH UNIT

RIO ARRIBA COUNTY, NEW MEXICO 2000 PLAN OF DEVELOPMENT

#### Gentlemen:

Energen Resources Corporation (Energen) filed the Plan of Development for the calendar year 1999 on February 8, 1999, that program provided for the drilling of no wells. There were no workovers, conversions or new drill wells in 1999. The Lindrith Unit Com #93 well was plugged and abandoned during 1999.

The Pictured Cliffs Participating Area had its thirteenth expansion. As of this date, there are 77 producing and five shut-in Pictured Cliff wells in the Lindrith Unit.

Pursuant to Section 9 of the Lindrith Unit Agreement, Energen, as Operator, hereby submits a no well program for the 2000 Plan of Development. Conoco, Inc. (successor to Mobil Exploration & Producing U.S., Inc.) as Sub-Operator of depths below the Pictured Cliffs formation, will separately submit their proposed 2000 Plan of Development, covering the Gallup and Dakota formations.

The Working Interest Owners are being contacted regarding the 2000 Drilling Program by copy of this letter. Energen and the Working Interest Owners believe that all current obligations have been satisfied.

Energen, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners.

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

Please contact Richard Corcoran at (505) 325-6800 if there are any questions regarding this letter.

Sincerely,

Richard Corcoran District Landman

RC/tm Enclosures

#### **LINDRITH UNIT 2000 PLAN OF DEVELOPMENT**

APPROVED:		DATE:
	Bureau of Land Management	//
APPROVED:	Ty Extune	DATE: 2/4/00
	Oil Conservation Division	,
APPROVED:		DATE:
	Commissioner of Public Lands	

#### **LINDRITH UNIT WORKING INTEREST OWNERS**

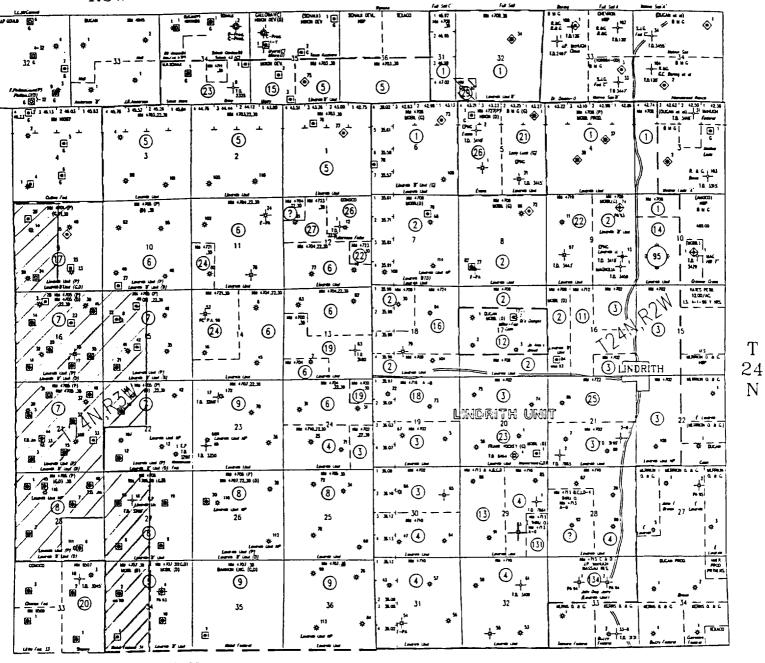
Energen Resources Corporation Attn: Richard Corcoran 2198 Bloomfield Hwy. Farmington, NM 87401

Conoco, Inc. Attn: Steve Kline 10 Desta Drive West, Suite 100 W Midland, TX 79705

Mr. Frank Yockey Yockey Oil Company Attn: Connie Schaffer Olney, IL 62450 Fax: 618-392-2840

Z27





LINDRITH UNIT

# PICTURED CLIFFS

MESAVERDE

DAKOTA 'B' PARTICIPATING AREA
4th Expansion Effective 11/1/84

DAKOTA DAKOTA

OIL AND GAS OWNED BY STATE OF NEW MEXICO

LANO DEPARTMENT JANUARY 27, 1998





February 8, 1999

Bureau of Land Management (3) Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401 N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, New Mexico 87501

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 Pacheco Santa Fe. New Mexico 87505

RE: LINDRITH UNIT

RIO ARRIBA COUNTY, NEW MEXICO 1999 PLAN OF DEVELOPMENT

#### Gentlemen:

Energen Resources Corporation (formerly Taurus Exploration USA, Inc.) filed the Plan of Development for the calendar year 1998 on March 4, 1998, that program provided for the drilling of no wells. There were no workovers, conversions or new drill wells in 1998.

The Pictured Cliffs Participating Area had its thirtieth expansion. As of this date, there are 82 producing and one shut-in Pictured Cliffs wells in the Lindrith Unit.

Pursuant to Section 9 of the Lindrith Unit Agreement, Energen Resources Corporation, as operator, hereby submits a no well program for the 1999 Plan of Development. Conoco, Inc, (successor to Mobil Exploration & Producing U.S. Inc.) as Sub-Operator of depths below the Pictured Cliffs formation, will separately submit their proposed 1999 Plan of Development, covering the Gallup and Dakota formations.

The Working Interest Owners are being contacted regarding the 1999 Drilling Program by copy of this letter. Energen Resources Corporation and the Working Interest Owners believe that all current obligations have been satisfied.

Energen Resources Corporation, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest owners.

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

Lndrth2-99.doc

Please contact Richard P. Corcoran at (505) 325-6800 if there are any questions regarding this letter.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

Richard P. Corcoran District Landman

Enclosures

## 1999 PLAN OF DEVELOPMENT

APPROVED:	DATE:
Bureau of Land Management	·
APPROVED:	DATE:
Commissioner of Public Lands	2/12/90
APPROVED: 1 4 Clouds on Division	DATE: 2/10/99
Oil Conservation Division	

## LINDRITH UNIT WORKING INTEREST OWNERS

Energen Resources Corporation Attn: Richard P. Corcoran 2198 Bloomfield Hwy Farmington, NM 87401

Conoco, Inc. Attn: Steve Kline 10 Desta Drive W, Suite 100 W Midland, TX 79705

Frank Yockey Yockey Oil Company Attn: Connie Schaffer Olney, IL 62450 Fax # (618) 392-2840



COMMERCIAL RESOURCES (505)-827-5724

SURFACE RESOURCES (505)-827-5793

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

# State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS (505)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

LEGAL (505)-827-5715

PLANNING (505)-827-5752

August 31, 1998

Conoco Inc. 10 Desta Drive Suite 100W Midland, Texas 79705-4500

Attn:

Ms. Jennifer A. Barber

Re:

1998 Plan of Development

Lindrith B Unit

Rio Arriba County, New Mexico

Dear Ms. Barber:

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

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

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

Very truly yours,

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

JAMI BAILEY, Director

Oil, Gas and Minerals Division

(505) 827-5744

RP/JB/cpm

BY:

pc: Reader File

OCD

**BLM** 



COMMERCIAL RESOURCES (505)-827-5724

SURFACE RESOURCES (505)-827-5793

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

## State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M. 310 Old Santa Fe Trail, P. O. Box 1148 Santa Fe, New Mexico 87504-1148 Phone (505)-827-5760, Fax (505)-827-5766 PUBLIC AFFAIRS (505)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

LEGAL (505)-827-5713

PLANNING (505)-827-5752

August 26, 1998

Taurus Exploration USA, Inc. 2198 Bloomfield Highway Farmington, New Mexico 87401

Attn:

Mr. Richard P. Corcoran

Re:

1998 Plan of Development

Lindrith Unit

Rio Arriba County, New Mexico

Dear Mr. Corcoran:

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

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

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

Very truly yours,

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

BY:

JAMI BAILEY, Director
Oil, Gas and Minerals Division

(505) 827-5744

RP/JB/cpm

pc: Reader File

OCD

BLM



#### Mid-Continent Region Exploration/Production

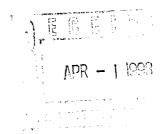
March 23, 1998

U.S. Department of the Interior Bureau of Land Management Attn: Mr. Joe Incadine, Chief 435 Montano NE Albuquerque, New Mexico 87107-4935

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

Oil Conservation Division State of New Mexico 2040 South Pacheco Santa Fe, New Mexico 87505

RE: Lindrith "B"Unit; N. I SEC. #713 Rio Arriba County, New Mexico 1998 Plan of Development Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400



## Gentlemen:

By letter dated March 13, 1997, Conoco Inc., as Sub-Operator for the referenced Unit, filed the Plan of Development (POD) for the calendar year 1997, that program called for the drilling of no new wells.

The Lindrith "B" Unit currently consists of the following Participating Areas:

FORMATION	EXPANSION	EFFECTIVE DATE
Gallup	Initial	1-1-86
Dakota	4 <sup>th</sup>	11-1-84

During 1997 Conoco did not complete any new drills or recompletions.

Pursuant to Section 9 of the Lindrith Unit Agreement, Conoco Inc., as Unit Operator of the Lindrith "B" Unit hereby submits the following program for the 1998 Plan of Development:

Well Name	<u>Drill Block</u>	Formation
#96	NW/4 Sec. 11-24N-3W	Lindrith Gallup/Dakota, West
#100	NW/4 Sec. 14-24N-3W	Lindrith Gallup/Dakota, West
#103	NW/4 Sec. 18-24N-2W	Lindrith Gallup/Dakota, West

Lindrith "B" Unit 1998 Plan of Development March 23, 1998

105 106	NW/4 Sec. 10-24N-3W NW/4 Sec. 24-24N-3W	Lindrith Gallup/Dakota, West Lindrith Gallup/Dakota, West
laps of each Participatir	ng Area are attached.	
_	_	<u> </u>
f unitized substances a	nd any other wells deem	
	_	
hould you have any que (915) 686-5582.	estions regarding this prop	osal, please contact Jennifer A. Barber
opies of this letter are l	being sent to the working	interest owners shown on the attached
incerely, ONOCO INC.  AND AND BOOKER  ennifer A. Barber		
ttachments		
ureau of Land Manag	gement	Date
Ky Elopum		Date 4/2/98 Date
	laps of each Participating the working interest own on oco Inc. and the working on oco Inc., as Unit Operator and the working accordance with Section of unitized substances aperator and the working accordance with Section of the space produced by the space of this letter are indeed.  Incerely, ONOCO INC.  I	In aps of each Participating Area are attached.  The working interest owners are being contacted onoco Inc. and the working interest owners believen satisfied.  The working interest owners believen satisfied.  The working interest owners believen satisfied.  The working interest owners to drill any of a unitized substances and any other wells deemed perator and the working interest owners.  The accordance with Section 10 of the Unit Agreemed secuting in the space provided below and return of thould you have any questions regarding this property (915) 686-5582.  The property of this letter are being sent to the working neet.  The property of the working sent to the working neet.  The property of the working sent to the working neet.

The foregoing approvals are for the 1998 Plan of Development for the Lindrith "B" Unit, I SEC. #713, Rio Arriba County, New Mexico.

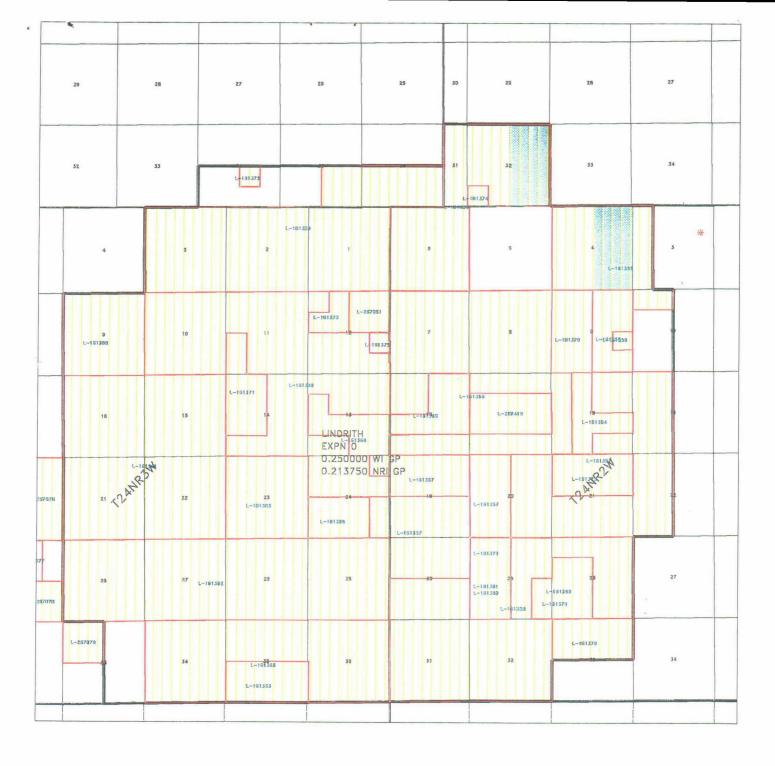
Lindrith "B" Unit 1998 Plan of Development March 23, 1998

## Working Interest Owners Lindrith "B" Unit March 23, 1998

Conoco Inc. Attn: Jennifer Barber 10 Desta Drive, Suite 100W Midland, TX 79705-4500

Frank Yockey C/o Jerry Doyle Miller, Executor P.O. Drawer 70 Olney, Illinois 62450

CC: Taurus Exploration USA 2198 Bloomfield Highway Farmington, New Mexico 87401





CONOCO, INC.	MIDLAND DIVISION
LINDRITH	FEDERAL UNIT
GAL	LLUP P/A
SAN .	JUAN BASIN





Dakota P/A

Conoco		
CONOCO, INC.	MIDLAND DIVISI	ON
LINDRITH	FEDERAL UN	IIT
DAK	COTA P/A	
SAN	JUAN BASIN	
Requested by : JENNIFER BAR	BER	Date: Mar 24 1998
Submitted by : ANNIE BENTZ		Sheet 1 of 1

# **TAURUS**

TAURUS EXPLORATION USA, INC. 2198 Bloomfield Highway Farmington, New Mexico 87401 Telephone (505) 325-6800

March 4, 1998

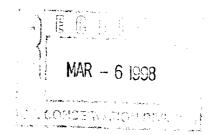
Bureau of Land Management (3) Farmington Resource Area 1235 LaPlata Highway Farmington, New Mexico 87401

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 Pacheco Santa Fe. New Mexico 87505

RE:

LINDRITH UNIT

RIO ARRIBA COUNTY, NEW MEXICO 1998 PLAN OF DEVELOPMENT N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, New Mexico 87501



### Gentlemen:

Burlington Resources Oil & Gas Company filed the Plan of Development for the calender year 1997, that program provided for the drilling of no wells. Taurus Exploration U.S.A., Inc. was approved as Successor Operator effective August 1, 1997. During 1997 one well was plugged and abandoned being the Lindrith Unit #94, Pictured Cliffs. There were no workovers, conversions or new drill wells in 1997.

The Pictured Cliffs Participating Area had its thirtieth expansion. As of this date, there are eighty-two producing and one shut-in Pictured Cliffs wells in the Lindrith Unit.

Pursuant to Section 9 of the Lindrith Unit Agreement, Taurus Exploration U.S.A., Inc., as operator, hereby submits a no well program for the 1998 Plan of Development. Conoco, Inc, (successor to Mobil Exploration & Producing U.S. Inc.) as Sub-Operator of depths below the Pictured Cliffs formation, will separately submit their proposed 1998 Plan of Development, covering the Gallup and Dakota formations.

The Working Interest Owners are being contacted regarding the Drilling Program by copy of this letter. Taurus Exploration U.S.A., Inc., and the Working Interest Owners believe that all current obligations have been satisfied.

Taurus Exploration U.S.A., Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest owners.

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

Please contact Richard P. Corcoran at (505)325-6800 if there are any questions regarding this letter.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

(	Very truly yours, Vichard Orcosan
	Richard P. Corcoran District Landman
	Enclosures

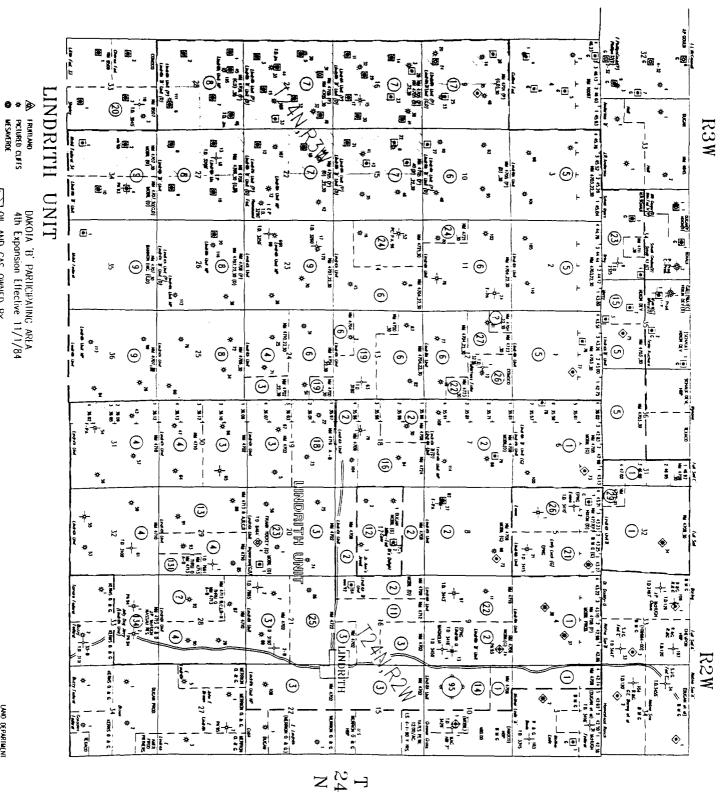
APPROVED:	DATE:
Bureau of Land Management	<del> </del>
APPROVED:	DATE:
Commissioner of Public Lands	
APPROVED: Ky Exofirm	DATE: 3/9/98
Oil Conservation Division	• •

1998 PLAN OF DEVELOPMENT

## LINDRITH UNIT WORKING INTEREST OWNERS

Taurus Exploration U.S.A., Inc. Conoco, Inc. Frank Yockey

Z 4 Z



LAND DEPARTMENT JANUARY 27, 1998

STATE OF NEW MEXICO



OK 3/9/98

**CERTIFIED MAIL** 

New Name. Same Spirit

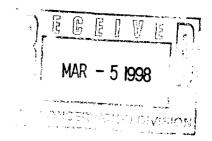
A Business Unit of Unocal

March 2, 1998

U.S. Department of the Interior Bureau of Land Management 1235 La Plata Highway Farmington, NM 87401

Commissioner of Public Lands State of New Mexico P.O. Box 1148 Santa Fe, NM 87504-2088

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



RE: 1997 Review of Operations 1998 Plan of Development

Rincon Unit/Rio Arriba County, New Mexico

#### Dear Gentlemen:

Union Cil Company of California (UNOCAL) as the operator of the Rincon Unit located in Rio Arriba County, New Mexico submits the following 1997 Review of Operations and the 1998 Plan of Development for your approval.

#### 1997 REVIEW OF OPERATIONS

During 1997, the following wells were completed into a new formation within the unit as follows:

Well Name	Pool	<b>Location</b>
Rincon Unit No. 139	Blanco Mesaverde	SE Sec 6-26N-6W
Rincon Unit No. 186	Blanco Mesaverde	SE Sec 33-27N-7W
Rincon Unit No. 170	Blanco Mesaverde	SW Sec 12-26N-7W

### 1998 PLAN OF DEVELOPMENT

No drilling is planned during 1998.

The following zones will be completed in 1998:

Well Name	<u>Pool</u>	<u>Location</u>
Rincon Unit No. 57	Blanco Mesaverde	NE Sec 1-26N-7W
Rincon Unit No. 131	Blanco Mesaverde	SW Sec 36-27N-7W
Rincon Unit No. 137E	Blanco Mesaverde	NE Sec 24-26N-7W
Rincon Unit No. 169	Blanco Mesaverde	SW Sec 26-27N-7W
Rincon Unit No. 192	South Blanco Tocito	SW Sec 1-26N-7W
Rincon Unit No. 192E	Blanco Mesaverde	NW Sec 1-26N-7W

Unocal will complete the remaining wells listed in 1997 revised Plan of Development.

No major facility projects are planned for 1998 at this time.

The 1997 Review of Operations is attached along with updated production curves and a list showing the status of unit wells.

Sincerely,

Spirit Energy 76 A Business Unit of UNOCAL

Thomas E. Baiar Petroleum Engineer

TEB/Ss

cc: Working Interest Owner Ow

## **RINCON UNIT**

## **REVIEW OF OPERATIONS - 1997**

No. Wells as of 12/31/97	ALL <u>FORMATIONS</u>
Drilling Producing Shut-In Abandoned Injection	0 366 3 32 0
December 1997 Production	·
Oil - Barrels Gas - MCF @ 14.73 Water - Barrels Gas Injection - MCF @ 14.73	4,774 865,093 1,505 0
Production for Year 1997	
Oil - Barrels Gas - MCF Water - Barrels Gas Injection, MCF	54,353 10,781,359 18,265 0
Cumulative Production thru 12/31/97	
Oil - Barrels Gas - MCF Water - Barrels Gas Injection, MCF	1,452,591 324,999,943 145,454 0

#### **RINCON UNIT WELL SUMMARY**

31-Dec-97

BASIN DAKOTA	Prod Wells	Not Prod	TOTAL
Grand Count	107	2	109
Duals	21		
DH Commingle	32		
Surf Commingle	12		
Triple	0		
Stand Alone	42		***
TA	7.	2	
P&A		3	
BASIN FRUITLAND COAL	Prod Wells	Not Prod	TOTAL
Grand Count	42	0	42
Duals	0		42
DH Commingle	0		
_	0		
Surf Commingle			
Triple	0		
Stand Alone	42		
TA P&A		3	
BLANCO MESAVERDE	Prod Wells	Not Prod	TOTAL
Grand Count	96	0	96
Duals	21		
DH Commingle	31		
Surf Commingle	12		
Triple	1		
Stand Alone TA	31	0	
I IA			
P&A			
P&A BLANCO PICTURED CLIFFS	Prod Wells	2	TOTAL
P&A BLANCO PICTURED CLIFFS Grand Count	Prod Wells 99		TOTAL 99
BLANCO PICTURED CLIFFS		2 Not Prod	
BLANCO PICTURED CLIFFS Grand Count Duals DH Commingle	99 11 0	2 Not Prod	
BLANCO PICTURED CLIFFS  Grand Count  Duals  DH Commingle  Surf Commingle	99 11 0 0	2 Not Prod	
BLANCO PICTURED CLIFFS  Grand Count  Duals  DH Commingle  Surf Commingle  Triple	99 11 0 0 2	2 Not Prod	
BLANCO PICTURED CLIFFS Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone	99 11 0 0	2 Not Prod 0	
BLANCO PICTURED CLIFFS  Grand Count  Duals  DH Commingle  Surf Commingle  Triple	99 11 0 0 2	2 Not Prod	
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BLANCO PICTURED CLIFFS Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone TA P&A	99 11 0 0 2 86	2 Not Prod 0 0	99
BLANCO PICTURED CLIFFS  Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone TA P&A  LARGO GALLUP/TOCITO  Grand Count Duals	99 11 0 0 2 86 Prod Wells 11 6	2 Not Prod 0 0 0 0 19 Not Prod	99 TOTAL
BLANCO PICTURED CLIFFS  Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone TA P&A  LARGO GALLUP/TOCITO  Grand Count Duals DH Commingle	99 11 0 0 2 86 Prod Wells 11 6	2 Not Prod 0 0 0 0 19 Not Prod	99 TOTAL
BLANCO PICTURED CLIFFS  Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone TA P&A  LARGO GALLUP/TOCITO  Grand Count Duals DH Commingle Surf Commingle	99 11 0 0 2 86 Prod Wells 11 6 5	2 Not Prod 0 0 0 0 19 Not Prod	99 TOTAL
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BLANCO PICTURED CLIFFS  Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone TA P&A  LARGO GALLUP/TOCITO  Grand Count Duals DH Commingle Surf Commingle Surf Commingle Triple Stand Alone TA P&A  OTERO CHACRA  Grand Count	98 11 0 0 2 86  Prod Wells 11 6 5 0 0 0 Prod Wells	2 Not Prod 0 0 19 Not Prod 1	TOTAL 12
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BLANCO PICTURED CLIFFS  Grand Count Duals DH Commingle Surf Commingle Triple Stand Alone TA P&A  LARGO GALLUP/TOCITO  Grand Count Duals DH Commingle Surf Commingle Surf Commingle Triple Stand Alone TA P&A  OTERO CHACRA  Grand Count Duals	99 11 0 0 2 86  Prod Wells 11 6 5 0 0 0 Prod Wells 11 3 4	2 Not Prod 0 19 Not Prod 1 1 1 Not Prod	TOTAL 12
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RINCON UNIT TOTALS	Prod Wells	Not Prod	TOTAL
Grand Count	366	3	369
Duals	62		
DH Commingle	72		
Surf Commingle	24		
Triple	3		
Stand Alone	205		
TA		3	
P&A		32	
Total Wellbores	284	33	317

## 1997

ANNUAL PRODUCTION VOLUMES			
	OIL	GAS	
DAKOTA	18,726	3,888,518	
DAKOTA TIGHT GAS	4,914	1,352,555	
FRUITLAND	0	445,716	
MESAVERDE	19,257	3,266,968	
PICTURED CLIFFS	0	1,103,106	
GALLUP	11,456	640,465	
CHACRA	0	84,031	
RINCON TOTAL	54,353	10,781,359	

RINCON UNIT - TOTAL PRODUCTION RIO ARRIBA CO., NEW MEXICO **≅** Gas Rate (CD) ( Oii Rate (CD) ( 

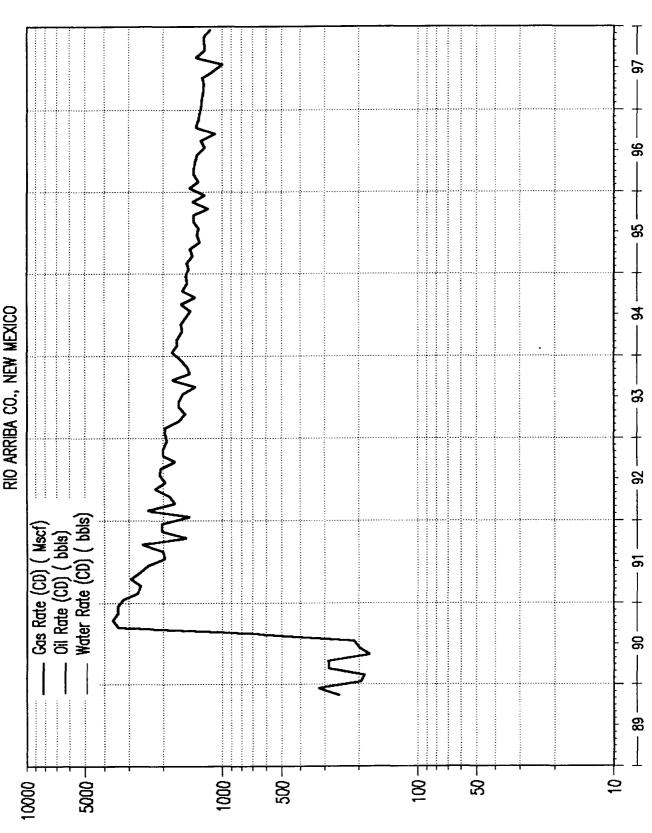
UNION OIL COMPANY OF CALIFORNIA

UNION OIL COMPANY OF CALIFORNIA (UNOCAL) RINCON UNIT DAKOTA PRODUCTION RIO ARRIBA CO., NEW MEXICO ౙ 쫎 . Gas Rate (CD) ( Mscf)
Oil Rate (CD) ( bbls)
Water Rate (CD) ( bbls) 쮼 H , 01 <u></u>

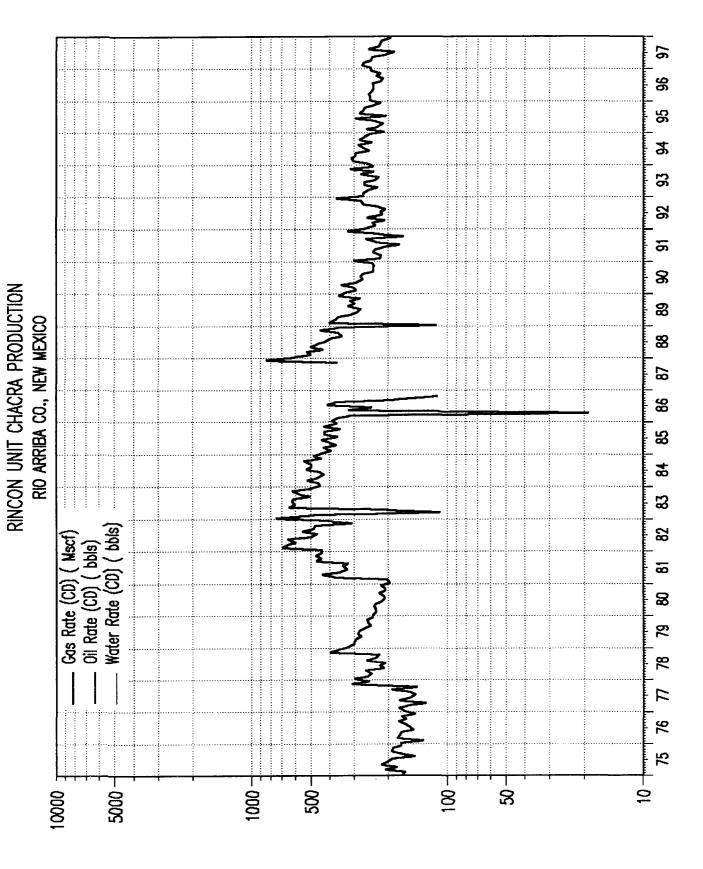
\$ UNION OIL COMPANY OF CALIFORNIA (UNOCAL) RINCON UNIT MESAVERDE PRODUCTION RIO ARRIBA CO., NEW MEXICO **%** . Gas Rate (CD) ( Mscf)
. Oil Rate (CD) ( bbls)
. Water Rate (CD) ( bbls) **∞** . 0t 

\$ UNION OIL COMPANY OF CALIFORNIA (UNOCAL) જ RINCON UNIT PICTURED CLIFFS PRODUCTION RIO ARRIBA CO., NEW MEXICO ജ ಜ \$ . Gas Rate (CD) ( Mscf) . Oil Rate (CD) ( bbls) . Water Rate (CD) ( bbls) 쮼 **→**0 \_ \_ \_

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)
RINCON UNIT FRUITLAND COAL PRODUCTION
RIO ARRIBA CO., NEW MEXICO



UNION OIL COMPANY OF CALIFORNIA (UNOCAL)



UNION OIL COMPANY OF CALIFORNIA (UNOCAL) RINCON UNIT GALLUP PRODUCTION RIO ARRIBA CO., NEW MEXICO . Gas Rate (CD) ( Mscf)
. Oil Rate (CD) ( bbls)
. Water Rate (CD) ( bbls) \$ ₩ 10 — - 0005 පු 1 



COMMERCIAL RESOURCES (505)-827-5724

SURFACE RESOURCES (505)-827-5795

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

# State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS (505)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

> LEOAL (505)-827-5713

PLANNING (505)-827-5752

August 14, 1997

Taurus Exploration USA Inc. 2198 Bloomfield Highway Farmington, New Mexico 87401

Attn: Mr. Richard P. Corcoran

Re: Resignation/Designation of Successor Unit Operator

Lindrith Unit

Rio Arriba County, New Mexico

Dear Mr. Corcoran:

We are in receipt of your resignation/designation of successor unit operator, wherein Burlington Resources Oil and Gas Company has resigned as unit operator of the Lindrith Unit and designated Taurus Exploration USA Inc. as the successor unit operator.

The Commissioner of Public Lands has this date approved the resignation of Burlington Resources Oil and Gas Company and the designation of Taurus Exploration USA Inc. as the successor unit operator of the subject unit.

This change in operators is effective August 1, 1997. In accordance with this approval, Taurus Exploration USA Inc. is now responsible for all operations and the reporting of all production from the Lindrith unit.

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

Taurus Exploration USA Inc. August 14, 1997 Page 2

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

Burlington Resources Oil & Gas Company

Very truly yours,

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

BY: JAMI BAILEY, Director

Oil, Gas and Minerals Division

(505) 827-5744

RP/JB/cpm

cc: Reader File

TRD

BLM

OCD-Roy Johnson



COMMERCIAL RESOURCES (505)-827-5724

SURFACE RESOURCES (505)-827-5793

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M. 310 Old Santa Fe Trail, P. O. Box 1148 Santa Fe, New Mexico 87504-1148 Phone (505)-827-5760, Fax (505)-827-5766

LEGAL (505)-827-5713

PUBLIC AFFAIRS

(505)-827-5765

ADMINISTRATIVE MOMT.

(505)-827-5700

PLANNING (505)-827-5752

April 8, 1997

Burlington Resources P.O. Box 4289 Farmington, New Mexico 87499-4289

Attn: Mr. James R. J. Strickler

Re: 1997 Plan of Development

Lindrith Unit

Rio Arriba County, New Mexico

Dear Mr. Strickler:

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

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

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

Very truly yours,

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

BY:

JAMI BAILEY, Director Oil, Gas and Minerals Division

(505) 827-5744

RP/JB/cpm

cc: Reader File

OCD

**BLM** 

## BURLINGTON RESOURCES

SAN JUAN DIVISION

March 26, 1997



Bureau of Land Management (3) Farmington Resource Area 1235 La Plata Highway Farmington, NM 87401 N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, NM 87501

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 S. Pacheco Santa Fe, NM 87505

> RE: LINDRITH UNIT, I SEC. #713 RIO ARRIBA COUNTY, NEW MEXICO 1996 PLAN OF DEVELOPMENT

## Gentlemen:

By our letter dated March 1, 1996, Burlington Resources Oil & Gas Company, (Formerly Meridian Oil Inc. by name change 7-11-96), as Unit Operator, for the referenced unit, filed the Plan of Development for the calendar year 1996, that program provided for the drilling of no wells.

The following Participating Areas currently exist in the Unit:

FORMATION	EXPANSION	EFFECTIVE DATE
Pictured Cliffs	30th	10-01-82
Mesaverde	4th	11-01-84

Pursuant to Section 9 of the Lindrith Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits a no well program for the 1997 Plan of Development. Conoco Inc. (successor to Mobil Exploration & Producing U.S. Inc.), as Sub-Operator, separately submitted their proposed 1997 Plan of Development, providing for the drilling of no wells.

The Working Interest Owners are being contacted regarding the Drilling Program by copy of this letter. Burlington Resources Oil & Gas Company, and the Working Interest Owners believe that all current obligations have been satisfied.

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

1996 Plan of Development March 26, 1997 Page 2

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

Please contact James R.J. Strickler at (505) 326-9756 if there are any questions regarding this letter.

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

Very truly yours,

James RJ Strickler Senior Staff Landman

Enclosures Lindrith 3.0 (1996)

## 1997 PLAN OF DEVELOPMENT APPROVALS

APPROVED:	•	DATE:
	Bureau of Land Management	
APPROVED:	Commissioner of Public Lands	DATE:
APPROVED:	Oil Conservation Division	DATE: 3/27/97

## LINDRITH UNIT WORKING INTEREST OWNERS

Conoco Inc.

Frank Yockey



COMMERCIAL RESOURCES (50\$)-827-5724

SURFACE RESOURCES (505)-827-5795

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

# State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trall, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS (505)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

> LEGAL (505)-827-5713

PLANNING (505)-827-5752

March 24, 1997

Conoco Inc. 10 Desta Drive Suite 100W Midland, Texas 79705-4500

Attn: Mr. Steven C. Klein

Re: 1997 Plan of Development

Lindrith "B" Unit

Rio Arriba County, New Mexico

Dear Mr. Klein:

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

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

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

Very truly yours,

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

 $\mathbf{R}\mathbf{V}$ 

JAMI BAILEY, Director Oil, Gas and Minerals Division (505) 827-5744

RP/JB/cpm

cc: Reader File

OCD

**BLM** 



Steven C. Klein Senior Landman Midland Division Exploration Production North America Conoco Inc. 10 Desta Drive, Suite 100W Midland, Texas 79705-4500 BUS. (915) 686-5475 FAX (915) 686-5596

March 13, 1997

.. . 7 ....

U.S. Department of the Interior Bureau of Land Management (3) Attn: Mr. Joe Incardine, Chief Lands and Minerals 435 Montano NE Albuquerque, New Mexico 87107-4935

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

Oil Conservation Division (2)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Lindrith "B" Unit; I SEC. #713 Rio Arriba County, New Mexico 1997 Plan of Development

#### Gentlemen:

Effective June 1, 1996, Conoco Inc. by acquisition succeeded Mobil Producing Texas and New Mexico Inc. as operator of the Lindrith "B" Unit of Rio Arriba County, New Mexico.

By letter, dated December 11, 1996, Burlington Resources Oil & Gas Company, on behalf of Conoco Inc. submitted the First Amendment to the 1996 Plan of Development for the Lindrith "B" Unit. The Amended POD called for the recompletion into the Dakota Formation of the Lindrith B #72 well, located in the E/2 of Section 8-24N-2W.

Conoco Inc. began the recompletion of the Lindrith B#72 before the end of the calendar year, evaluation of this well is still underway.

The Lindrith "B" Unit currently consists of the following Participating Areas:

FORMATION	<b>EXPANSION</b>	EFFECTIVE DATE
Gallup	Initial	1-1-86
Dakota	4th	11-1-84

Bureau of Land Management Commissioner of Public Lands Oil Conservation Division March 13, 1997 Page 2

Pursuant to Section 9 of the Lindrith Unit Agreement, Conoco Inc., as Unit Operator of the Lindrith "B" Unit hereby submits the following program for the 1997 Plan of Development:

## There are currently no new wells or recompletions planned for 1997

The working interest owners are being contacted regarding the Plan of Development. Conoco Inc. and the working interest owners believe that all current obligations have been satisfied.

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

In accordance with Section 9 of the Unit Agreement, please advise of your approval by executing in the space provided below and return one copy to the undersigned.

Should you have any questions regarding this proposal, please contact Steven C. Klein at (915) 686-5475.

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

Yours very truly,

Even Ex Klein

CONOCO INC.

Steven C. Klein

Attachment

Bureau of Land Management Commissioner of Public Lands Oil Conservation Division March 13, 1997 Page 3

## 1997 PLAN OF DEVELOPMENT

Bureau of Land Management	Date
New Mexico Commissioner of Public Lands	Date
Ky Efferm	3/17/97
New Mexico Oil Conservation Division	Date '

The foregoing approvals are for the 1997 Plan of Development for the Lindrith "B" Unit, I SEC. #713, Rio Arriba County, New Mexico.

## **WORKING INTEREST OWNERS**

Lindrith "B" Unit March 13, 1997

Conoco Inc. 10 Desta Drive West Midland, Texas 79705

Frank Yockey c/o Jerry Doyle Miller, Executor P.O. Drawer 70 Olney, Illinois 62450



COMMERCIAL RESOURCES (505)-827-5724

SURPACE RESOURCES (505)-827-5793

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

# State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS (503)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

LEGAL (505)-827-5713

PLANNING (505)-827-5752

March 5, 1997

Conoco Inc. 10 Desta Drive Suite 100W Midland, Texas 79705-4500

Attn: Mr. Steven C. Klein

Re:

Designation of Sub-Operator

Lindrith Unit

Rio Arriba County, New Mexico

Dear Mr. Klein:

We have received a designation of sub-operator application, wherein Burlington Resources Oil & Gas Company has designated Conoco Inc. as sub-operator of the Lindrith Unit. This designation becomes effective June 1, 1996.

Your designation of sub-operator is hereby approved. Conoco Inc. has full authority to act on behalf of Burlington Resources Oil & Gas Company as the sub-operator of the Lindrith "B" Unit in place of Mobil Oil Corporation.

This designation of sub-operator does not relieve the unit operator of the responsibility for compliance with the terms of the unit agreement and applicable state regulations.

Conoco Inc. March 5, 1997 Page 2

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

Very truly yours,

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

BY:

JAMI BAILEY, Director Oil, Gas and Minerals Division (505) 827-5744

RP/JB/cpm Enclosure

cc: Reader File

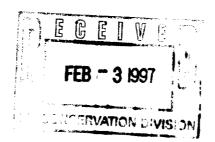
TRD

OCD

Burlington Resources Oil & Gas Company



Steven C. Klein Senior Landman Midland Division Exploration Production



Conoco Inc. 10 Desta Drive, Suite 100W Midland, Texas 79705-4500 (915) 686-5475

January 31, 1997

Bureau of Land Management Attn: Mr. David Sitzler 435 Montano N.E. Albuquerque, New Mexico 87107

Commissioner of Public Lands State of New Mexico P.O. Box 1148 Santa Fe, New Mexico 87501-1148 Oil Conservation Division State of New Mexico 2040 South Pacheco Santa Fe, New Mexico 87505

Re: Lindr

Lindrith Unit, I Sec. #713
Designation of Sub-Operator
Lindrith "B" Unit
Rio Arriba County, New Mexico

#### Gentlemen,

Effective June 1, 1996, Conoco Inc. acquired all of the right, title, and interest of Mobil Producing Texas and New Mexico Inc. and MW Petroleum Corporation in the Lindrith "B" Unit of Rio Arriba County, New Mexico. Pursuant to the terms of that certain Designation of Sub-Operator Agreement, dated May 7, 1979, Conoco Inc. has secured the approval of Burlington Resources Oil & Gas Company to act in the capacity of sub-operator of said unit.

For your unit files, enclosed you will find a copy of the original Designation of Sub-Operator Agreement, as well as a copy of Burlington's authorization for Conoco to operate said Lindrith "B" Unit in place of Mobil.

Should you have any questions, or require further action on our part other than this notice, please feel free to contact me at the letterhead address or phone number.

Sincerely,

Steven C. Klein

enclosures



Midland Division
Exploration Production

Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400

August 5, 1996

Meridian Oil Inc. 3535 East 30th Street Farmington, NM 87402

ATTN: Mr. Robert Kennedy

RE: De

**Designation of Sub-Operator** 

Lindrith "B" Unit

Rio Arriba County, New Mexico

Dear Mr. Kennedy:

Conoco Inc. has acquired all of the right, title and interest of Mobil Producing Texas and New Mexico Inc. and MW Petroleum Corporation in the subject unit. Pursuant to the terms of that certain Designation of Sub-operator agreement dated May 7, 1979, Conoco Inc., hereby respectfully requests your approval of Conoco Inc. as the new sub-operator of the Lindrith "B" Unit. Please indicate your approval of Conoco Inc. as sub-operator of the Lindrith "B" Unit by signing both copies of this letter in the appropriate space below and returning one copy to the undersigned at the letterhead address.

Thank you very much for your prompt attention to this matter. If you have any questions or if I can be of any further assistance, please feel free to contact me at 915-686-6512.

Very truly yours,	
Comoco Inc.	
Males M There Charles M. Rule	
Mailes M ( W	
Charles M. Rule	
Staff Landman	
Accepted and agreed to this 21ST day of AUGUST, 1996	•
BURLINGTON RESOURCES OIL & GAS COMPANY	
$V_{1+1}V_{1}$	
By: Nobert J. Kennely Josh	
TO DODEDT T VENNEDY	
Title: ROBERT T. KENNEDY	

DESIGNATION OF SUB-OPERATOR

JUL 1 3 1979

U. S. GEOLOGICAL TRVEY

ROSWELL, NEW MEXICO

WHEREAS, El Paso Natural Gas Company is unit operator for the Lindrith Unit, created by that certain Unit Agreement for the Development and Operation of the Lindrith Unit Area, I. SEC. No. 713, Rio Arriba County, New Mexico (hereinafter referred to as the Unit Agreement); and

WHEREAS, Mobil Oil Corporation desires to develop and operate the unitized substances to all depths below the base of the Pictured Cliffs formation under all lands subject to the unit agreement, save and except that part of the Dakota formation underlying the W/2 of Section 34, T-24-N, R-3-W, N.M.P.M., Rio Arriba County, New Mexico, (said lands as to said depths which Mobil desires to develop and operate being hereinafter referred to as the sub-operated premises); and

WHEREAS, Mobil Oil Corporation has been furnished notice of El Paso
Natural Gas Company's election not to develop the sub-operated premises as
unit operator under the terms of the Unit Agreement; and

WHEREAS, the parties hereto intend to designate a party, other than the Operator, to operate a well or wells producing from the sub-operated premises in sufficient quantities to justify inclusion of the land on which said well or wells are situated in a participating area; and

WHEREAS, Mobil Oil Corporation has requested the parties to the Unit Agreement to execute this designation in order that the sub-operated premises may be developed and operated by Mobil Oil Corporation.

NOW, THEREFORE, in order to permit Mobil Oil Corporation to develop and operate the sub-operated premises, El Paso Natural Gas Company, as Unit Operator of the Lindrith Unit, Continental Oil Company and Tenneco Oil Company, as working interest owners in the sub-operated premises, hereby designants.

1 2 2 3

nate Mobil Oil Corporation, also a working interest owner in the suboperated premises, sub-operator for the sole and only purpose of developing
and operating the sub-operated premises.

Mobil Oil Corporation indicates its acceptance of this designation by placing its signature in the space provided below and agrees to develop and operate the sub-operated premises as a reasonable and prudent operator in accordance with the terms and conditions of the Unit Agreement, and also agrees to:

- 1) Furnish the United States Geological Survey and the Oil Conservation Commission of the State of New Mexico all proper and necessary reports and well data in the required numbers and time period as specified by the United States Geological Survey and the Oil Conservation Commission of the State of New Mexico, with a copy to El Paso Natural Gas Company at the addresses hereinafter provided.
- 2) Provide the Commissioner of Public Lands of the State of New Mexico with copies of all reports and well data submitted in accordance with the preceding paragraph.

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

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

Attention: Land Department

With copies to:

El Paso Natural Gas Company P. O. Box 990 Farmington, NM

Attention: Area Exploration Manager

Mobil Oil Corporation shall comply with all applicable laws, rules and regulations of any governmental authority having jurisdiction over operations performed under this designation, and shall indemnify, protect and hold El Paso Natural Gas Company harmless from and against any and all claims, demands or causes of action for injuries or death to persons or damage to property occurring in connection with or in any manner incident to operations conducted by Mobil Oil Corporation hereunder.

The parties hereto agree that Mobil Oil Corporation shall develop the sub-operated premises pursuant to the provisions of the Unit Agreement.

Development of the sub-operated premises is subject to the jurisdiction of the Oil Conservation Commission of the State of New Mexico as to privately owned

- 3

11.

lands, the Commissioner of Public Lands of the State of New Mexico as to state lands, and the supervisor of the United States Geological Survey, Roswell, New Mexico, as to Federal and/or Indian Lands.

This designation shall continue and be effective until dissolved by agreement of the parties hereto.

This designation is personal and cannot be assigned in whole or in part by Mobil Oil Corporation without the written consent of the other parties hereto having first been obtained.

This designation may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document.

IN WITNESS WHEREOF, this designation is executed as of the day and year first hereinabove written.

EL PASO NATURAL GAS COMPANY

Ву	
Attorney-in-Fact	

MOBIL OIL CORPORATION

CONTINENTAL OIL COMPANY

Attorney-in-Fact

TENNECO OIL COMPANY

Asst. Secty.

L. L. Parish Vice President

U. B. C. Commission

lands, the Commissioner of Public Lands of the State of New Mexico as to state lands, and the supervisor of the United States Geological Survey, Roswell, New Mexico, as to Federal and/or Indian Lands.

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EL PASO NATURAL GAS COMPANY

Attorney-in-Fact	STA
MOBIL OIL CORPORATION  By Attorney-in-Fact	LAND LEGAL RBA Interscords The

CONTINENTAL OIL COMPANY

By Attorney-in-Fact Bi

TENNECO OIL COMPANY

By\_\_\_\_\_Attorney-in-Fact

lands, the Commissioner of Public Lands of the State of New Mexico as to state lands, and the supervisor of the United States Geological Survey, Roswell, New Mexico, as to Federal and/or Indian Lands.

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This designation may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document.

IN WITNESS WHEREOF, this designation is executed as of the day and year first hereinabove written.

By July July

MOBIL OIL CORPORATION

EL PASO NATURAL GAS COMPANY

By Attorney-In-Fact

CONTINENTAL OIL COMPANY

By\_\_\_\_\_Attorney-in-Fact

TENNECO OIL COMPANY

By\_\_\_\_\_Attorney-in-Fact

. .

•	
· · · · · · · · · · · · · · · · · · ·	
STATE OF TEXAS	
COUNTY OF EL PASO	
The foregoing instrument was 1979 by T. W. Bi EL PASO NATURAL GAS COMPANY, a Del ration.	acknowledged before me this 27 day of ittick , Vice President, o aware corporation, on behalf of the corpo-
IN WITNESS WHEREOF, I hereunt	to set my hand and official seal.
My Commission expires:	
LOIS T. MAYNE  Rotary Fublic in and for El Paso County, Texas  By commission expires 12-31-80	Notary Public in and for El Paso County, Texas
STATE OF Julas !	
COUNTY OF Laures I	
	acknowledged before me this day of, Attorney-in-Fact of corporation, on behalf of the corporation.
My Commission expires:	
6-7-19	Notary Public in and for Larris County, Zeve
STATE OF	
COUNTY OF	
The foregoing instrument was	acknowledged before me this day of
, 1979 by CONTINENTAL OIL COMPANY, a Delawar	, Attorney-in-Fact of e corporation, on behalf of the corporation
	o set my hand and official seal.
My Commission expires:	
•.	Notary Public in and for County,
_	•
STATE OF	
COUNTY OFI	
The foregoing instrument was , 1979 by	acknowledged before me this day of, Attorney-in-Fact of rporation, on behalf of the corporation.
	o set my hand and official seal.
My Commission expires:	a sev my mana and orriotal scale
TO COMMITS TON EXPITES:	
	Notary Public in and for County,
	councy,

. 4 / 1779

STATE OF	
COUNTY OFI	
The foregoing instrument was acknown, 1979 by EL PASO NATURAL GAS COMPANY, a Delaware ration.	wledged before me this day of, Attorney-in-Fact of corporation, on behalf of the corpo-
IN WITNESS WHEREOF, I hereunto set	my hand and official seal
My Commission expires:	ing hand and official scal.
Ty commission expires.	
	Notary Public in and for County,
STATE OF June !	
COUNTY OF Zlavis !	~1.
The foregoing instrument was acknown 1979 by Land MCBIL OIL CORPORATION, a New York corpo	wledged before me thisday of, Attorney-in-Fact of ration, on behalf of the corporation.
IN WITNESS WHEREOF, I hereunto set	my hand and official seal.
My Commission expires:	
6-7-19	Notary Aublic in and for Harris County, June
STATE OF	
COUNTY OFI	
The foregoing instrument was acknown, 1979 by CONTINENTAL OIL COMPANY, a Delaware cor	wledged before me this day of , Attorney-in-Fact of poration, on behalf of the corporation.
IN WITNESS WHEREOF, I hereunto set	my hand and official seal.
My Commission expires:	
w v., w v v v v v v v	Notary Public in and for County,
STATE OF Colorado	
COUNTY OF Arapahoe I	
The foregoing instrument was acknown May , 1979 by L. L. Parish, Vice TENNECO OIL COMPANY, a Delaware corpora	wledged before me this 22nd day of President , XAKKOKKEXHIREE of tion, on behalf of the corporation.
IN WITNESS WHEREOF, I hereunto set	my hand and official seal.
My Commission expires:	
July 7, 1980	Notary Public in and for Arapahoe County, Colorado

10.00

 $W_{i}(\theta_{i},\theta_{i})$ 

STATE OF	
COUNTY OFI	
The foregoing instrument was ackn , 1979 by EL PASO NATURAL GAS COMPANY, a Delawar ration.	owledged before me thisday of , Attorney-in-Fact of e corporation, on behalf of the corpo-
IN WITNESS WHEREOF, I hereunto se	t my hand and official seal.
My Commission expires:	•
,	Notary Public in and for County,
STATE OF <u>Julias</u> !	
COUNTY OF Lauris!	<b></b>
The foregoing instrument was acknown, 1979 by MOBIL OIL CORPORATION, a New York corporation	owledged before me this $\frac{\pi}{2}$ day of Attorney-in-Fact of oration, on behalf of the corporation.
IN WITHESS WHEREOF, I hereunto se	t my hand and official seal.
My Commission expires:	
4-7-79	Notary Aublic in and for County, July
STATE OF Texas	
COUNTY OF Midland I	•
The foregoing instrument was acknown time, 1979 by Down of CONTINENTAL OIL COMPANY, a Delaware con	owledged before me this 4/1 day of 1) Brown, Attorney-in-Fact of rporation, on behalf of the corporation.
IN WITNESS WHEREOF, I hereunto se	t my hand and official seal.
My Commission expires:	
9-27-80	Notary Public In and for County, Texas
STATE OFI	·
COUNTY OF	
The foregoing instrument was acknown, 1979 by TENNECO OIL COMPANY, a Delaware corpora	owledged before me this day of, Attorney-in-Fact of ation, on behalf of the corporation.
IN WITNESS WHEREOF, I hereunto set	my hand and official seal.
My Commission expires:	
•	Notary Public in and for County,

n. et in all in a trail

2 12 9 1173



COMMERCIAL RESOURCES (505)-827-5724

SURFACE RESOURCES (505)-827-5795

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M. 310 Old Santa Fe Trail, P. O. Box 1148 Santa Fe, New Mexico 87504-1148 Phone (505)-827-5760, Fax (505)-827-5766 PUBLIC AFFAIRS (505)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

> LEGAL (505)-827-5713

PLANNING (505)-827-5752

January 9, 1997

Burlington Resources Oil & Gas Company P.O. Box 4289 Farmington, New Mexico 87499-4289

aa 8 **52** 

Attn:

Mr. James R. J. Strickler

Re:

1996 Plan of Development

Lindrith Unit First Amendment

Rio Arriba County, New Mexico

Dear Mr. Strickler:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.

COMMISSIONER OF PUBLIC LANDS

JAMI BAILEY, Director

Oil/Gas and Minerals Division

(505) 827-5744

RP/JB/cpm

cc: Reader File

**BLM** 

OCD--Mr. Roy Johnson



SAN JUAN DIVISION

December 11, 1996

N)

Bureau of Land Management (3) Farmington Resource Area 1235 La Plata Highway Farmington, NM 87401 N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, NM 87501

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 S. Pacheco Santa Fe, NM 87505

**RE:** LINDRITH UNIT, I SEC. #713

RIO ARRIBA COUNTY, NEW MEXICO

FIRST AMENDMENT

1996 PLAN OF DEVELOPMENT

#### Gentlemen:

By our letter dated March 1, 1995, Burlington Resources Oil & Gas Company (formerly Meridian Oil Inc., successor by name change 7-11-96.), as Unit Operator, for the referenced unit, filed the Plan of Development for the calendar year 1996. This program provided for the drilling of no wells.

Subsequent to the submittal of said letter dated March 1, 1995, one (1) recompletion well has been proposed:

WELL NAME DRILLING BLOCK FORMATION

Lindrith B #72 E/2 Sec. 8, T24N, R2W Dakota

Burlington has contacted all of the working interest owners regarding the recompletion of the Lindrith B #72 and all of the working interest owners believe that all current obligations have been satisfied.

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

Regulatory Agencies December 11, 1996 Page 2

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

Please contact James Strickler at (505) 326-9756 if there are any questions regarding this letter.

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

Very truly yours,

James R.J. Strickler Senior Staff Landman

JRS/dg pod.doc Enclosures Lindrith 3.0 (1996)

#### 1996 PLAN OF DEVELOPMENT APPROVALS

APPROVED:_		DATE:_	
	Bureau of Land Management		
$APPROVED:\_$		DATE:_	·
	Commissioner of Public Lands		
	() 010		
APPROVED:(	Ky Coffeen	DATE.	12/16/96
APPROVED:C		DATE:_	10/10/10
	Oil Conservation Division		

#159



March 1, 1996

Bureau of Land Management (3) Farmington Resource Area 1235 La Plata Highway Farmington, NM 87401 N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, NM 87501

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 S. Pacheco Santa Fe, NM 87505

> RE: LINDRITH UNIT, I SEC. #713 RIO ARRIBA COUNTY, NEW MEXICO 1996 PLAN OF DEVELOPMENT

#### Gentlemen:

By our letter dated March 17, 1995, Meridian Oil Inc., as Unit Operator, for the referenced unit, filed the Plan of Development for the calendar year 1995. This program provided for the drilling of no wells.

The following Participating Areas currently exist in the Unit:

<u>FORMATION</u>	<u>EXPANSION</u>	EFFECTIVE DATE
Pictured Cliffs	30th	10-01-82
Mesaverde	4th	11-01-84

Pursuant to Section 9 of the Lindrith Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits a no well program for the 1996 Plan of Development. Mobil Exploration & Producing U.S. Inc., as Sub-Operator, hereby submits their proposed 1996 Plan of Development.providing for the drilling of no wells.

Meridian Oil Inc. has contacted all of the working interest owners and have recieved the necessary concurrence to propose the above stated 1996 Plan of Development.

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

Regulatory Agencies March 1, 1996 Page 2

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

Please contact Van Goebel at (505) 326-9759 if there are any questions regarding this letter.

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

Very truly yours,

Van Goebel
Senior Landman

Enclosures Lindrith 3.0 (1996)

#### 1996 PLAN OF DEVELOPMENT APPROVALS

APPROVED:		DATE:
	Bureau of Land Management	
APPROVED:		DATE:
	Commissioner of Public Lands	
		, ,
APPROVED:	Dycholin	DATE: 3/15/96
	Oil Conservation Division	
	<b>7</b>	

## LINDRITH UNIT WORKING INTEREST OWNERS

~	-
Conoco.	Inc
COHOCO.	. 1110

Meridian Oil Inc.

Frank Yockey

Mobil Producing Texas & New Mexico

MW Petroleum Corporation



## State of New Mexico Commissioner of Public Lands

RAY POWELL, M.S., D.V.M. COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

(505) 827-5760 FAX (505) 827-5766

**SANTA FE, NEW MEXICO 87504-1148** 

March 12, 1996

Meridian Oil Inc.
Post Office Box 4289
Farmington, New Mexico 87499-4289

Attn:

Mr. Van Goebel

Re:

1996 Plan of Development

Lindrith Unit

Rio Arriba County, New Mexico

Dear Mr. Goebel:

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

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

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

Very truly yours,

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

LARRY KEHOE, Director

Oil, Gas and Minerals Division

(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File

Commissioner's File

OCD

TRD

BLM



## United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Rio Puerco Resource Area 435 Montano N.E. Albuquarque, New Mexico 87107





JE 1 4 1995

Mr. Van Goebel Meridian Oil P.O. Box 4289 Farmington, NM 87499

Dear Mr. Goebel:

One approved copy of your amended 1995 Plan of Development for the Lindrith unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing to make artificial lift modifications to four wells and the completion of field-wide pit remediation, was approved on this date. This additional information was provided by Mobil Producing Texas & New Mexico Inc., as sub operator of the Dakota Participating Area

If you have any questions, please contact Robert Kent at the above address or telephone (505) 761-8762.

Sincerely,

Jenny Wall
Joe Incardine

Chief, Lands and Minerals

Enclosure

CC:

NM (943) w/o enclosure

NMOCD w/o enclosure

Comm. of Public Lands w/o enclosure

NM (017, R. Kent) w/o enclosure

## MERIDIAN OIL

195 AP 74 FM 8 52

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

NM Oil Conservation Division Energy & Minerals Department 2040 S. Pacheco Sante Fe, NM 87505

NM Commissioner of Public Lands P.O. Box 1148 Sante Fe, NM 87505

RE: LINDRITH UNIT, I SEC. #713
RIO ARRIBA COUNTY, NEW MEXICO
1995 PLAN OF DEVELOPMENT

Subsequent to the submittal of our 1995 Plan of Development Mobil Exploration & Producing U.S. Inc., as Sub-Operator, has requested we provide the enclosed additional information.

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

Very traly yours

Van L. Goebel Senior Landman

VLG/dg Enclosures

File: Lindrith Unit, 3.0 (1995)

## Mobil Exploration & Producing U.S. Inc.

March 21, 1995

P.O. BOX 633 MIDLAND, TEXAS 79702

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

Attention: Van L. Goebel Senior Landman AR 1995
RECEIVED and Dept.

FIELD REVIEW 1994
PLAN OF DEVELOPMENT 1995
LINDRITH "B" UNIT
I. SECTION NO. 713
RIO ARRIBA COUNTY, NEW MEXICO
C - 5021

#### Gentlemen:

Attached is the 1994 Review of Operations and proposed 1995 Plan of Development for the Lindrith Unit.

As Unit Operator, El Paso Natural Gas Company is requested to submit this information to the agencies listed on the attached page for their review and approval.

Should you have any questions, please call me at (915)688-2082.

Yours very truly,

MOBIL EXPLORATION, & PRODUCING U.S. INC.

as agent for

MOBIL PRODUCING TEXAS & NEW MEXICO INC.

Mark A. Haralson

Staff Landman

Mid-Continent Region

MAH:dt Attachment EL PASO NATURAL GAS COMPANY March 21, 1995 Page 2

New Mexico State Land Office Attn: Commissioner of Public Lands P.O. Box 148 Santa Fe, NM 87504

Approved Date:
State Oil Conservation Division Attn: Director P.O. Box 2088
Approved 5/5/95
Bureau of Land Management Attn: Cheif-Branch of Fluid Mins. 1235 La Plata Highway
Approved Date:

## LINDRITH B UNIT RIO ARRIBA COUNTY, NEW MEXICO

#### REVIEW OF OPERATIONS FOR 1994

#### Mobil Operated - Status as of 12/31/94

Well Status	<u>Dakota</u>	<u>Gallup</u>	<u>Total</u>	
Producing Shut-in Water Disposal	43 2	3 2	46 4 1	
Production				
Oil, BO Gas, MCF Water, BW	165,137 1,419,119 49,275	2,413 142,292 440	167,550 1,561,411 49,715	
Cumulative Production				
Oil, MBO Gas, MMCF Water, MBW			3,631 22,274 1,188	

#### Production Plots

Attached are performance curves for the Lindrith Unit Mobil-operated wells through 1994.

#### Operations Review

- 4 wells converted to plunger lift
- 10 pit remediations completed
- Water disposal well R/C to Lewis Chacra Shale
- No plug and abandonments in 1994

#### PROPOSED OPERATIONS FOR 1995

There are no recompletions, new drills, or abandonments anticipated at this time. Four wells will have artificial lift modifications (ex. rod pump to gas lift). Completion of the field-wide pit remediation is expected.

LEASE 56622 - ALL SUBS FIELD 04655 - ALL ZONES

PAGE

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MONTHLY OPERATIONS REPORT

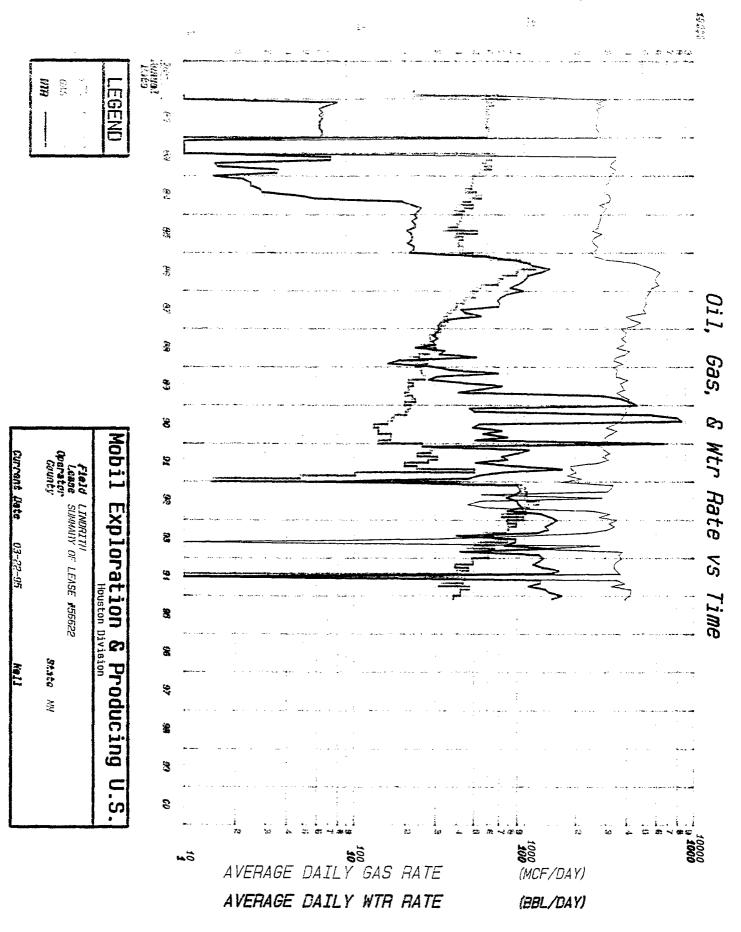
LEASE 56622 - ALL SUBS FIELD 04655 - ALL ZONES

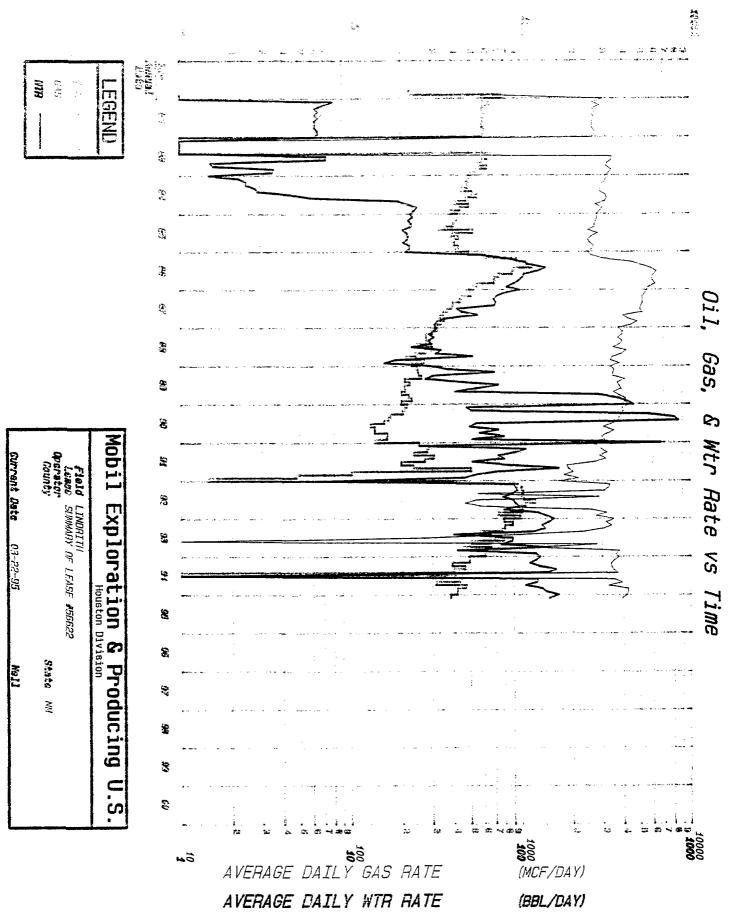
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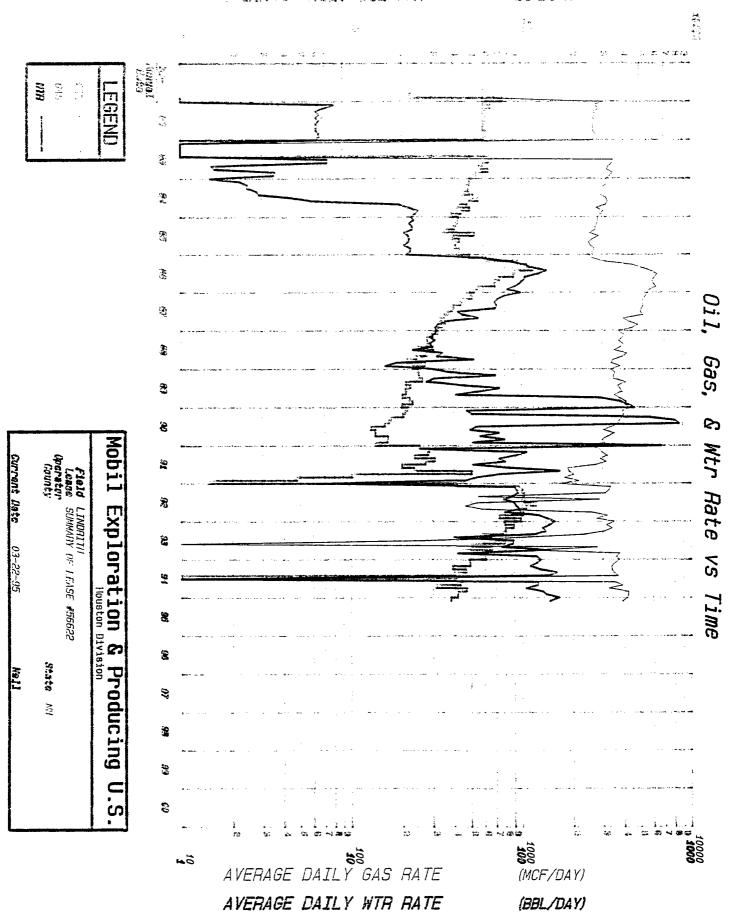
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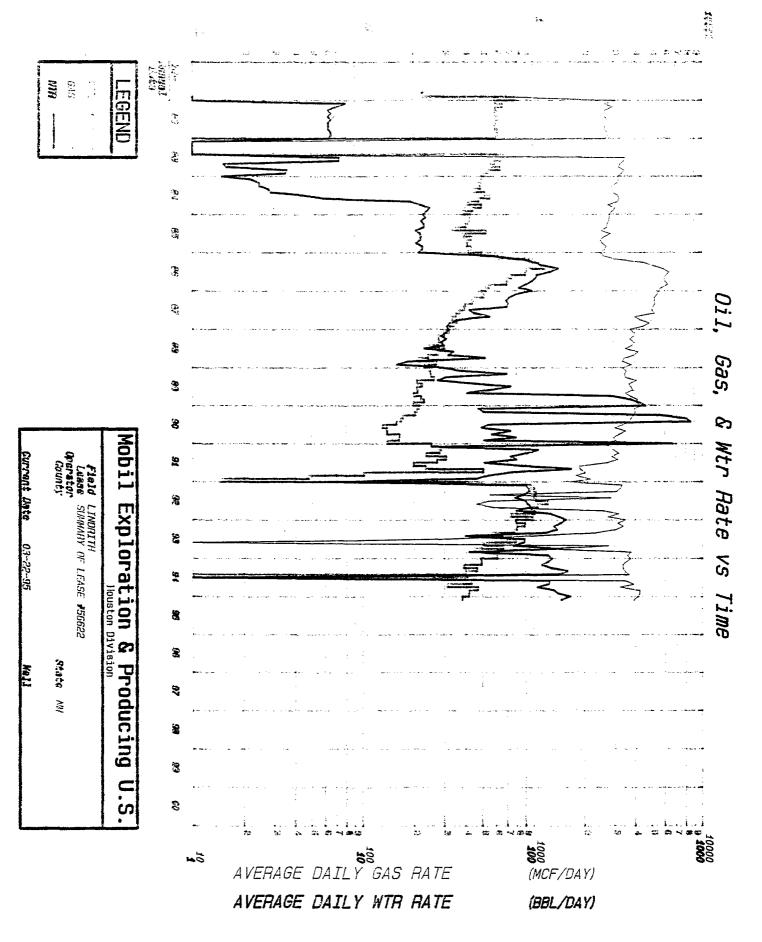
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## LINDRITH UNIT WORKING INTEREST OWNERS

Conoco, Inc.

El Paso Production Company

Frank Yockey

Mobil Producing Texas & New Mexico

MW Petroleum Corporation

## MERIDIAN OIL

RECEIVED

\*95 MH 211 PMarch 27, 1995

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

N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, NM 87501

N.M. Oil Conservation Division (2) Energy & Minerals Department 2040 S. Pacheco Santa Fe, NM 87505

> RE: LINDRITH UNIT, I SEC. #713 RIO ARRIBA COUNTY, NEW MEXICO 1995 PLAN OF DEVELOPMENT

#### Gentlemen:

By our letter dated February 25, 1994, Meridian Oil Inc., as Unit Operator, for the referenced unit, filed the Plan of Development for the calendar year 1994. This program provided for the drilling of no wells.

The following Participating Areas currently exist in the Unit:

<u>FORMATION</u>	<u>EXPANSION</u>	EFFECTIVE DATE
Pictured Cliffs	30th	10-01-82
Mesaverde	4th	11-01-84

Pursuant to Section 9 of the Lindrith Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits a no well program. Mobil Exploration & Producing U.S. Inc., as Sub-Operator, hereby submits their proposed 1995 Plan of Development.providing for the drilling of no wells.

Meridian Oil Inc. has contacted all of the working interest owners and have recieved the necessary concurrence to propose the above stated 1995 Plan of Development.

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

Regulatory Agencies March 17, 1995 Page 2

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

Please contact Van Goebel at (505) 326-9759 if there are any questions regarding this letter.

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

Very truly yours,

Van Goebel Senior Landman

Enclosures Lindrith 3.0 (1995)

#### 1995 PLAN OF DEVELOPMENT APPROVALS

APPROVED:		DATE:
	Bureau of Land Management	
APPROVED:		DATE:
	Commissioner of Public Lands	
	0211	
APPROVED:	Ty Cohum	DATE: 3-22-95
	Oil Conservation Division	

## LINDRITH UNIT WORKING INTEREST OWNERS

Conoco, Inc.

El Paso Production Company

Frank Yockey

Mobil Producing Texas & New Mexico

MW Petroleum Corporation

IN DIVISION

## Mobil Exploration & Producing U.S. Inc. ST AP : 22 HM 8 50

April 4, 1994

P.O. BOX 633 MIDLAND, TEXAS 79702

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

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

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

NON-COMMERCIAL WELL DETERMINATION LINDRETH "B" UNIT GALLUP/DAKOTA FORMATIONS RIO ARRIBA COUNTY, NM C-5021

#### Gentlemen:

In response to requests from the BLM, we have determined that the Lindreth "B" Unit #35 (SW/4 NE/4, Section 9, T-24-N, R-3-W) is not capable of commercial production and therefore should not be included in the Lindrith "B" Dakota Formation Participating Area.

By letter dated August 13, 1990, Mobil requested the inclusion of this well (Tract 16) along with the Lindreth "B" No. 27 (Tract 6) as the 5th revision of the participating area. This request was rejected by the BLM on May 24, 1991.

If you are in agreement with our assessment, please execute the attached letter ballot in the appropriate place.

Should you have any questions in this regard, please call me a (915)688-2082.

Very truly yours,

MOBIL EXPLORATION /& PRODUCING U.S. INC.

/ as agent for PROPUCING TEXAS & NEW MEXICO INC.

Mark A. Haralson Staff Landman

Mid-Continent Region

MAH: dt.

Attachment

J. V. Henson - 724CRT, Dallas
C. S. Farney - 707ERT, Dallas

K. L. McGaughey - 724BRT, Dallas

K. L. Soderman - 375, Houston

# ATTACHMENT I

### MOBIL EXPLORATION & PRODUCING U.S. INC. COMMERCIALITY DETERMINATION

Well Name: Lindrith B 35
Formation: Dakota
Location: SW/4 NE/4, Section 9, T-24-N, R-3-W

County, State: Rio Arriba, New Mexico

Date Spudded: 10-13-85 Date Completed: 12-05-85

Date of First Delivery: 01-24-86

Date of Commerciality Submittal: 03-25-94

Well Cost Data

Total Well Costs: \$574,000

Production Taxes

	Oil	Gas
	% of Revenue 1986-1993	% of Revenue <u>1986-1993</u>
Severance tax	8.08%	11.53%
Ad Valorem	0.22%	0.22%

Average Product Pricing

Oil Price (\$/BBL) Gas Price (\$/MCF) <u>Years</u> 1986-1993 17.22 1.88

Estimated Gross Annual Production and Operating Expenses

<u>Years</u>	Oil (MBO)	Gas (MMCF)	Operating Expense (M\$)
1986	3.862	14.314	15
1987	4.326	32.675	21
1988	2.721	27.357	15
1989	2.554	32.402	9
1990	1.780	26.566	11
1991	1.398	16.581	17
1992	1.476	3.399	24
1993	.906	8.477	19

# **BALLOT**

APPROVED:		DATED:	
	Bureau of Land Management (Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division)		
APPROVED:	Commissioner of Public Lands	DATED:	
	(Subject to like approval by the Bureau of Land Management and the Oil Conservation Division)		
APPROVED:	By Elohum	DATED:	4/21/24
	(Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)	_	7

The foregoing approvals are for non-commercial well determination of the Lindrith Unit #35 (Tract 16, SW/4 NE/4, Sec. 9, T-24-N, R-3-W) and # 27 (Tract 6), Lindrith Unit, Rio Arriba County, New Mexico.



# State of New Mexico Commissioner of Public Lands

RAY POWELL, M.S., D.V.M. COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE. NEW MEXICO 87504-1148

May, 10, 1994

Mobil Exploration & Producing U.S. Inc. P. O. Box 633 Midland, Texas 79702

Attn: Mr. Mark A. Haralson

Non-Commercial Well Determination Re:

Lindrith "B" Unit Well No. 35

**Dakota Formation** 

Rio Arriba County, New Mexico

Dear Mr. Haralson:

This office is in receipt of your letter of April 4, 1994 together with the data to support your non-commercial well determination of the Lindrith "B" Unit Well No. 35 in the Dakota Formation. A review of our records reveals that this well, located in the SW/4NE/4 of Section 9, Township 24 North, Range 3 West, was initially included in your application for approval of the fifth revision of the Dakota participating area in your letter of August 13, 1990.

Please be advised that, according to the data submitted, this office concurs with your assessment that the Lindrith "B" Unit Well No. 35 is not capable of commercial production from the Dakota Formation and should not be included in the Dakota Participating Area. This action is subject to like approval by the Bureau of Land Management and the NM Oil Conservation Division.

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

Very truly yours,

RAY POWELL, M.S., D.V.M.

COMMISSIONER OF PUBLIC LANDS

BY: Thought le Man FLOYD O. PRANDO, Director

Oil/Gas and Minerals Division

(505) 827-5744

RP/FOP/pm

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

(505) 827-5760 FAX (505) 827-5766



# RAY POWELL, M.S., D.V.M. COMMISSIONER

# State of New Mexico Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

**SANTA FE, NEW MEXICO 87504-1148** 

(505) 827-5760 FAX (505) 827-5766

SLO REF NO. OG-1377

March 21, 1994

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

Attn: Mr. Ken Beers

Re: 1994 Plan of Development

Lindrith Unit

Rio Arriba County, New Mexico

Gentlemen:

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

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

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

Very truly yours,

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

Floyd Q 1 hand

BY:

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

RBP/FOP/pm

cc: OCD Roy Johnson

BLM



# State of New Mexico Commissioner of Public Lands

RAY POWELL, M.S., D.V.M. COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760 FAX (505) 827-5766

SLO REF NO. OG-1376

March 21, 1994

Mobil Exploration & Producing U.S., Inc. P.O. Box 633 Midland, Texas 79702

Attn: Mr. Mark A. Haralson

Re: 1994 Plan of Development

Lindrith "B" Unit

Rio Arriba County, New Mexico

#### Gentlemen:

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

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

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

Very truly yours,

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

BY: Floyal (2 1 name FLOYD O. PRANDO, Director Oil and Gas Division (505) 827-5744

RBP/FOP/pm

cc: OCD-Roy Johnson

BLM

# MERIDIAN OIL

101/75 1 1 1 8 39 February 25, 1994

Bureau of Land Management (3) Farmington Resource Area 1235 La Plata Highway Farmington, NM 87401 N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, NM 87501

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

> RE: LINDRITH UNIT, I SEC. #713 RIO ARRIBA COUNTY, NEW MEXICO 1994 PLAN OF DEVELOPMENT

#### Gentlemen:

By our letter dated February 25, 1993, Meridian Oil Inc., as Unit Operator, for the referenced unit, filed the Plan of Development for the calendar year 1993 providing for the drilling of no wells.

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

Fruitland Coal Recompletions, Non-Commercial	4
Pictured Cliffs, Commercial	93
Pictured Cliffs, Non-Commercial	5
Pictured Cliffs, Being Evaluated	8
Pictured Cliffs, Plugged & Abandoned	9
TOTAL	119

Pursuant to Section 9 of the Lindrith Unit Agreement, Merdian Oil Inc., as Unit Operator, submits a no well program. Mobil Exploration & Producing U.S. Inc., as Sub-Operator, hereby submits their proposed 1994 Plan of Development (copy attached) providing for the drilling of no wells. Mobil has also provided the attached 1993 Summary of Activity for the Lindrith "B" Unit for your files.

Meridian Oil Inc. has contacted all of the working interest owners and has received the necessary concurrence to propose the above stated 1994 Plan of Development.

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

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return and approved copy to the attention of the undersigned as the letterhead address.

Regulatory Agencies February 25, 1994 Page 2

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

Very truly yours,

Kent Beers Attorney-in-Fact

VLG/cj ID:vlgplan.2 Enclosures Lindrith 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:	•	DATE:
APPROVED:	Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)	DATE: 3/14/94

The foregoing approvals for the 1994 Plan of Development for the Lindrith Unit, I, Sec. No. 713, Rio Arriba County, New Mexico.

# LINDRITH UNIT WORKING INTEREST OWNERS

Conoco, Inc.

Meridian Oil Inc.

Mobil Producing Texas & NM

MW Petroleum Corporation

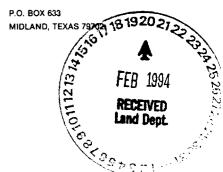
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# Mobil Exploration & Producing U.S. Inc.

February 2, 1994

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

Attention: Van L. Goebel Senior Landman



FIELD REVIEW 1993
PLAN OF DEVELOPMENT 1994
LINDRITH "B" UNIT
1. SECTION NO. 713
RIO ARRIBA COUNTY, NEW MEXICO
C - 5021

#### Gentlemen:

Attached is the 1993 Review of Operations and proposed 1994 Plan of Development for the Lindrith "B" Unit.

As Unit Operator, El Paso Natural Gas Company is requested to submit this information to the agencies listed below for their review and approval.

Should you have any questions, please call me at (915)688-2082.

Very truly yours,

MOBIL EXPLORATION & PRODUCING U.S. INC.

as agent for

MOBIL PRODUCING TEXAS /& NEW MEXICO INC.

Mark A. Haralson

Staff Landman

Mid-Continent Region

MAH: dt

EL PASO NATURAL GAS COMPANY February 2, 1994 Page 2

New Mexico State land Office Attn: Commissioner of Public Lands P.O. Box 148 Santa Fe, NM 87504

Approved
Date:
State Oil Conservation Division
Attn: Director
P.O. Box 2088
Santa Fa, NM 87501
Dy Conu
Approved 3/4/64
Date: 3/14/94
Duranu of Land Vanagoment
Bureau of Land Management Attn: Chief-Branch of Fluid Mins.
1235 La Plata Highway
Farmington, NM 87401
•
3
Approved

# LINDRETH B UNIT RIO ARRIBA CO., NEW MEXICO

#### REVIEW OF OPERATIONS FOR 1993

# Mobil Operated - Status as of 12/31/93

Well Status	<u>Dakota</u>	<u>Gallup</u>	<u>Total</u>
Producing Shut-in Water Disposal	43 2	3 2	46 4 1
Production			
Oil, BO Gas, MCF Water, BW	245,821 855,068 37,931	2,433 121,644 443	248,254 976,712 38,374
Cumulative Production			
Oil, MBO Gas, MMCF Water, MBW			3,463 20,713 1,138

# Production Plots

Attached are performance curves for the Lindreth Unit Mobil Operated Wells through 1993. Gavilan (Gavilan-Mancos Pool) and Dakota (West Lindreth Gallup/Dakota Pool) are reported separately.

# Operations review

There were no workovers, conversions or new drill wells in 1993. Lindreth B Wells No. 4 and No. 74 were plugged and abandoned in 1993.

# PROPOSED OPERATIONS FOR 1994

We may drill a new well in the Northeast portion of the Unit in 1994, however no funds have been budgeted for such at this time. There are no workovers, conversions or abandonments anticipated at this time.

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# MONTHLY OPERATIONS REPORT

DECEMBER 1993

# LEASE 56622 - ALL SUBS

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PRODUCING	PRODUCTION DATA	WATER BBL B/	
	PR	S CF/D	
AKOTA		GAS MCF MCF/D	00000000 0 0000 00 00000000000000000000
UBS GALLUP/DAKOTA	1 1 1	B/D	
ALL SUBS W GAL	1	OIL BBL	0000000 0 0000 00 000000000000000000000
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		TEST DATE	LINDRITH B 93/11/09 93/11/09 93/11/09 93/11/09 93/11/09 93/11/11 11/11 11/11 11/09 93/11/08 93/11/12 93/11/18 93/11/19 93/11/19 93/11/09
·		DAILY ALLOW	-56622001 -5662202 -5662203
		WELL	LEASE DAK 000 0207 075 076 078 082 082 012 LEASE 009 0009 0001 LEASE 0013 011 013 014 010 022 023 026 029 029 030 031 033

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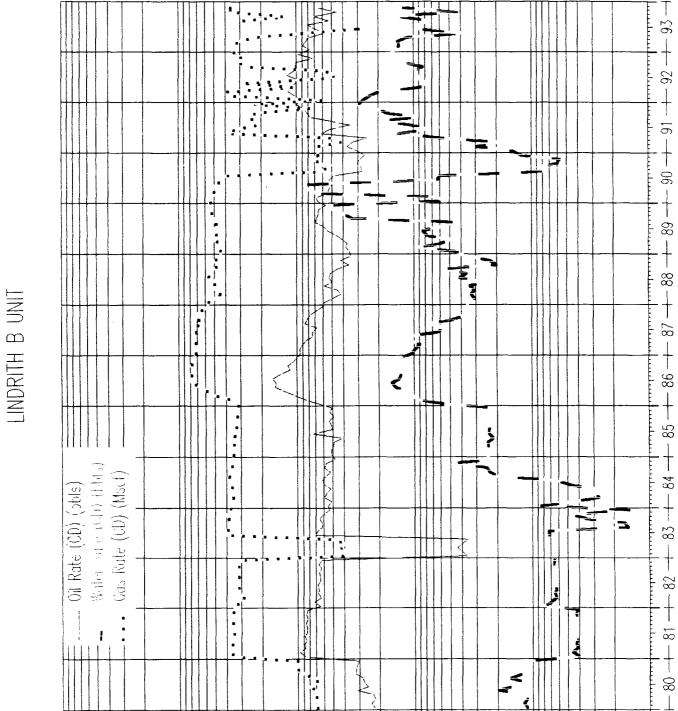
# MONTHLY OPERATIONS REPORT

DECEMBER 1993 PAGE

PRODUCING WELL SUMMARY

LEASE 56622 - ALL SUBS FIELD 04655030 - LINDRITH W. - GALLUP/DAKOTA

*	CUM WATER		16002	9486	19976	9821		915	4597		4965
; ; ;	CUM		248947	541855	331810	422690		26290	160768		28186
	CUM		21279	38866	28354	40961		3550	19292		34163
N DATA	R B/D		0	0	0	0		0	0		0
PRODUCTION DATA	WATER BBL B/D		0	0	0	0		0	0		0
PR(	F/D		0	0	0	0		C	0		0
	GAS MCF MCF/D		0	0	0	0		0	0		0
	B/D		0	0	0	0		0	0		0
-	OIL BBL B/D		0	0	0	0		0	0		0
* : : : : : : : : : : : : : : : : : : :	WT CT PCT		20	99	09	22		0	50		10
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TEST DAT	GAS MCF/D	TA	82.000	165.000	60.000	7.00 134.000 2.0	KOTA	000.0	43.000		91.000
1 1 1 1 1 1	OIL B/D	T - DAKO	3.00	2.00	2.00	7.00	UNIT DA	00.0	1.00	٠	149.00
*	TEST	LEASE-5662204 LINDRITH B UT - DAKOTA	93/11/16	93/11/17	93/11/20	93/11/13	LINDRITH "B"	90/04/01	93/11/09	LINDRITH "B"	
	DAILY ALLOW	5662204					LEASE-5662205			LEASE-5662206	
	WELL NO	LEASE-	042	044	045	046	LEASE-	025	035	LEASE-	770





# State of New Mexico

OFFICE OF THE

# Commissioner of Public Lands

Santa Te

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

SLO REF NO. OG-1252

March 11, 1993

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

Attn: Mr. Kent Beers

Re: 1993 Plan of Development

Lindrith Unit

Rio Arriba County, New Mexico

### Gentlemen:

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

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

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

Very truly yours,

JIM BACA

COMMISSIONER OF PUBLIC LANDS

FLOYD O. PRANDO, Director Oil and Gas Division

Oil and Gas Division (505) 827-5744

JB/FOP/pm cc: OCD BLM 193 MAR 1 AM 9 38

February 25, 1993

Bureau of Land Management (3) Farmington Resource Area 1235 La Plata Highway Farmington, NM 87401 N.M. Commissioner of Public Lands (2) P.O. Box 1148 Santa Fe, NM 87501

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

RE: LINDRITH UNIT, I SEC. #713

RIO ARRIBA COUNTY, NEW MEXICO

1993 PLAN OF DEVELOPMENT

### Gentlemen:

By our letter dated February 27, 1992, Meridian Oil Inc., as Unit Operator, for the referenced unit, filed the Plan of Development for the calendar year 1992 providing for the drilling of no wells.

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

Fruitland Coal Recompletions, Non-Commercial		4
Pictured Cliffs, Commercial		93
Pictured Cliffs, Non-Commercial		5
Pictured Cliffs, Being Evaluated		8
Pictured Cliffs, Plugged & Abandoned		9
	TOTAL	119

Pursuant to Section 9 of the Lindrith Unit Agreement, Merdian Oil Inc., as Unit Operator, submits a no well program. Mobil Exploration & Producing U.S. Inc., as Sub-Operator, hereby submits their proposed 1993 Plan of Development (copy attached) providing for the drilling of two (2) Dakota Sand wells. Mobil has also provided the attached 1992 Summary of Activity for the Lindrith "B" Unit for your files.

Meridian Oil Inc. has contacted all of the working interest owners and has received the necessary concurrence to propose the above stated 1993 Plan of Development.

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

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return and approved copy to the attention of the undersigned as the letterhead address.

Regulatory Agencies February 25, 1993 Page 2

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

Very truly yours,

Kent Beers

Attorney-in-Fact

VLG/pr ID:vlgplan.1 Enclosures Lindrith 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:	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: 3-8-93

The foregoing approvals for the 1993 Plan of Development for the Lindrith Unit, I, Sec. No. 713, Rio Arriba County, New Mexico.

# LINDRITH UNIT WORKING INTEREST OWNERS

Conoco, Inc.

Meridian Oil Inc.

Mobil Producing Texas & NM

**MW Petroleum Corporation** 

# Mobil Exploration & Producing U.S. Inc.

P.O. BOX 633 MIDLAND, TEXAS 79702

February 12, 1993

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

Attention: Kent Beers, Land Department

FIELD REVIEW 1992
PLAN OF DEVELOPMENT 1993
LINDRITH "B" UNIT
I. SECTION NO. 713
RIO ARRIBA COUNTY, NEW MEXICO
C-5021

# Gentlemen:

Attached is the 1992 Review of Operations and proposed 1993 Plan of Development for the Lindrith "B" Unit.

As Unit Operator, El Paso Natural Gas Company is requested to submit this information to the agencies listed below for their review and approval.

Should you have any questions, please call me at (915) 688-2114.

Very truly yours,

MOBIL EXPLORATION & PRODUCING U.S. INC. as Agent for MOBIL PRODUCING TEXAS & NEW MEXICO INC.

Glen D. Cox Staff Landman Midland North Area

GDC/tc

EL PASO NATURAL GAS COMPANY February 12, 1993 Page 2

New Mexico State Land Office Attn: Commissioner of Public Lands P. O. Box 148 Santa Fe, NM 87504

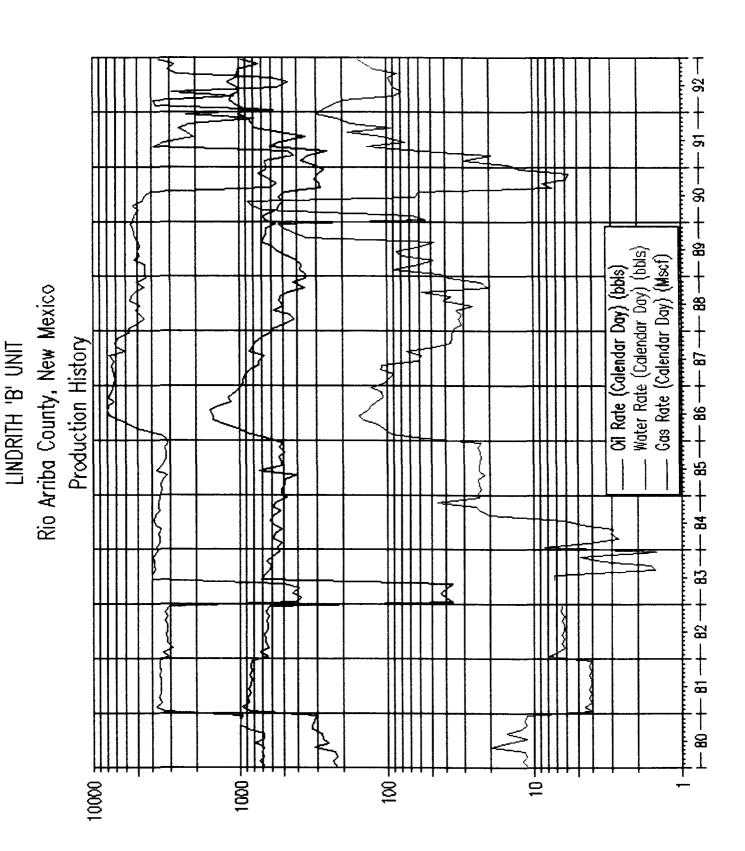
Approved
Date:
State Oil Conservation Division Attn: Director
P. O. Box 2088 Santa Fe, NM 87501
Salita re, IM 0/301
Approved
Date:
Bureau of Land Management Attn: Chief-Branch of Fluid Mins 1235 La Plata Highway Farmington, NM 87401
Approved
Date:

# LINDRITH B UNIT RIO ARRIBA COUNTY, NEW MEXICO

# REVIEW OF OPERATIONS FOR 1992

Three Dakota wells were orilled and completed in 1992. Two were put on production and one was Th ed. The Lindrith B unit No. 82, 10cated in the SW 1/4, S6-T24N-R2W, was drilled and completed on 3/23/92 with an initial potential of 220 BOPD, 135 MCFPD and 70 BWPD. It is currently producing at 184 BOPD, 174 MCFPD and 1 BWPD. The Miller-1, located in the NE 1/4, S17-T24N-R2W, was drilled and completed on 6/27/92, with an initial potential of 37 BOPD, 18 MCFPD, and 3 BWPD. It is currently producing at 32 BOPD, 27 MCFPD, and 0 BWPD. The Lindrith B Unit No. 84, located in the SW 1/4, S16-T24N-R2W was drilled and completed on 7/19/92 with an initial potential of 6 BOPD and minor gas. This well has been TA ed pending further production testing.

We plan to drill and complete two Dakota wells in the Lindrich B Unit in 1993.



PAGE 1

PRODUCING WELL SUMMARY

# ALL LEASES FIELD 04655 - ALL ZONES

<del>-</del> -	т 	FIELD DAK 000 027 075 076 077 078	FIELD		NO MELL
ELD-04655030	04655030 04655030	ELD-04655030	04655030 04655030 04655030	04655030 04655030 04655030 04655030	DAILY ALLOW
UNDRITH 90/03/24 90/03/24 90/03/24 92/12/09 11/09 92/12/16 92/12/17 92/12/17 92/12/17 92/12/17 92/12/17 92/12/17					TEST DATE
# 6.00 # 6.00 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000	8.00 8.00 8.00 3.00	W GALL 400.00 173.00 2.00 25.00 8.00 98.00 169.00	GALL GALL GALL GALL	W DAKOT W GALLU H9.00 W GALLU H0.00 W GALLU 4.00 W GALLU	* 01L B/D
UP/DAKOTA 19.800 UP/DAKOTA 8.000 93.000 114.000 67.000 53.000 77.000 30.000 215.000	UP/DAKOTA 61.000 UP/DAKOTA 113.000 23.000 65.000	UP/DAKOTA 345.000 100.000 153.000 113.000 16.000 55.000 209.000	UP/DAKOTA 23.000 124.000 UP/DAKOTA 166.000 UP/DAKOTA	حر مُ مُ مُ	GAS MCF/D
LEASE-50 	LEASE-5 LEASE-5 2.00 1.00 2.00	LEASE - 5 2.00 18.00 2.00 0.50 1.00 19.00 9.00	51 51 51	-0310400 0.00 LEASE-1 3.00 LEASE-1 12.00 LEASE-3 1.00	DATA WATER B/D
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00 07 00 00 00 00 00 00 00 00 00 00 00 0	3648 4338 1155 6641	898 422 11289 104 746 4845 5910 713	58 1819 616 34922	107 7196 4017 137143 589041	CUM WATER

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# MONTHLY OPERATIONS REPORT

# DECEMBER 1992

PAGE

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PRODUCING WELL SUMMARY

# ALL LEASES FIELD 04655 - ALL ZONES

003 004	-	<del>-</del>	E1 C	025 035	0017 0017 0017 0017 0017 0017 0017 0017	WELL NO
ELD-04655030		ELD-04655030	LD-04655030			ELD-04655030
	1555		7 <del>1</del> 2 3		92/12/15 92/12/20 92/12/20 92/12/25 92/12/15 92/12/15 92/12/15 92/12/16 92/12/16	
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FIELD-04655030 LINDRITH W GALLUP/DAKOTA H20 DISPOSAL 025 FIELD-04655030 LINDRITH W GALLUP/DAKOTA H20 DISPOSAL 025	INJECTION TYPE
- GALLUP/DAKOTA 025 - GALLUP/DAKOTA 025	WELL NUMBER
LEASE-5190100 SWD SERVING LIND 3584 LEASE-5662205 LINDRITH "B" UNI 0	INJECTION VOLUME
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102663 88843	LNJ

# MONTHLY OPERATIONS REPORT ALL LEASES FIELD 04655 - ALL ZONES

OPERATIONS	
SUMMARY	
DECEMBER PAGE	
1992 1	

TOTAL	CURRENT WELL STATUS SUMMARY PRODUCING WELLS OIL ACTIVE OIL INACTIVE GAS ACTIVE SERVICE WELLS WIR DISP ACTIVE	SERVICE WTR DISP - BBL WTR DISP - B/D	GOR -	DAILY ALLOWABLE PRODUCTION OIL/COND - BBL GAS - MCF WATER - BBL OIL/COND - B/D GAS - M/D WATER - B/D	
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66	DECEMBER 1992 62 1 2	3092 103	1157	34325 39725 39725 2878 1143 1324 95	APR
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		5855 188	3062	0 31357 96034 3777 1011 3097 121	OCT
		3002 100	3810	0 21928 83560 4197 731 731 2785 139	NOV
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# MERIDIAN OIL

February 11, 1993

- 72 14 mm 9 85

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

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

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

RE: LINDRITH UNIT, I SEC. NO. 713

Rio Arriba County, New Mexico

NOTICE OF NON-COMMERCIAL WELLS

**Fruitland Coal Formation** 

#### Gentlemen:

In accordance with Section 10 of the Lindrith Unit Agreement, Meridian Oil Inc., as Unit Operator, has determined that the following wells are not capable of producing unitized substances in paying quantities from the Fruitland Coal to be admitted to a Participating Area:

# **LINDRITH UNIT #15**

WELL NO./DESCRIPTION	TRACT/ACRES	TR. DESCRIPTION	COMP. DATE
	LEASE NO.		
SE/4 16-24N-3W	Tr. 7/160.00 - SF-078913	SE/4	12/3/90

# **LINDRITH UNIT #24**

WELL NO./DESCRIPTION	TRACT/ACRES	TR. DESCRIPTION	COMP, DATE	
NE/4 11-24N-3W	<u>LEASE NO.</u> Tr. 6/160.00 - SF-078912	NE/4	12/10/90	

# **LINDRITH UNIT NP #27**

WELL NO./DESCRIPTION	TRACT/ACRES	TR. DESCRIPTION	
	<u>LEASE NO.</u>		
SW/4 8-24N-2W	Tr. 2/160.00 - SF-078908	SW/4	12/14/90

#### **LINDRITH UNIT #54**

WELL NO./DESCRIPTION	TRACT/ACRES	TR. DESCRIPTION	COMP. DATE	
	LEASE NO.			
SW/4 31-24N-2W	Tr. 4/160 00 - SF-078910	SW/4	12/20/90	

Regulatory Agencies February 11, 1993 Page 2.

The economics for the non-commercial determinations are outlined on the attached DATA sheets for each well.

We would appreciate consideration of these non-commercial determinations as soon as possible. Please contact Van Goebel at (505) 326-9759 if there are any questions regarding this matter.

Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,

Kent Beers

Regional Land Manager

KOB:VLG:ll ID:EXPAN/3 Lindrith Unit, 4.5

# LINDRITH UNIT WORKING INTEREST OWNERS

Conoco, Inc.

Meridian Oil Inc.

Mobil Producing Texas & NM

**MW Petroleum Corporation** 

Form 3160-4 (November 1983)

12-26-90

(formerty 9-330)	DEPART	TUNITED OF	· · · · · · · · · · · · · · · · · · ·		struct	Expi	ires August 31, 1985
	BUF	REAU OF LAN	D MANAGEME	NT		SF	-078913
	MPLETION			REPORT A	ND LO	6. IF INDI	AN. ALLOTTEE OR TRIBS NAME
ia. TYPE OF WEI	" E1.	L WELL X	DHY 🗌	Other		7. UNIT AC	GREEMENT NAME
b. TYPE OF COM	WORK DEE	e nvek X	DIFF. X	Other		Lind S. FARM O	rith Unit
2. NAME OF OPERA						Lind	rith Unit
El Paso :	Natural G	as Compan	У			15	
	289, Farm	-					AND POOL, OR WILDCAT
4. LOCATION OF WE	ILL (Report locatio			y State requiren	nenta)*		in Fruitland Coal
At top pend in	terval reported bel		, 1650'E			OR AR	
	tervar reported bei	<b>0₩</b>				Sec.	16,T-24-N,R-3-W
At total depth			14. PERMIT NO.		TE ISSUED	NMP	
			30-039-0		IL ISSUED		Arriba NM
15. DATE SPUDDED	16. DATE T.D. RI	ì	COMPL. (Ready to	prod.) 18. 1		F. RKB. RT. GR. ETC.)	
	4-5-57		-3-90	ŧ	5994 'GR		
3215 T		1. back t.d., md 4 1 135 †	22. IF MUL. HOW M	TIPLE COMPL	23. INTE	RVALS ROTARY T	CABLE TOOLS
Fruitlan		(2991-		AD AND TVD}*			25. WAS DIRECTIONAL SURVEY MADE NO
GR-CNL-C		UN					27. WAS WELL CORED
2.9.			NG RECORD (Rep		et in well)		
9 5/8"	25.4#	77. DEPTH SET 121'	HO!	LE SIZE		ENTING RECORD	AMOUNT PULLED
5 1/2"	15.5#	3205			100 sx 150 sx		
,							
		1					
29.		LINER RECORD			30.	TUBING RE	<del></del>
5126	TOP (MD)	BOTTOM (MD)	SACKE CEMENT®	SCREEN (MD)	2 3/	3062 T	(MD) PACKER SST (MD)
	İ						
2991-921	, 3021-23		31	32.			ENT SQUEEZE, ETC.
	, 3046-48			2991-3			70 sand; 46,230#
	•	•		2331-	3123		nd and foam.
		· - · · · · · · · · · · · · · · · · · ·					
ATE FIRET PRODUCT	TON PRODU	CTION METHOD (FI		OUCTION	d type of pun	(p)   WE	LL STATUS (Producing or
shut in,	capable o	of commer	cial hvdr	ocarbon	produc		hut-in)
OATE OF TRET	HOURS TESTED	CHOKE 4128	PROD'N. FOR	011.—88L.	GAS—M		BEC. GAS-OIL RATIO
SI 292	SI 292	CALCULATED 24-HOUR RATE	ott.—88t.	GAS-M	CF.	WATER—HBL.	OIL GRAVITY-API (CORE.)
4. DISPOSITION OF G	AE (Sold, used for	fuel, vented, etc.)	*		<u> </u>	TEST WITH	TE CERSEN
to be so.			ВН	P @ 3060	324		
none	Ments						
I barate appeter	MARKET	- and assault 1-1		1-			

nm-4704

Form 3160---(November 1983) (formerty 9-330)

# UNITED STATES

SUBMIT IN DUPLICATE.

Form approved.

Budget Buresu No. 1004—0137
Expires August 31, 1985

EPARTMENT	OF	THE	INTERIOR
RUPEAU OF I	ΔND	MANAG	FUENT

(Securitee in-

reverse side) ( . LEASE DESIGNATION AND SERIAL NO.

		BUR	EAU OF LAN	ANAM OF	SEMEN	TI.		1000	e sinci	SF-078	912		
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b. TYPE OF COM	PLETION		wet.t.	OR1	ر نا ر	Other							
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WELL	TOR		nack C	AN RESVE	. 4	Other				Lindrit			
El Paso N		al Ca	s Co							9. WELL NO.	.11 0111	, C	
3. ADDRESS OF OPE		11 Ga								24			
		Farm	ington,	NM 87	499					10. PIELD AND	POOL OR	WILDCAT	
4. LOCATION OF WE			-			state requ	LIFEMER	£4)*		Basin	rui + 1	land Coa	
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At top prod. in	terval rep	orted bel	0 <b>W</b>							Sec.11	, T-24	4-N,R-3-	
At total depth									_	NMPM			
_				14. PER			DATE	IBBUED		12. COUNTY OR 13. STATE			
				30-03	39-59	5597	}			Rio Ar	riba	N <b>M</b>	
15. DATE SPUDDED			ACHED   17. DAT		Ready to	prod.)	IS. ELE	VATIONS (D	F, RKB.	RT, GR, ETC.)*	19. ELEV.	CARIMORRAD	
-12-58	5-2		,	-10-90		1	70	51 <b>'</b>					
20. TOTAL DEFTH. MD	A TYD		, BACK T.D., MD &	TYB   22.	IF WELL	TIPLE COMP		23. INTE	ERVALS	ROTARY TOOL	.8 (	CABLE TOOLS	
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ruitland	Coal	(3158	3-3254')									no	
6. TTPE ELECTRIC	AND OTHE	R LOGA R	I'N							<del></del>	27. WAR T	VELL COLED	
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3 1/2							}	.JU 5A					
							}						
29.			LINER RECORD	<del></del>				30.		TUBING RECO	RD		
eizz	TOP ()	<del></del>	BOTTOM (MD)	SACKE CE	MENT"	SCREEN	(MD)	3125		DEPTH SET (M		CESS SET (MD	
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SI vacuum	SI	vacuu		-		}		1					
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to be sold	£		BHP @	3200	10	67			-	<b>-</b>			
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SIGNED	144	\IU	upell	<b>∡</b> ∠ TII	TE T	-yuzai	y			DATE	:		

Form 3160-4 (November 1983) (formerty 9-330)

UNITED STATES

SUBMIT IN DUPLICATE.

Form approved.
Budget Buress No. 1004-0137
Expires August 31, 1985

11111-416-1

# DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See other in-(everse sitte)

5. LEASE DESIGNATION AND SERIAL NO. SF-078908

PLETION (						9	
	OR RECON	APLETION	REPORT	AN	D LOG	6. IF INDIAN.	ALLOTTES OR TRISS NAME
	WELL X	DRY	Other			7. UNIT AGRE	BMAN THEMS
ETION:						Lindrit	ch Unit
AUM DEEL-	nvek []	PIFF. 🔀	Other			S. FARM OR L	EASE FAME
						Lindri	th Unit NP
tural Gas	s Company	Υ				9. WELL NO.	
TOB						27	
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pable of	COMMETC: CHOER SIZE CHICULATED 24-HOUR RATE Ted, vented, stc.)	riouing, gas lift ial hydr riours. FOR TEST PRESIDE	ocarbo	r pro	GAS-MCF	N p WATER—PRI	OIL GRAVIET-APE (CORE.)
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pable of HOURS TESTED  CASING PRESCRE SI 18 GEOIG, WOOD for f	CALCULATED 24-BOOR RATE BHP @	ial hydr   PROD'N. FOR TEST PERSO   OIL-BEL.   3200'	ocarbon	pro	GAM-NCF.	NATER—HEL	OIL GRAVIET-APE (CORE.)
	(Report location val reported belo  16. DATE T.D. RE. 6-14-58  TYD   21. PLUG. 32  DATE (319)  OTHER LOGS RE  WEIGHT, LE./F  24.0#  15.5#	(Report location clearly and in a val reported below  16. Date T.D. Reached   17. Date 6-14-58   12  170   21. Plug. Back T.D., MD a 3270   21. Plug. Back T.D., MD a	(Report location clearly and in accordance with 999  val reported below    14. PERMIT   30-039	(Report location clearly and in accordance with any State reg 990 °S, 99	14. PERMIT NO.   DATE   30-039-   15. ELECT   30-039-	14.   PERMIT NO.   DATE ISSUED   30-039-	Basin   11. Sec. 7.

71M-47/6

Form 3160-4 (November 1983) (formerty 9-330)

SIGNED

# UNITED STATES

SUBMIT IN DUPLICATE.

Form approved.
Budget Bureau No. 1004-Expires August 31, 1985

# DEPARTMENT OF THE INTERIOR

(Secother in-

	BU	REAU OF LAN	ID MANAGEMEN	NT.	; cverse si	SF-0789	910
		OR RECO	MPLETION R	EPORT AN	D LOG*	d. IF INDIAN.	ALLOTTES OR TRIBS NAM
a. TYPE OF WEI	WEI	LL L WELL 2	K DRY	Other		7. UNIT AGES	ith Unit
b. TYPE OF COM	WORK TOER	T BICK X	DIFF. X	0.4		S. FARM UR	
WELL L	TOR L EN	BICK X	LI CENTR.	Other			ith Unit
Paso Na	tural Gas	Company				9. WELL NO. 54	
	289, Farm		NM 87499			10. FIELD AN	D POOL OR WILDCAR
	KIL (Report locatu	on cicarly and in	accordance with an	diale requireme	nte)*	Basin	Fruitland Co
At surface	1500'S,	1550'W				II. MEC., T., OR AREA	R., M., OR BLOCK AND SUBT
At top prod. in	iterval reported be	How				Sec.31	T-24-N, R-2-
At total depth						NMPM	
			14. PERMIT NO.	DAT	E (850ED	12. COUNTY	
			30-039-			Rio	NM.
5. DATE SPUDDED - 19-64		1 .	2-20-90		L74 GL	IKB, ST, GR, STC.)*	19. ELEV. CASIMERRAD
-19-64 0. TOTAL DEPTH, MD	4 TVO 21. PLU	JG. BACK T.D., MD A	170   22. IF MUT.	TIPLE COMPL.,	23. INTERT		LE CARLE TOOLS
178'		040	P. BOTTOM, NAME ()	48 . 48 . 55		yes	1 08
	Coal (296		P, BUTTUM, NAME ()	AD AND 140,-			25. WAS STREETSON. SURVEY MASS
6. TIPE ELECTRIC	AND OTHER LOGS	RUN					27. WAS WELL CORES
MD						i	no
<b>9</b> .							
	WEIGHT, LA.		ING RECORD (Res			TING RECORD	A MORTE STITLE
CABING SIZE	24.0	/FT. DEPTH BI	ET (MD) HO	LE SIZE		TING RECORD	AMOUNT PULLS
· · · · · · · · · · · · · · · · · · ·		# 105	T 12	LE SIZE	CEMEN	TING RECORD	AMOUNT PULLS
CABING SIZE	24.0	# 105	1 12 .	L/4"	120 sx	TING RECORD	AMOUNT PULLS
CABING SIZE  3 5/8"  2 7/8"	24.0	# 105 # 3178	ET (MB) (10 12 12 16 16 16 16 16 16 16 16 16 16 16 16 16	L/4"	120 SX 130 SX		
CABING SIZE  3 5/8" 2 7/8"	24.0	# 105 # 3178  LINER RECORD	1 12 6	1.4 size 1/4"	120 SX 130 SX	TUBING REC	ORD
CABING SIZE  3 5/8"  2 7/8"	24.0	# 105 # 3178	ET (MB) (10 12 12 16 16 16 16 16 16 16 16 16 16 16 16 16	L/4"	120 SX 130 SX	TUBING REC	ORD PACESS 687 (N
CABING SIZE  3 5/8" 2 7/8"  9.  aize	24.0 6.4	# 105 # 3178 LINER RECORD	1 12 6	LE SIZE L/4" L/4" SCRESN (MD)	30.    30.   1 1/4	TUBING REC	(M) PACESE COP (M)
CASING SIZE  3 5/8" 2 7/8"  9.  4128	24.0: 6.4: TOP (MD)	# 105 # 3178  LINER RECORD BOTTOM (MD)	1 12 6	1.E SIZE 1 / 4 TT 1 / 4 TT 1 / 4 TT 2 SCREEN (MD) 2 SCREEN (MD)	30.     3128     1 1/4"	TUBING RECORD OF THE STATE OF T	ORD HD) PACES SST (N
CASING SIZE  3 5/8" 2 7/8"  9.  4128	24.0: 6.4: TOP (MD)	# 105 # 3178  LINER RECORD BOTTOM (MD)	1 12 6 -	SCREEN (MD)	30.   312f   1 1/4"  AGID, SHOT, F	TUBING RECORD OF THE SET (1) 3007	ORD HD) PACES 682 (N
CASING SIZE  3 5/8" 2 7/8"  9.  4128	24.0: 6.4: TOP (MD)	# 105 # 3178  LINER RECORD BOTTOM (MD)	1 12 6 -	1.E SIZE 1 / 4 TT 1 / 4 TT 1 / 4 TT 2 SCREEN (MD) 2 SCREEN (MD)	30.   312f   1 1/4"  AGID, SHOT, F	TUBING RECOMMENT AND ENTRY	ORD HD) PACES SST (N
CABING SIZE  3 5/8" 2 7/8"  2 7/8"  4128	24.0: 6.4: TOP (MD)	# 105 # 3178  LINER RECORD BOTTOM (MD)	1 12 6 -	SCREEN (MD)	30.   312f   1 1/4"  AGID, SHOT, F	TUBING RECOMMENT AND ENTRY	ORD HD) PACES SET (N
CABING SIZE  3 5/8" 2 7/8"  29.  4128  4128  2967-76',	24.0: 6.4: TOP (MD)	# 105 # 3178  LINER RECORD BOTTOM (MD)	TACKE CEMENT	1.2 aizs 1/4" 1/4" 3cress (MD) 22. DEPTH INTER 2967-29	30.   312f   1 1/4"  AGID, SHOT, F	TUBING RECOMMENT AND ENTRY	ORD  PACEE SET (NO.
CABING SIZE  3 5/8" 2 7/8"  9.  4128  11. FERFORATION BA  2967-76',	24.0: 6.4: TOP (MD)	# 105 # 3178  LINER RECORD BOTTOM (MD)	TACKE CEMENTS	SCREEN (MD)  12.  DEPTH INTER  2967-29	30.   30.   3128   1 1/4'   ACID. SHOT. F	TUBING RECORDER OF THE SET OF THE	ORD HD) PACES SET (N
CABING SIZE  3 5/8" 2 7/8"  9.  AIZE  1. PERFORATION BE  2967-76',  ATE FIRST PRODUC	24.0: 6.4: TOP (MD)  ECOED (Intervel, a) 2989-92	# 105 # 3178  LINER RECORD BOTTOM (Mp)  We and number)	PRO Flowing, gas lift, p	SCREEN (MD)  SCREEN (MD)  22.  DEFTE INTER  2967-29  DUCTION	30. 30. 3128 1. 1/4' ACID. SHOT. F	TUBING RECORDER OF THE SET (1) 3007 CEMEN ANGUNT AND EL	ORD  MD) FACESE SET (N  IT SQUEEZE, ETC  HD OF MATHEMAL DESS-
CASING SIZE  3 5/8" 2 7/8"  9.  81ZE  1. PERFORATION BE  2967-76',  ATS FIRST PRODUC	24.0: 6.4: TOP (MD)  ECOED (Intervel, a) 2989-92	# 105 # 3178  LINER RECORD : BOTTOM (MD)  WE and number)	PRO Flowing, gas lift, g	SCREEN (MD)  SCREEN (MD)  22.  DEFTE INTER  2967-29  DUCTION	30. 30. 3128 1. 1/4' ACID. SHOT. F	TUBING RECOMPT SET (1) 3007 TO AMOUNT AND ELEMENT AND	ORD  IT SQUEERS ENT (NO. 1970)  IT SQUEERS ENT.  IND OF MATHEMAL DRIBER  STATUS (Producing or of the control of
CABING SIZE  3 5/8" 2 7/8"  3.  ATE FIRST PRODUCTION OF THEFT	TOP (MD)  COED (Intervel, a  2989-92'  Capable o	# 105 # 31/8 # 31/8 LINER RECORD : BOTTOM (MD)  MEE and number)  DICTION METROD ( CHOKE SIZE  CROKE SIZE	PRO Flowing, gas lift, g ial hydro TEST PERIOD OIL—BEL	SCREEN (MD)  SCREEN (MD)  SZ.  DEPTH INTER  2967-29  DUCTION  EMPING—SUS SEC	30. 30. SIZE 1. 1/4' ACID. SHOT. F VAL (MD) 992'  1 type of pump	TUBING RECOMPT SET (1) 3007 TO AMOUNT AND ELEMENT AND	ORD  YD) PACESE SET (M  IT SQUEEEE, ETC  RD OF MATSELL COMP-  RE-ARTUR (Producing or of the comp-  UAS-615 RATIO
CABING SIZE  3 5/8" 2 7/8"  9.  AIZE  1. PERFORATION BE  2967-76',  ATE FIRST PRODUCTION, 6	TOP (MD)  COED (Intervel, a  2989-92'  Capable o	# 105 # 3178 # 3178  LINER RECORD : BOTTOM (Mp)  Mee and number)  MICTION METROD ( CHOKE SIZE	PRO Flowing, gas lift, g ial hydro TEST PERIOD OIL—BEL	SCREEN (MD)  3CREEN (MD)  3CREEN (MD)  22.  DEPTH INTER  2967-29  DUCTION  Carbon processes.	30. 30. SIZE 1. 1/4' ACID. SHOT. F VAL (MD) 992'  1 type of pump	TUBING REC  DEPTH SET ()  300/  RACTURE, CEMEN  AMOUNT AND EI  WELL  AND  WATER—SI	ORD  YD) PACESE SET (M  IT SQUEEEE, ETC  RD OF MATSELL COMP-  RE-ARTUR (Producing or of the comp-  UAS-615 RATIO
CASING SIZE  3 5/8" 2 7/8"  9.  AIZE  1. PERFORATION SI  2967-76",  ATE FIRST PRODUCTION OF THEF  LOW. TURING PRIME  SI 0  4. DIRPORITION OF	TOP (MD)  TOP (MD)  ECOED (Interest, a 2989-92'  TION PROS Capable O HOURS TESTED  CASING PRESECTION SI O  PAS (Sold, used for	# 105 # 3178 # 3178  LINER RECORD BOTTOM (Mp)  MEE and number)  CHOKE SIZE  CHOKE SIZE  CALCULATED 24-ROOR RA	PRO Flowing, gas lift, g  Cial hydro  TEST PERSO  OIL—BEL	SCREEN (MD)  SCREEN (MD)  SZ.  DEPTH INTER  2967-29  DUCTION  TEMPLE SIL.  GAB—MC	30. 30. SIZE 1. 1/4' ACID. SHOT. F VAL (MD) 992'  1 type of pump	TUBING REC  DEPTH SET ()  300/  RACTURE, CEMEN  AMOUNT AND EI  WELL  AND  WATER—SI	ORD  IT SQUEER SET (N  IT SQUE
CASING SIZE  3 5/8" 2 7/8"  9.  AIZE  1. FERFORATION SI  2967-76",  ATE FIRST PRODUCTION OF TEST  LOW. TURNS PRESS.  SI 0	TOP (MD)  TOP (MD)  ECOED (Interest, a 2989-92'  TION PROD CADABLE O HOURS TESTED  SI O  CAS (Sold, used fold)	# 105 # 3178 # 3178  LINER RECORD BOTTOM (Mp)  MEE and number)  CHOKE SIZE  CHOKE SIZE  CALCULATED 24-ROOR RA	PRO Flowing, gas lift, g cial hydro TEST PERIOD  OIL—BEL	SCREEN (MD)  3CREEN (MD)  3CREEN (MD)  22.  DEPTH INTER  2967-29  DUCTION  Carbon processes.	30. 30. SIZE 1. 1/4' ACID. SHOT. F VAL (MD) 992'  1 type of pump	TUBING RECOMENT AND EIGHT AMOUNT AND EIGHT AND	ORD  IT SQUEER, ETC.  IT SQUEER, ETC.  IND OF MATHRIL BRIDGE  STATUS (Producing or set-dan)  UAS-615 EATED  OIL GRAVITP-APE (COMM

tag and attached information is complete and correct as determined from all available records Regulatory Affairs

# MORNING REPORT

MO-0163 (3-86)

REPORT DATE 12-3-50
SPUD DATE

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### MORNING REPORT

EPORT DATE	12-	2_	50	
DUDDATE				

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FORMATIO Gas: BGG_ REMARKS: HRS.	N: 5h	ACTIVI	Sonn G25	d	Ls _ Trip Gas		Flowin	Oolo		Oth	ner _Flare	
FORMATIO Gas: BGG_ REMARKS:	N: Sh	С АСПVI	onn Gas_	d	Ls _ Trip Gas	ア・ナ・	Flowin	Oolo	, ke	Oth	ner _Flare	
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FORMATIO  Gas: BGG  REMARKS:  HRS.  FAM  FM  FM  FM  FM  FM  FM  FM  FM  F	N: Sh	ACTIVITY OF ETCH	onn Gas_	well	Trip Gas	7. J. (60) T. J. (1) L.	Flowing South	Dolo	, ke	Oth	ner _Flare	14 13/15/15/15/15/15/15/15/15/15/15/15/15/15/
FORMATIO  Gas: BGG  REMARKS:  HRS.  AM  AM  AM  AM  AM  AM  AM  AM  AM  A	N: Sh	ACTIVITY OF ETCH	onn Gas_	Well  No  Packer  See 11  2 02  10 00	Trip Gas	7. J.	Flowing South	Dolo	, ke	Oth	ner _Flare	14 13/15/15/15/15/15/15/15/15/15/15/15/15/15/
FORMATIO  Gas: BGG  REMARKS:  HRS.  AM  AM  AM  AM  AM  AM  AM  AM  AM  A	19m.	ACTIVITY OF ETCH	onn Gas_	Well  No  Packer  See 11  2 02  10 00	Trip Gas	7. J.	Flowing South	Dolo	, ke	Oth	ner _Flare	14 13/15/15/15/15/15/15/15/15/15/15/15/15/15/
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FORMATIO  Gas: BGG  REMARKS:  HRS.  FM-  TM-  TM-  TM-  TM-  TM-  TM-  TM-	19m.	ACTIVITY OF ETCH	Sonn Gas_ TY low noiny Me node note note note note note note note not	Well  No  Packer  See 11  2 02  10 00	Trip Gas	7. J.	Flowing South	Dolo	, ke	Oth	ner _Flare	14 13/15/15/15/15/15/15/15/15/15/15/15/15/15/
FORMATIO  Gas: BGG  REMARKS:  HRS.  FM-  TM-  TM-  TM-  TM-  TM-  TM-  TM-	19m.	ACTIVITY OF ETCH	Sonn Gas_ TY low noiny Me node note note note note note note note not	Well  No  Packer  Ben  25 S  11  202  11  202  11  202  11  202  11  202  11  202  11  202	Trip Gas	7. J.	Flowing South	Dolo	, ke	Oth	ner _Flare	14 13/15 15/18
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#### **MORNING REPORT**

REPORT DATE 12 - 1 - 90	_
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DEPTH PTT					_									
DEPTH: PTT 3/35 at 6:000 a.m. report time: made	LASTIOG	DEPTH		- 10p =1	-		CONTRACTO	OR Dre	he .	$\overline{\mathcal{R}}_{i,j}$	2/		JIII 21	
Operations a report time  ### MID: Weight: ## / gal. Visc   Sec.   W.L.   cc's   H.T.W.L.   cc's   F.C.   /52" pH    ### MID: Weight: ## / gal. Visc   Sec.   W.L.   cc's   H.T.W.L.   cc's   F.C.   /52" pH    ### Moli   ## Solids    ### Solids   Sand   ## Plastic Visc   Yd. Pt   Gel Strength    ### Solids    ### Solids   Sand   ## Plastic Visc   Yd. Pt   Gel Strength    ### Solids   Gel Strength    ### Solids   Sand   ## Solids    ### Mid Weight on bit: rotating:   tpm:   hours this date   cum. hours this be    ### Pump						_				•				
Operation at report time  ### MID: Weight  ## / gal. Visic  Sec.  W.L.	DEPTH: _	77			3/3	2r 6:	00 a.m. report	time: made_					feet of h	ole last 24 hour
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Sand % Plastic Visc. Yd. Pt. Gel Strength.  DEVIATION:  Drilling with: M#Weight on but: rotating: rpm: hours this date cum. hours this be cum. hou														
DEVIATION:  Drilling with:  M # Weight on but: rotating:  Type  "X														
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Pore Pres.  Frac. Grad at Csg Shoe  Frac. Grad at Depth  BIT NO.  SIZE  MAKE  TYPE  NOZZLES  32"  IN  OUT  AGE  RATE  T  B  G  REAMER  CUTTER NO.  DEPTH  FOOT.  HRS.  CONDITION  CONDITION  CONDITION  REMARKS  Daily Mud \$  Cum Well \$7/, 42/														
BIT NO. SIZE MAKE TYPE NOZZLES IN OUT AGE RATE T B G MARK  REAMER CUTTER NO. DEPTH FOOT. PEN BIT CONDITION GRADIN  REAMER CUTTER NO. DEPTH FOOT. REMARKS  Daily Mud \$ Cum Mud \$ Daily Well \$3.2 \( \frac{1}{2} \) Cum Well \$\frac{7}{2} \) Cum Well \$\frac{7}{2} \) FORMATION: Sh Sd Ls Dolo Other Gas: BGG Conn Gas Trip Gas Flowing Line Temp Flare  REMARKS:  HRS. ACTIVITY  Sh. 20 Jan 2											-			•
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REAMER CUTTER SIZE MAKE TYPE  DEPTH FOOT- IN OUT AGE RATE T B G MAKE  NO.  Daily Mud \$	DIT					IF IET	r	EDTU		500/F		PIT CO	NDITIO	N CR A DING
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CUTTER SIZE MAKE TYPE  IN OUT AGE  REMARKS  Daily Mud \$ Cum Mud \$ Daily Well \$ 2 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	NO.					32"	IN	C	DUT	AGE	RATE	T.	B	G MARK
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Daily Mud \$ Cum Mud \$ Daily Well \$ \frac{32}{4}  Cum Well \$ \frac{7}{2}  \frac{42}{4}  \frac{1}{2}   \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac{1}{2}		1		1	_		DEF	тн	FOOT-			CON	DITION	
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FORMATION: Sh Sd Is Dolo Other				<del> </del>					<del> </del>					
FORMATION: Sh Sd Is Dolo Other  Gas: BGG Conn Gas Trip Gas Flowing Line Temp Flare  REMARKS:  HRS. ACTIVITY  Shy-2 Pm Flow Well 70 p. T on 1/8 Choke Propagate 266  PFF droppenty To 200 Alf returning No a few Manual To 500 Alf returni				т			1	L	40	111			7/	<del>. ,</del>
Gas: BGG Conn Gas Trip Gas Flowing Line Temp Flare  REMARKS:  HRS. ACTIVITY  Show John J. Part John J. John J. Choke - Proportion No. of Show John John J. John J. John J.	Daily Mud													
HRS. ACTIVITY  Son-2 Pm Flow well To p. T on 1/2 Choke. Propore 266  PST dropping To 200 All returning No of free  NO Sond of 200 Jels per Hr.  2pm-530pm Flow well To p. T on 1/2" Choke-Presence  Steady of 200 PST- returns No + toom at  300 gals per Honr.					Sd		Ls _			Dolo		Other	· <del></del>	<del></del>
ACTIVITY  Som 2 pm Flow well 70 p. T on 18 choke. Propore 260  PSF droppeny To 200 Alf returning No of feet  Are soul of 200 gets per Hr.  2pm-SisDem Flow well to p. T on 16" Choke-Pressure  Steady of 200 PST- returns No + toom at  300 gets per Hear.	FORMAT	ION: Sh		· ·	• C				tili-				iare	
Show Flow well To p. To on 18 Choke: Propore 266  Post dropping To 200 Alt returning No of few and of 200 gets par Hr.  2pm-530pm Flow well To so Ton 1/2" Choke-Propore of 200 Post- returns or 2 + toom at 300 gets per Honr.	FORMATI Gas: BGG	ION: Sh		Con	n Gas		_ Irip Gas		riowir	ng Line Temp		r		
Jem-Sidem Flow well to with the Hold-Prospers  Jeng of Dou Pet- returns No 4 tom at  300 gal & per Hony.	FORMATI Gas: BGG REMARK	ION: Sh		Con			_ I'rip Gas					r		
Jem-Sispen Flow well to story the Chope-Present  Jeach of 200 PST- returns No + toom at  300 gals per Honr.  Jett well flowing to pil	FORMATI Gas: BGG REMARK	ION: Sh		Con	r į		_ Trip Gas	- , , ,			sko			
Jenn-Sistem Flow well to p. Ton the Chape-Presence Steady of 200 Pt- returns No + toom at  300 get a pen Honr.  Lett well flowing to pit	FORMATI Gas: BGG REMARK	ION: Sh		Con	r į		2 p. 7	- ان 00			oke			
Jeft well flowing to pit	FORMATI Gas: BGG REMARK	ION: Sh		Con	r į		Trip Gas				ske			
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## **MORNING REPORT**

REPORT DATE 11-25-50	_
SPUD DATE	_

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#### **MORNING REPORT**

REPORT DATE 11-28.50
SPUD DATE

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# MORNING REPORT

MO-0183 (3-88)

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PLID DATE						

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Sand		% Pla	istic Visc		Yd. Pt		G	el Strength_			_/	
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#### 51101B MORNING REPORT MO-0163 (3-86)

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12/15/92 15:38:22.4 MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

DDR107NB-C PAGE: 1

T A Y T WELL NAME P U

OPERATOR E S MOI PART DP-NO

DIST: FARMINGTON

ST : NM CNTY: RIO ARRIBA

LINDRITH UNIT 24 MERIDIAN OIL IN

PROP TD :

PROSPECT: R S 100.00% 51201B

12-04-90 12-05-90

TD: 3,387 PBTD: 3,256 SPUD DATE: 5-13-58

UNIT: A SEC: 11 TWN: 024N RNG: 003W

LOCATION: 990' FNL 990' FEL

PROP FORM: FRUITLAND COAL

PROP FLD : BASIN FRUITLAND COA

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

AZTEC WELL SERVICE RIG #266 (RECOMPLETION)

DWC:\$7,145 CWC:\$7,145

MOL RU. SD FOR RIG REPAIR. PREP TO LD TBG, RUN SCRAPER, PREP TO LOG.

AFE-NO: N161 PROPERTY: 0-713011-02

ECC: \$ 7,145

12/15/92 15:38:22.4 MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
H I S T O R Y

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DDR107NB-C PAGE:

WELL NAME OPERATOR T
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P U
E S MOI PART

DP-NO

12-05-90 12-06-90

TD: 3,387 PBTD: 3,256

AZTEC WELL SERVICE RIG #266 (RECOMPLETION)

DWC:\$4,655 CWC:\$11,800

AFE-NO: N161 PROPERTY: 0-713011-02

ECC: \$ 11,800

12-06-90 12-07-90

TD: 3,387 PBTD: 3,256

AZTEC WELL SERVICE RIG #266 (RECOMPLETION)

DWC:\$1,765 CWC:\$13,565

TOOH W/TBG. TIH W/5 1/2' FULL BORE PKR. LOCATED CSG FAILURE @ 3216'. GOOD COND. RU SCHLULMBERGER. RAN CCL-GR-CNL. SET 5 1/2" CIBP @ 3256'. TOOH W/PKR. TIH W 5 1/2" RBP ON 2 3/8" TBG, SET BP @ 3130', SET 5 1/2 FULL BORE @ 18'. PRESS TEST, TEST FAILED. TOOH W/RBP. SLIPS DAMAGED. SDON.

AFE-NO: N161 PROPERTY: 0-713011-02

ECC: \$ 13,565

12/15/92 15:38:22.7

MERIDIAN OIL COMPANY DAILY DRILLING REPORT WORKING INTEREST WELLS

DDR107NB-C PAGE:

HISTORY

S T Α Y Ρ U

WELL NAME

OPERATOR

DP-NO E S MOI PART

12-07-90 12-10-90

TD: 3,387 PBTD: 3,256

AZTEC WELL SERVICE RIG #266 (RECOMPLETION)

DWC:\$19,620 CWC:\$40,435

12-7-90: TIH W/5 1/2' RBP S @ 3130'. PULL 90' TBG SET @ 3130'. PULL 90' TBG, SET 5 1/2" FULL BORE PKR @ 19'. R CSG TO 3000 PSI FOR 15 MIN OK. LD PKR, PU RBP & CONT IN HOLE W/2% KCL WTR. SPOT 135 GAL 15% HCL ACID @ 3248'. PULL TBG TO 3008'. SWAB DOWN TO 2750'. TOOH. RU SCHLUM-BERGER. PERF FC ZONE AS FOLLOWS. RAN 4" HEGS GUNS, 180 DEG PHASE 2 SPF .46" SHOT DIA SX-L 22.7 GRAM CHARGE FROM 3158-3254' 62' W/124 SHOTS. RD. WL. TIH W/5 1/2' SPIT TOOL, RU WESTERN, BD PERF W/630 GAL 15% HCL ACID. REL TOOL. SWAB WELL DOWN TO 1800 REC 43 BBL FL. WELL HAS NO GAS SHOW. SDON. LTR=54 BBL. 12-8-90: SICP 0. SITP 0. IFL @ 1000'. SWAB WELL DOWN TO 2000'. REC 87 BBL FL. UNABLE TO LOWER FL BELOW 2000'. REC 44 BBL OVER LOAD. SLIGHT GAS SHOW. TSTM. TOOH W/SPIT TOOL, CLOSE WELL IN & SDON. PREP TO LAND WELL. 12-9-90: SICP 0. TIH W/101 JTS 2 3/8' 4.7# J-55 EUE 8RD TBG. LAND WELL. TBG SET @ 3226.06' SN @ 3192.96'. ND BOP, RU TREE. RD & RELEASE RIG @ 11:00 AM 12-9-90. LOST SLIPS OFF OF SPIT TOOL.

AFE-NO: N161 PROPERTY: 0-713011-02

ECC: S 40,435

12/15/92 15:38:37.7 MERIDIAN OIL COMPANY DDR107NB-C DAILY DRILLING REPORT PAGE: WORKING INTEREST WELLS HISTORY

PAGE: 1

S Т Α Y P U

WELL NAME

DP-NO OPERATOR E S MOI PART OPERATOR

DIST: FARMINGTON

ST : NM CNTY: RIO ARRIBA

LINDRITH UNIT 54 MERIDIAN OIL IN

PROP TD :

R S 100.00% 50784B PROSPECT:

12-14-90 12-17-90

TD: 3,121 PBTD: 3,040 SPUD DATE: 5-19-64

UNIT: K SEC: 31 TWN: 024N RNG: 002W

LOCATION : 1500' FSL 1550' FWL

PROP FORM: FRUITLAND COAL

PROP FLD : BASIN FRUITLAND COA

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

DRAKE RIG #21 (RECOMPLETION)

DWC:\$8,126 CWC:\$17,365

12-14-90; MO & SPOT EQUIP ON LOC. ROADS VERY MUDDY. TOOK RU TRUCK 4 HR TO REACH LOC. (11 MILES). COULD NOT HAUL FLOATS IN. HAD TO BOB TAIL ALL EQUIP. UNABLE TO MOVE UNIT BECAUSE OF ROAD COND. WILL MOVE THIS AM ON VREEZE. CAT ON LOC. 12-15-90: ROAD UNIT TO LOC & RU. VERY MUDDY & SLICK. BREAK OFF SEP. RU BLEED OFF LINES. BLEED WELL OF TO PIT. RU HOWCO WL. RAN TMD (CSG LOG 3121-2500'). SET CIBP @ 3040'. INSTALL 5000 PSI VALVE & BLEED OFF LINES. WILL PT, PERF & BD TODAY. 12-16-90:WO BJ. ROADS SNOW PACKED & SLICK. RU BJ. HELD SAFETY MEETING PT 2 7/8" CSG TO 4000 PSI 15 MIN 0K. RU HOWCO WL & PERF 2 1/8' HSC GUN @ 2989-92' 3', 2967-76' 9' TOT 12' 4 SPF 48 HOLES. NU BOP'S. PU 2 7/8" PKR & 1 1/4" TBG. TIH. BD PERF'S. TOOH. 15 STDS. SDON. AFE-NO: N163 AFE COST: \$ 88,905 PROPERTY: 0-713011-04

ECC: \$ 17,365

12/15/92 15:38:37.8

MERIDIAN OIL COMPANY DAILY DRILLING REPORT WORKING INTEREST WELLS HISTORY

DDR107NB-C PAGE: 2

S T Α Y P U

WELL NAME

OPERATOR

DP-NO MOI PART E S

12-17-90 12-18-90

TD: 3,141 PBTD: 3,040 DRAKE RIG #21 (RECOMPLETION)

DWC: \$2,312 CWC: \$19,677

RIG SERVICE. TOOH W/PKR. LEFT PKR IN HOLE. BROKE OFF ON TOP COLLAR OF PKR. TIH. PUSH PKR TO BTM 3040' TOP @ 3035'. ND BOP, RU TO SWAB. SWAB TEST 8 RUNS. SMALL VACUUM AFTER EA RUN. 1ST 3 RUNS. FL @ 500'. RET'S @ 500'. RET'S 252 GAL/RUN. 3RD TO 8TH RUN FL @ 800'. RET'S 168 GAL/HR TOT REC 1,596 GAL. WILL SWAB TODAY-FRAC TOMORROW.

AFE-NO: N163 AFE COST: \$ 88,905 PROPERTY: 0-713011-04

ECC: \$ 19,677

12-18-90 12-19-90

TD: 3,141 PBTD: 3,040 DRAKE RIG #21 (RECOMPLETION)

DWC:\$11,701 CWC:\$31,378

SWAB TEST. 20 RUNS. FL @ 1000' STEADY. RET'S 168 GAL/RUN. WILL GO ON A VACUUM AFTER EA RUN. TOT REC 3360 GAL. TOTAL TO DATE 4956 GAL. RD SWAB EQUIP. NU BOP & PREP TO TIH W/TBG.

AFE-NO: N163 AFE COST: \$ 88,905 PROPERTY: 0-713011-04

ECC: \$ 31.378

12/15/92 15:38:37.9

MERIDIAN OIL COMPANY DAILY DRILLING REPORT WORKING INTEREST WELLS HISTORY

DDR107NB-C PAGE: 3

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WELL NAME

MOI PART E S DP-NO OPERATOR

12-19-90 12-20-90

TD: 3,141 PBTD: 3,040 DRAKE RIG #21 (RECOMPLETION)

DWC:\$13,557 CWC:\$44,935

RIG SERVICE. WORK ON BOP'S. WON'T OPEN-ICED UP. TIH W/1 1/4" TBG & LAND. RAN 95 JTS 1 1/4" IJ 2.33# J-55 SN 1.062 @ 1 JT UP. LANDED @ 3007'. SN @ 2975'. ND BOP'S. NU WH. RD. RIG RELEASED @ 2:30 PM. MOVE TO JICARILLA 123 C #25.

AFE-NO: N163 AFE COST: \$ 88,905 PROPERTY: 0-713011-04

ECC: \$ 44,935

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

DDR107NB-C PAGE: 1

S T

WELL NAME

OPERATOR E S MOI PART DP-NO

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DIST: FARMINGTON

ST : NM CNTY: RIO ARRIBA

LINDRITH UNIT NP 27 MERIDIAN OIL IN

PROP TD :

PROSPECT: R S 100.00% 51214B

12-03-90 12-04-90

TD: 3,390 PBTD: 3,270 SPUD DATE: 5-30-58

UNIT: M SEC: 08 TWN: 024N RNG: 002W

LOCATION: 990' FSL 990' FWL

PROP FORM: FRUITLAND COAL

PROP FLD : BASIN FRUITLAND COA

\*\*\*\*\*\*\* FIRST REPORT \*\*\*\*\*\*\*\*

DRAKE RIG #21 (RECOMPLETION)

DWC:\$3,692 CWC:\$3,692

MOL RU. BLEED WELL OFF. ND WH, NU BOP'S. PULL DONUT. TOOH W/1 1/4"

EUE 10 RD TBG. WILL LOG THIS AM. AFE-NO: N162 PROPERTY: 0-713011-03

ECC: \$ 3,692

DDR107NB-C PAGE: 2

HISTORY

S T  $\mathbf{T}$ Α Y P U

WELL NAME

MOI PART DP-NO OPERATOR E S

12-04-90 12-05-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$6,662 CWC: \$10,354

RU PETRO WL & RUN GR-CCL-CNL FROM 3300-2500'. SET CIBP @ 3270'. PT TO 500 PSI FOR 15 MIN, OK. RUN CBL FROM 3270-2600'. TOC2700'. PU 5 1/2" FULL BORE PKR. SET @ 60'. PRESS TEST W/BJ 3000 PSI FOR 15 MIN, OK. UNLOAD 2 3/8" TBG & STRAP. PREP TO PERF.

AFE-NO: N162 PROPERTY: 0-713011-03

ECC: \$ 10,354

12-05-90 12-06-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC: \$15,447 CWC: \$25,801

RU PETRO WL & PERF @ 3191-3248' TOT OF 28' & 56 HOLES. PU 5 1/2" SPIT TOOL & 2 3/8" TBG. TIH & BD PERF'SPER REPORT. UNALBE TO UNLOAD HOLE W/AIR-AIR COMPNAY COULD NOT GET COMP WORKING. TOOH W/5 1/2" SPIT TOOL PREP TO FRAC THIS AM.

\*\*\*\*\* \*\*\*\*\*\* CORRECTION

AFE-NO: N162 PROPERTY: 0-713011-03

25,801 ECC: S

12-06-90 12-07-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$44,568 CWC:\$70,369

RU BJ & FRAC PER/REPORT. SI & ALLOW GELS TO BREAK. FLOW WELL TO PIT ON 1/8" CHOKE. PRESS STEADY @ 600 PSI. RET N2 FOAM @ 6 BPH. SI. WILL OPEN BACK UP THIS AM.

AFE-NO: N162 PROPERTY: 0-713011-03

70,369 ECC: \$

MERIDIAN OIL COMPANY DAILY DRILLING REPORT WORKING INTEREST WELLS

PAGE: 3

DDR107NB-C

HISTORY

S T Α Y Τ Ρ U

WELL NAME

MOI PART OPERATOR E S

DP-NO

12-07-90 12-10-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$5,233 CWC:\$85,908

12-7-90: FLOW WELL TO PIT ON 1/8" CHOKE. RET N2 & FOAM. 600-400 PSI. FL RET RATE 600 GAL/HR. 4 HR. TOT 24,000 GAS. FLOW WELL TO PIT ON 1/4 INCH CHOKE. RET N2 FOAM, NO SAND. 400-240 PSI. RET RATE 600 GAL/HR. TOT 2100 GAL. REC TO DATE 5700 GAL. 12-8-90: FLOW W/30 PSI, 150 GAL PER HR. BLEED DOWN. TIH W/2 3/8' EXP CHECK & 2 3/8' TBG. TAG @ 3251' 19' FILL. CO 19' OF FILL. BLOW TO PIT W/562 MCF AIR. RET FOAM W/LIGHT BROKEN GEL, NO SAND. GAUGE WELL-TSTM-NO FLARE. TOOH. LD 2 3/8" WORK STRING. RU SCHLUMBERGER-ATTEMPT OT LOG-TD 3270', TAG @ 3234'. RD. PU 1 1/4" TBG. TIH. 12-8-90: FLOW W/30 PSI, 150 GAL/HR. BLEED DOWN. TIH W/2 3/8' EXP CHECK & 2 3/8" TBG. TAG @ 3251' 19' FILL. CO 19' FILL. BLOW TO PITW/562 MCF AIR. RET'S FOAM W/LIGHT BROKEN GEL, NO SD. GAUGE WELL. TSTM. NO FLARE. 12-9-90: FINISH PU. 1 1/4' 10 RD TBG-RABBIT-TAG @ 3223'. RU AIR COMP & BOOSTER. UNABLE TO GET BOOSTER GO-ING. SD FOR REPAIRS. TOOH. TALLY TBG. SDON.

AFE-NO: N162 PROPERTY: 0-713011-03

85,908 ECC: \$

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

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T A Y T P U

WELL NAME

OPERATOR E S MOI PART DP-NO

12-10-90 12-11-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$3,086 CWC:\$89,993

SERVICE RIG. RU 1 1/4' CHOKE & TIH W/1 1/4" TBG. TAG @ 3223'. CO 47' OF FILL. BLOW TO PIT W/562 MCF AIR. RET'S HEAVY MIST. NO SAND AFTER INITIAL SLUG. PULL ABOVE PER'S. GAUGE WELL. 1 HR PITOT GAUGE ON 1" LINE. 15, 30 MIN 1 0Z=40 MCF, 45, 60 MIN 1/2 0Z=20 MCF. TIH. TAG @ 3223'. ROTATE WITHOUT AIR. WOULD NOT GO. INJ 562 MCF AIR, WORK TO BTM 3270'. BLOW TO PIT W/SWEEPS, LITTLE SAND. PULL ABOVE PERF'S. TIH. TAG @ 3223'. TOOH W/1 1/4" TBG.

AFE-NO: N162 PROPERTY: 0-713011-03

ECC: \$ 89,993

12-11-90 12-12-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$3,233 CWC:\$92,226

RIG SERVICE. STRAP & PU 4 3/4" BIT, BIT SUB W/FLOAT & 2 3/8' TBG, TAG @ 3228'. UNLOAD HOLE W/AIR. BLOW TO PIT W/562 MCF AIR, WORK PIPE TO 3241' RET'S DIRTY WTR, NO SAND. RU SWIVEL. TRY TO BREAK CIRC W/WTR. PUMP 110 BBL, NO RET'S. PULL 1978'-UNLOAD W/AIR. TIH. TAG @ 3230'. BLOW TO PIT W/562 MCF AIR-WORK PIPE TO 3241'. RET'S DIRTY WTR, NO SAND. PULL TO 1978'. SDON.

AFE-NO: N162 PROPERTY: 0-713011-03

ECC: \$ 93,226

MERIDIAN OIL COMPANY
DAILY DRILLING REPORT
WORKING INTEREST WELLS
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DDR107NB-C PAGE: 5

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WELL NAME P
OPERATOR E

P U E S MOI PART DP-NO

12-12-90 12-13-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$3,710 CWC:\$95,936

RIG SERVICE. UNLOAD HOLE W/AIR @ 1978'. TIH. TAG @ 3228'. BLOW TO PIT W/562 MCF AIR & WORK PIPE TO 3270' PBTD. BLOW WELL ON BTM W/562 MCF AIR & 3 BBL WTR FOAM SWEEPS. RET'S FINE SAND & DIRTY WTR. SAND DEC TO ZERO. EST 150 GALLON/HR WTR. PULL ABOVE PEF'S & GAUGE WELL. 1 HR PITOT ON 1" LINE 1 OZ=40 MCF. TIH. NO FILL. TOOH LD 2 3/8' WORK STRING.

AFE-NO: N162 PROPERTY: 0-713011-03

ECC: \$ 95,936

12-13-90 12-14-90

TD: 3,270

DRAKE RIG #21 (RECOMPLETION)

DWC:\$4,319

CWC:\$100,255

RIG SERVICE. RU SCHLUMBERGER. RAN AFTER FRAC LOG 3270-3000'. TIH PIT W1 1/4" TBG & LAND. NC BOP. NU WH. GAUGE 40 MCF. RAN 100 JTS EUE 10 RD 2.4# J-55 TAB W/1.062 ID SN @ 3212' TAG @ 3243'. RIG RELEASED @ 6:00 AM. WILL MOVE TO LINDRITH UNIT #54.

AFE-NO: N162 PROPERTY: 0-713011-03

ECC: \$ 100,255