

# MERIDIAN OIL

OIL CONSERVATION DIVISION  
RECEIVED

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January 10, 1994

## Federal Express

Mr. William LeMay  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Re: Thompson C #6  
1650'FSL, 990'FEL  
Section 10, T-27-N, R-12-W, San Juan County, NM

Dear Mr. LeMay:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal Pool.

Meridian Oil Inc. intends to complete the Thompson C #6 in the Basin Fruitland Coal pool and commingle with the existing Pictured Cliffs. This well is considered non-standard due to the NE-SW dedicated pattern established for the Basin Fruitland Coal pool. Application is being made to the New Mexico Oil Conservation Division for commingling. To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this non-standard location:

1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators;
3. Affidavit of notification of offset owners/operators;
4. Copy of Well Completion Log for original completion.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Bradfield  
Regulatory/Compliance Representative

## WAIVER

\_\_\_\_\_ hereby waives objection to Meridian Oil Inc.'s application for non-standard location for the Thompson C #6 as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

xc: Amoco Production  
Louis Drefus Natural Gas Corp.

Submit to Assessor's  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-182  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Denver CO, Arama, NM 88210

DISTRICT III  
1000 Rio Arriba St., Aztec, NM 87430

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Thompson C		Well No. 6
Unit/Letter I	Section 10	Township 27 North	Range 12 West	County San Juan
NEPM				
Actual Foreign Location of Well: 1650 feet from the South line and 990 feet from the East line				
Ground level Elev. 5912'	Producing Formation Fruitland Coal/Pic. Cliffs		Pool Basin/W. Kutz	Dedicated Acreage 320.22/160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communication, unification, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation communitization agreement will be obtained  
If answer is "no" list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  
No allowable will be assigned to the well until all interests have been consolidated (by communication, unification, force-pooling, or otherwise) or until a non-qualified unit, eliminating such interest, has been approved by the Division.

Standard 690 acre Sect.

\*Not resurveyed, prepared from a plat dated 2-13-52 by Charles J. Finklea.

Meridian Oil Inc.  
Thompson "C" Well No. 4  
990' ENE EL  
Spud: 7/13/81  
W. Kutz P.O. Completion  
Prod'd: 1988

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
Peggy Bradfield

Printed Name  
Regulatory Representative

Company  
Meridian Oil Inc.

Date  
12-30-93

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 1-3-94

Date Surveyed  
C. Edwards  
Signature  
Professional Surveyor  
8857

Meridian Oil Inc.  
Carter Com Well  
No. 1E  
1120' EEL - 850' EEL  
Spud: 2/7/81  
Basin Dakota Comp

1650'

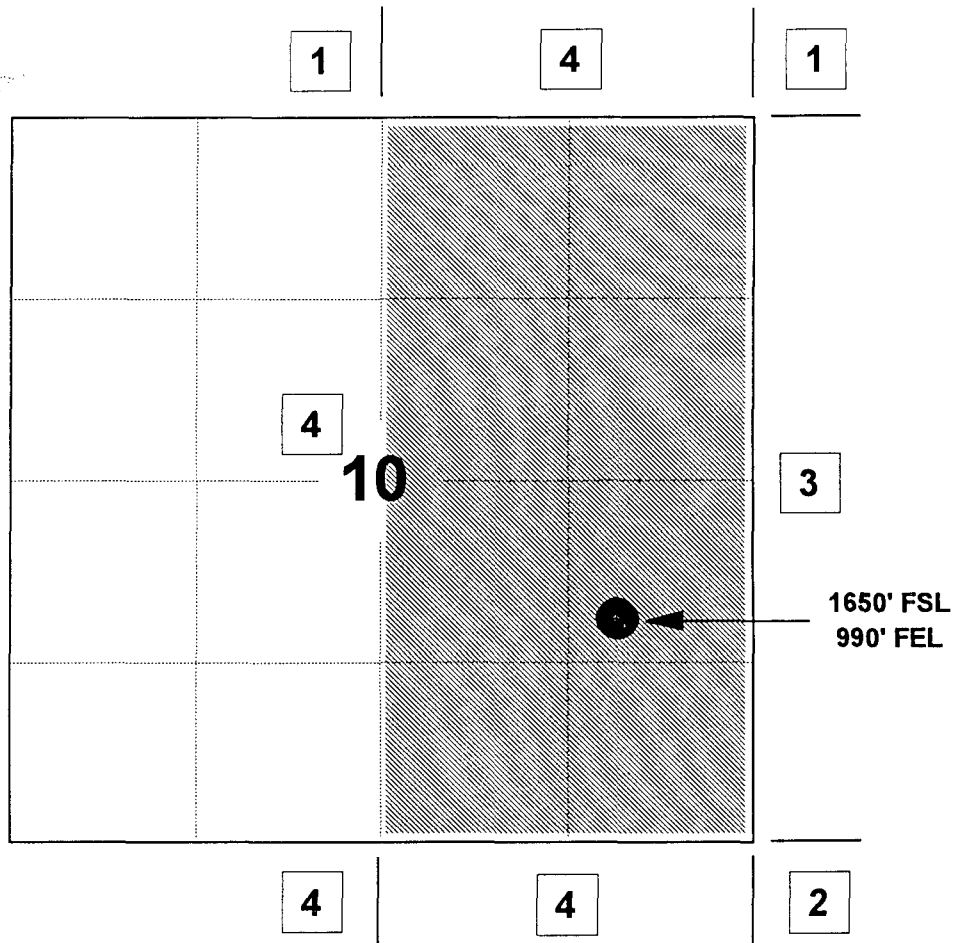
# MERIDIAN OIL INC

## THOMPSON C #6

OFFSET OPERATOR \ OWNER PLAT

Fruitland Coal Unorthodox Well Location

Township 27 North, Range 12 West



1) Meridian Oil Inc

2) Amoco Production Company

PO Box 800, Denver, CO 80201

3) Louis Drefus Natural Gas Corp

1400 Quail Springs Pkwy, Ste 1400, Oklahoma City, OK 73134

4) Meridian Oil Inc &

Louis Dreyfus Natural Gas Corp

January 10, 1994

Thompson C #6  
1650'FSL, 990'FEL  
Section 10, T-27-N, R-12-W  
San Juan County, New Mexico

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard location of the above well.

Amoco Production  
PO Box 800  
Denver, CO 80202

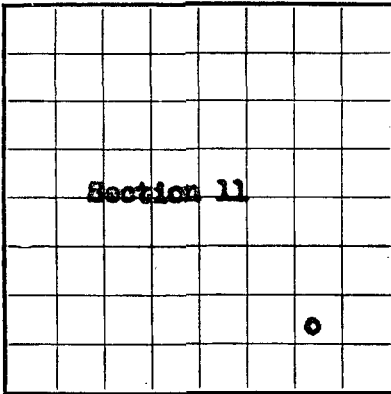
Louis Drefus Natural Gas Corp  
1400 Quail Springs Parkway, Suite 1400  
Oklahoma City, OK 73134

A handwritten signature in cursive script, appearing to read "Peggy Bradfield", written over a horizontal line.

Peggy Bradfield  
Notary Public  
San Juan County, New Mexico

My commission expires August 17, 1996.

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER ST 080724  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



## LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building, Dallas 1, Texas  
 Lessor or Tract Zachry Field Astos Pictured Cliffs New Mexico  
 Well No. 5 Sec. 11 T28-N R. 10-W Meridian N.M.P.M. County San Juan  
 Location 1040 ft. N. of S. Line and 990 ft. E. of E. Line of Section 11 Elevation 5655'  
 (Ex) (W.) (Derrick floor relative to sea level)

The information given herewith is a complete and correct recollection of the work and all work done thereon so far as can be determined from all available records.

Signed

Date May 17, 1955

**A. M. Wiederkehr**  
 Title ~~Manager, Exploration Department~~

The summary on this page is for the condition of the well at above date.

Commenced drilling April 9, 1955 Finished drilling April 18, 1955

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 1853 to 1933 (G)      No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_      No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	161	150 sacks	Halliburton		
5 1/2"	1899'	200 sacks	Halliburton		
1"	1890'				

## PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Denth set. -----

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand fractured from 1853 to 1933 with 12,600 gallons of oil and 13,200 sand.						

## TOOLS USED

Rotary tools were used from ~~-0-~~ feet to ~~1860~~ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from ~~1860~~ feet to ~~1933~~ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

~~April 19~~ \_\_\_\_\_, 19 ~~55~~ Put to producing \_\_\_\_\_, 19 \_\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours ~~3362.98~~ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. ~~664/9 days~~

## EMPLOYEES

~~Ben Banner Drilling Company~~, Driller

~~McKinney Drilling Company~~, Driller

~~J. L. Copleland~~, Driller

~~Clay Cade~~, Driller

~~J. A. Brown~~

## FORMATION RECORD

~~Bill Nail~~

FROM—	TO—	TOTAL FEET	FORMATION
<del>-0-</del>	<del>173</del>	<del>173</del>	<del>Sand, Rock and Shale</del>
<del>173</del>	<del>223</del>	<del>50</del>	<del>Sand, Shale and Cement</del>
<del>223</del>	<del>1167</del>	<del>944</del>	<del>Sand and Shale</del>
<del>1167</del>	<del>1860</del>	<del>693</del>	<del>Shale, Sand and Coal</del>
<del>1860</del>	<del>1874</del>	<del>14</del>	<del>Sand</del>
<del>1874</del>	<del>1881</del>	<del>7</del>	<del>Soft Sand</del>
<del>1881</del>	<del>1909</del>	<del>18</del>	<del>Hard Sand</del>
<del>1909</del>	<del>1916</del>	<del>7</del>	<del>Soft Sand</del>
<del>1916</del>	<del>1933</del>	<del>17</del>	<del>Sand and Shale</del>
TOPS:	Pictured Cliffs Lewis	1853 1933	
FROM—	TO—	LODGE FEET [OVER]	FORMATION

FORMATION RECORD—Continued

# MERIDIAN OIL

January 10, 1994

## Federal Express

Mr. William LeMay  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

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Peggy Bradfield  
Regulatory/Compliance Representative

## WAIVER

Louis Dreyfus Natural Gas Corp. hereby waives objection to Meridian Oil Inc.'s application for non-standard location for the Thompson C #6 as proposed above.

By:  Date: 2/9/94  
John B. Lennon, Manager of Joint Operations  
xc: Amoco Production  
Louis Dreyfus Natural Gas Corp.