

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

September 30, 1994

KELLAHIN AND KELLAHIN  
Attorneys at Law  
P. O. Drawer 2265  
Santa Fe, New Mexico 87504

RE: CASE NO. 11039  
ORDER NO. R-10209

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Sincerely,

*Sally E. Martinez*  
Sally E. Martinez  
Administrative Secretary

cc: BLM - Farmington  
OCD - Aztec

**STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:**

**CASE NO. 11039  
Order No. R-10209**

**APPLICATION OF MERIDIAN OIL INC.  
FOR DOWNHOLE COMMINGLING AND AN  
UNORTHODOX COAL GAS WELL LOCATION,  
SAN JUAN COUNTY, NEW MEXICO.**

**ORDER OF THE DIVISION**

**BY THE DIVISION:**

This cause came on for hearing at 8:15 a.m. on September 29, 1994, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 30th day of September, 1994, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

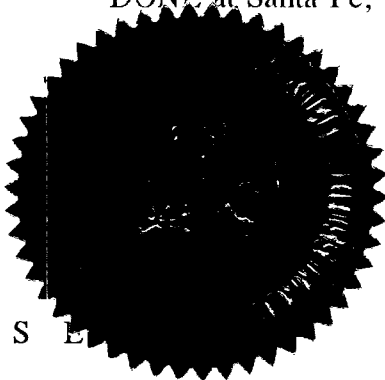
**FINDS THAT:**

The applicant's request for dismissal should be granted.

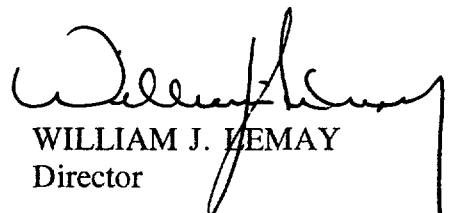
**IT IS THEREFORE ORDERED THAT:**

Case No. 11039 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**

  
**WILLIAM J. LEMAY**  
Director

STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

*File Please*

CASE NO. 11039  
Order No. R-10209

APPLICATION OF MERIDIAN OIL INC.  
FOR DOWNHOLE COMMINGLING AND AN  
UNORTHODOX COAL GAS WELL LOCATION,  
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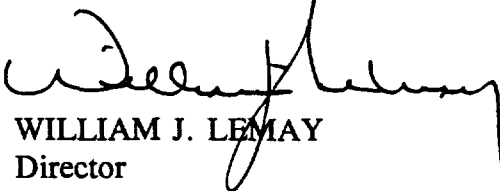
The applicant's request for dismissal should be granted.

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Case No. 11039 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY  
Director

S E A L

# MERIDIAN OIL

August 8, 1994

## Federal Express

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Re: Fifield #2  
1650'FSL, 1090'FEL, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

Dear Michael:

Please cancel the application for non-standard location for the referenced well at this time. In response to your inquiry of July 22, Meridian now intends to test the Fifield Com #800 (1600'FNL, 790'FEL Section 5, T-29-N, R-11-W) to see if it will return to production. If the #800 does return to production, the proposed work for the Fifield #2 will be dropped. If the #800 does not return to production, the Fifield #2 will be scheduled for hearing before the New Mexico Oil Conservation Division for commingling, and the non-standard location application will be made at that time.

Thank you for your consideration of this application.

Sincerely,



Peggy Bradfield  
Regulatory Representative



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

July 22, 1994

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

Attention: Peggy Bradfield

**RE: Administrative Application for an unorthodox gas well location.  
Fifield Well No. 2 (API No. 30-045-08688) 1650' FSL - 1090' FEL  
(Unit I) Section 5, Township 29 North, Range 11 West, NMPM,  
San Juan County, New Mexico.**

Dear Ms. Bradfield:

In reviewing the subject application dated July 11, 1994, our records indicate that the E/2 of said Section 5 is currently dedicated to Meridian Oil, Inc.'s Fifield Com Well No. 800 (API No. 30-045-27195) located 1600 feet from the North line and 790 feet from the East line (Unit H) of said Section 5. The subject application included a Form C-102 which shows the E/2 to be the dedicated acreage in the Basin-Fruitland Coal Gas Pool for the No. 2 well.

Since the Basin-Fruitland Coal Gas Pool rules to not provide for infill drilling, what will become of the Fifield Com Well No. 800?

Should you have any questions concerning this mater, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner", with a long, sweeping horizontal line extending to the right.

Michael E. Stogner  
Chief Hearing Officer/Engineer

MES/amg

cc: OCD - Aztec  
U. S. BLM - Farmington



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

July 22, 1994

Meridian Oil, Inc.  
P.O. Box 4289  
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Attention: Peggy Bradfield

**RE: Administrative Application for an unorthodox gas well location.  
Fifield Well No. 2 (API No. 30-045-08688) 1650' FSL - 1090' FEL  
(Unit I) Section 5, Township 29 North, Range 11 West, NMPM,  
San Juan County, New Mexico.**

Dear Ms. Bradfield:

In reviewing the subject application dated July 11, 1994, our records indicate that the E/2 of said Section 5 is currently dedicated to Meridian Oil, Inc.'s Fifield Com Well No. 800 (API No. 30-045-27195) located 1600 feet from the North line and 790 feet from the East line (Unit H) of said Section 5. The subject application included a Form C-102 which shows the E/2 to be the dedicated acreage in the Basin-Fruitland Coal Gas Pool for the No. 2 well.

Since the Basin-Fruitland Coal Gas Pool rules to not provide for infill drilling, what will become of the Fifield Com Well No. 800?

Should you have any questions concerning this mater, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Michael E. Stogner".

Michael E. Stogner  
Chief Hearing Officer/Engineer

MES/amg

cc: OCD - Aztec  
U. S. BLM - Farmington

# MERIDIAN OIL

July 11, 1994

## Federal Express

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

Re: Fifield #2  
1650'FSL, 1090'FEL, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

Dear Mr. LeMay:

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

Meridian Oil Inc. intends to complete the Fifield #2 in the Basin Fruitland Coal pool and commingle with the existing Aztec Pictured Cliffs. Application is being made to the New Mexico Oil Conservation Division to commingle this well. 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

Conoco Inc. hereby waives objection to Meridian Oil Inc.'s application for non-standard location for the Fifield #2 as proposed above.

By: Peggy Bradfield Date: 7/26/94

xc: Conoco, Inc.

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-1  
Revised February 21, 1979  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-08688		2 Pool Code 71629/71280		3 Pool Name Basin Fruitland Coal/Aztec Pictured Cliffs		
4 Property Code		5 Property Name Fifield			6 Well Number 2	
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.			9 Elevation 5764'	

10 Surface Location

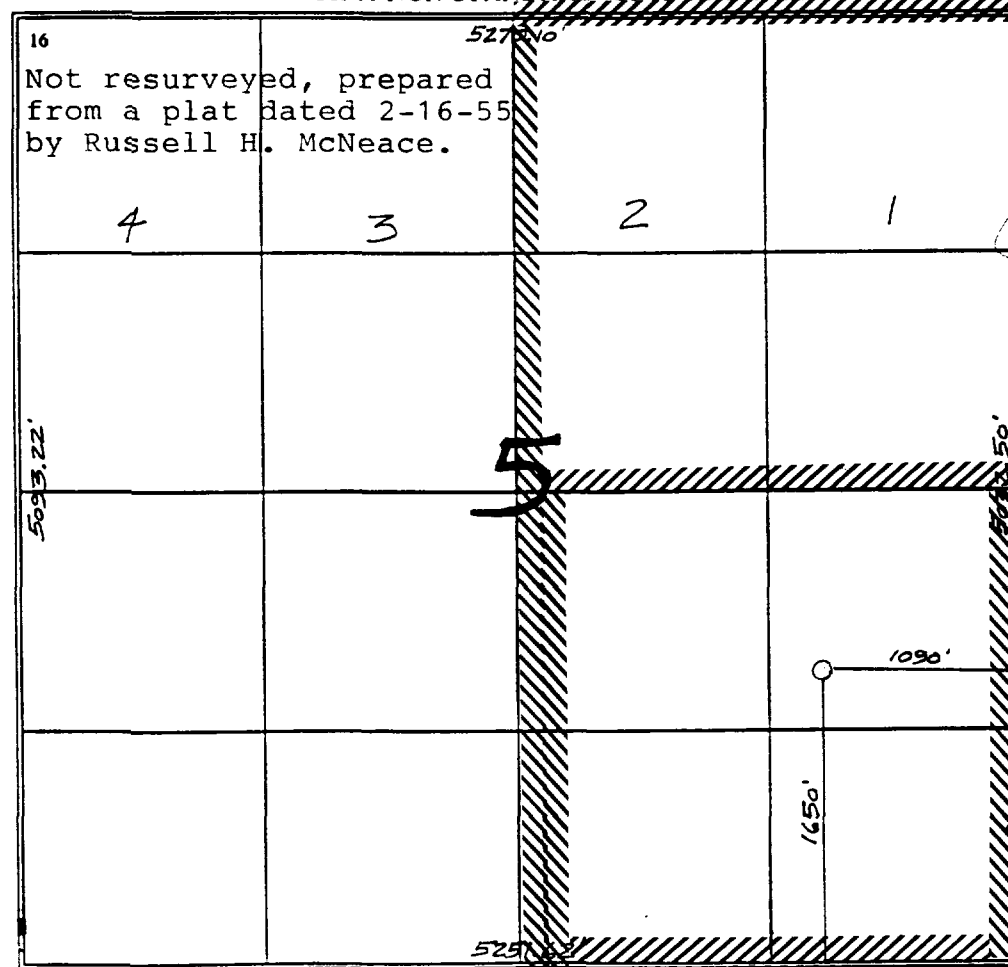

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	5	29 N	11 W		1650	South	1090	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320/160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 Not resurveyed, prepared from a plat dated 2-16-55 by Russell H. McNeace.				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.			
				Signature <i>Peggy Bradfield</i>			
				Printed Name Peggy Bradfield			
				Title Regulatory Representative			
				Date 7-8-94			
18 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 belief.				Date of Survey 8-25-94			
Signature and Seal of Surveyor 				Certificate Number 6857			



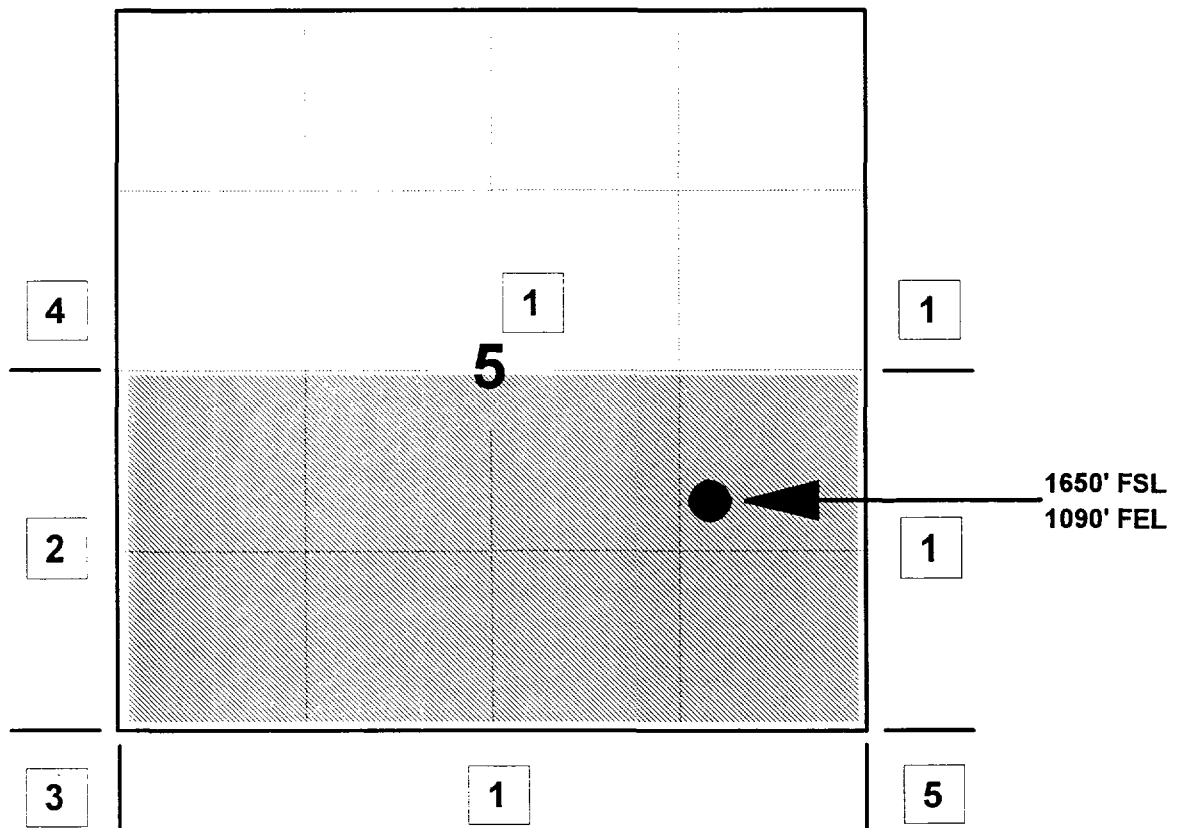
# MERIDIAN OIL INC

## FIFIELD #2

OFFSET OPERATOR \ OWNER PLAT

Unorthodox Fruitland Coal Well Location

Township 29 North, Range 11 West



1) Meridian Oil Inc

2) Southland Royalty Company

3) Meridian Oil Inc & Southland Royalty Company

4) Southland Royalty Company &

Conoco, Inc.

10 Desta Dr., Suite 100W, Midland, TX 79705

5) Meridian Oil Inc & Conoco, Inc.

June 29, 1994

Re: Fifield #2  
1650'FSL, 1090'E, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

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

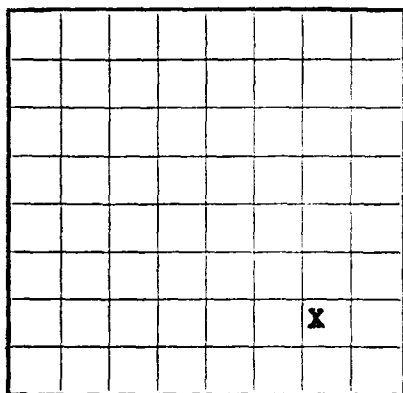
Conoco, Inc.  
10 Desta Drive  
Suite 100W  
Midland, TX 79705-4500

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 081085  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
Lessor or Tract Fifield Pool Unit Field Aztec State New Mexico  
Well No. 2 Sec. 5 T. 29N R. 11W Meridian NMPM County San Juan  
Location 1650 ft. N. of E. Line and 1090 ft. W. of E. Line of Section 5 Elevation 5773'  
(Derrick floor relative to sea level)

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

Signed \_\_\_\_\_ Original Signed E. N. Walsh

Date April 12, 1955Title Petroleum Engineer

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

Commenced drilling March 9, 1955 Finished drilling March 22, 1955

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1975 to 2040 (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. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.4#	P.E.	S.W.	121'	Howco				Surface
5 1/2"	16.50#	10 RD	S.W.	1967'	Baker				Prod. Log.
1"	1.68#	10 RD	Std. Blk.	2029'					Prod. Log.

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	1977'	150	Single Stage		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Size \_\_\_\_\_

Size	Shell used	Explosive used	Quantity	Depth	Remarks
		See Well History			

#### TOOLS USED

Rotary tools were used from 0 feet to 1977 feet, and from feet to feet  
 Cable tools were used from 1977 feet to 2040 feet, and from feet to feet

#### DATES

March 23, 1955 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 3,132,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 368

#### EMPLOYEES

, Driller , Driller  
 , Driller , Driller

#### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	405	405	Variegated sh w/thin ss breaks.
405	665	260	Tan to gry cr-grn ss interbedded w/gry sh.
665	760	95	Ojo Alamo ss. White cr-grn ss.
760	1705	945	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1705	1978	273	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
1978	2040 T.D.	62	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

EE02—

JO—

2040 T.D.

(OVER)

2040 T.D.

10-42004-3

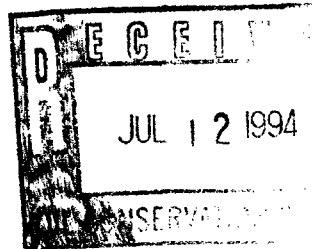
FORMATION RECORD—CONTINUED

# MERIDIAN OIL

July 11, 1994

## Federal Express

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



Re: Fifield #2  
1650'FSL, 1090'FEL, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

Dear Mr. LeMay:

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

Meridian Oil Inc. intends to complete the Fifield #2 in the Basin Fruitland Coal pool and commingle with the existing Aztec Pictured Cliffs. Application is being made to the New Mexico Oil Conservation Division to commingle this well. 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 Fifield #2 as proposed above.

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

xc: Conoco, Inc.

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-08688		Pool Code 71629/71280		Pool Name Basin Fruitland Coal/Aztec Pictured Cliffs	
Property Code		Property Name Fifield			Well Number 2
OGRID No. 14538		Operator Name MERIDIAN OIL INC.			Elevation 5764'

<sup>10</sup> Surface Location

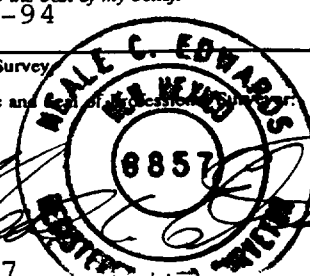
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	5	29 N	11 W		1650	South	1090	East	S.J.

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320/160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> Not resurveyed, prepared from a plat dated 2-16-55 by Russell H. McNeace.		<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature: <u>Peggy Bradfield</u> Printed Name: <u>Peggy Bradfield</u> Title: <u>Regulatory Representative</u> Date: <u>7-8-94</u>	
<div>5275.10'</div> <div>5093.22'</div> <div>5</div> <div>1090'</div> <div>1650'</div> <div>5251.21'</div>		<div>5093.22'</div> <div>5275.10'</div> <div>5</div> <div>1090'</div> <div>1650'</div> <div>5251.21'</div> <div>6857</div> <div><sup>18</sup> 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 belief. 5-25-94 Date of Survey: _____ Signature and Seal of Registered Surveyor:  Certificate Number: <u>6857</u></div>	

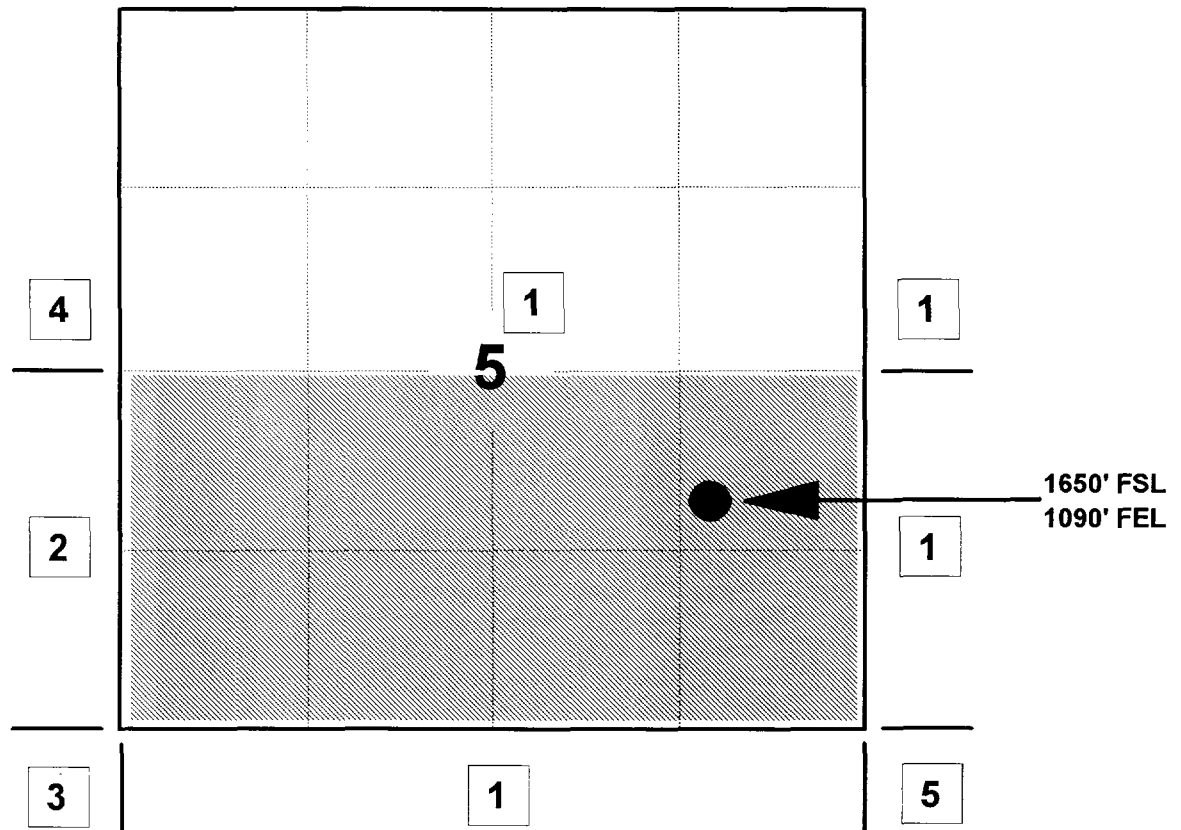
# MERIDIAN OIL INC

## FIFIELD #2

### OFFSET OPERATOR \ OWNER PLAT

#### Unorthodox Fruitland Coal Well Location

Township 29 North, Range 11 West



- 1) Meridian Oil Inc
- 2) Southland Royalty Company
- 3) Meridian Oil Inc & Southland Royalty Company
- 4) Southland Royalty Company &  
Conoco, Inc. 10 Desta Dr., Suite 100W, Midland, TX 79705
- 5) Meridian Oil Inc & Conoco, Inc.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

June 29, 1994

Re: Fifield #2  
1650'FSL, 1090'E, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

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

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



Peggy Bradfield  
Notary Public  
San Juan County, New Mexico

My commission expires August 17, 1996.



U. S. LAND OFFICE Santa FeSERIAL NUMBER 081085

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
 Lessor or Tract Fifield Pool Unit Field Aztec State New Mexico  
 Well No. 2 Sec. 5 T. 29N R. 11W Meridian NMPM County San Juan  
 Location 1650 ft. N. of S. Line and 1090 ft. W. of E. Line of Section 5 Elevation 5773'  
(Derrick floor relative to sea level)

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

Original Signed E. N. Walsh  
Signed \_\_\_\_\_

Date April 12, 1955Title Petroleum Engineer

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

Commenced drilling March 9, 1955 Finished drilling March 22, 1955

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1975 to 2040 (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. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.44	P.E.	S.W.	121'	Howco				Surface
5 1/2"	16.50	10 RD	Std. Bx	1967'	Baker				Prod. Csg.
1"	1.68	10 RD	Std. Bx	2882'					Prod. Tbg.

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	1977'	150	Single Stage		

### PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Size \_\_\_\_\_

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History				

#### TOOLS USED

Rotary tools were used from 0 feet to 1977 feet, and from feet to feet

Cable tools were used from 1977 feet to 2040 feet, and from feet to feet

#### DATES

March 23, 1955 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 3,132,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 368

#### EMPLOYEES

, Driller , Driller

, Driller , Driller

#### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	405	405	Variegated sh w/thin ss breaks.
405	665	260	Tan to gry cr-grn ss interbedded w/gry sh.
665	760	95	Ojo Alamo ss. White cr-grn ss.
760	1705	945	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1705	1978	273	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
1978	2040 T.D.	62	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

LEOP—

J.C.—

20-1-1-1-1

[OVER]

10-43094-3

10-43094-3

FORMATION RECORD—CONTINUED

# MERIDIAN OIL

July 11, 1994

## Federal Express

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

Re: Fifield #2  
1650'FSL, 1090'FEL, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

Dear Mr. LeMay:

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

Meridian Oil Inc. intends to complete the Fifield #2 in the Basin Fruitland Coal pool and commingle with the existing Aztec Pictured Cliffs. Application is being made to the New Mexico Oil Conservation Division to commingle this well. 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 Fifield #2 as proposed above.

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

xc: Conoco, Inc.

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-10  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-08688	<sup>2</sup> Pool Code 71629/71280	<sup>3</sup> Pool Name Basin Fruitland Coal/Aztec Pictured Cliffs
<sup>4</sup> Property Code	<sup>5</sup> Property Name Fifield	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name MERIDIAN OIL INC.	<sup>9</sup> Elevation 5764'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	5	29 N	11 W		1650	South	1090	East	S.J.

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320/160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> Not resurveyed, prepared from a plat dated 2-16-55 by Russell H. McNeace.	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <u>Peggy Bradfield</u> Printed Name Regulatory Representative Title Date <u>7-8-94</u>
<div><div>527.50'</div><div>503.22'</div><div>525.00'</div><div>1650'</div><div>1090'</div><div>503.50'</div></div>	<div><div>527.50'</div><div>503.22'</div><div>525.00'</div><div>1650'</div><div>1090'</div><div>503.50'</div></div> <div><div>NEALE C. EDWARDS</div><div>REGISTERED SURVEYOR</div><div>6857</div></div> <div>6857 Certificate Number</div>

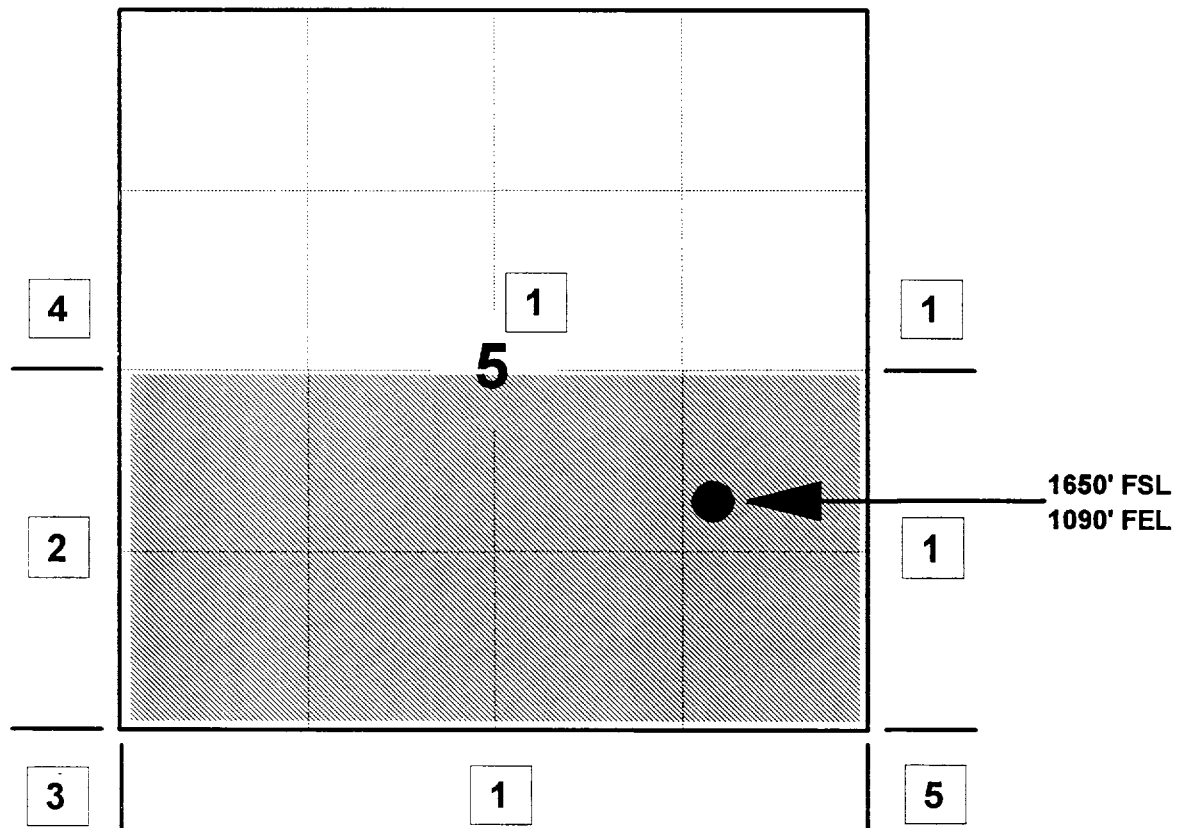
# MERIDIAN OIL INC

## FIFIELD #2

OFFSET OPERATOR \ OWNER PLAT

Unorthodox Fruitland Coal Well Location

Township 29 North, Range 11 West



1) Meridian Oil Inc

2) Southland Royalty Company

3) Meridian Oil Inc & Southland Royalty Company

4) Southland Royalty Company &

Conoco, Inc.

10 Desta Dr., Suite 100W, Midland, TX 79705


5) Meridian Oil Inc & Conoco, Inc.

June 29, 1994

Re: Fifiield #2  
1650'FSL, 1090'E, Section 5, T-29-N, R-11-W, San Juan County, NM  
API #30-045-08688

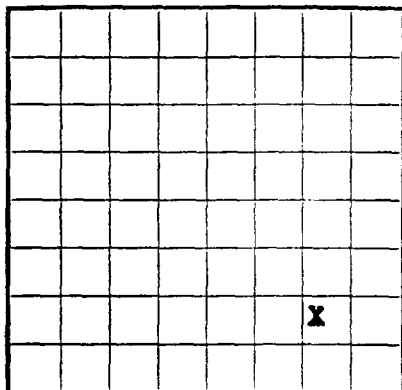
I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard gas well location for the recompletion of the above well.

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

A handwritten signature in black ink, appearing to read "Peggy Bradfield", with a small mark above the final flourish.

Peggy Bradfield  
Notary Public  
San Juan County, New Mexico

My commission expires August 17, 1996.



LOCATE WELL CORRECTLY

*File*

U. S. LAND OFFICE Santa Fe  
 SERIAL NUMBER 081085  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
 Lessor or Tract Fifield Pool Unit Field Aztec State New Mexico  
 Well No. 2 Sec. 5 T. 29N R. 11W Meridian NMPM County San Juan  
 Location 1650 ft. N. of E. Line and 1090 ft. W. of E. Line of Section 5 Elevation 5773'  
 (Derrick floor relative to sea level)

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

Signed Original Signed E. N. Walsh

Date April 12, 1955 Title Petroleum Engineer

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

Commenced drilling March 9, 1955 Finished drilling March 22, 1955

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1976 to 2040 (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. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.4#	P.E.	S.W.	121'	Howco				Surface
5 1/2"	16.50	11.75	U.S.	196'	Baker				Prod. Log.
1"	1.68#	10 RD	Std. Bld.	2020'					Prod. Log.

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	1977'	150	Single Stage		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapter—Material \_\_\_\_\_ Size \_\_\_\_\_

Size	Shells used	Drill pipe	Drill collar	Drill bit	Drill bit
		See Well History			

# TOOLS USED

Rotary tools were used from 0 feet to 1977 feet, and from feet to feet  
Cable tools were used from 1977 feet to 2040 feet, and from feet to feet

# DATES

March 23, 1955 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 3,132,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 568

# EMPLOYEES

, Driller , Driller  
, Driller , Driller

# FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	405	405	Variegated sh w/thin ss breaks.
405	665	260	Tan to gry cr-grn ss interbedded w/gry sh.
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1978	2040 T.D.	62	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

10-48094-8

FORMATION RECORD—CONTINUED



## **Mike Stogner**

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**From:** Ernie Busch  
**To:** Mike Stogner  
**Subject:** MERIDIAN OIL INC (NSL)  
**Date:** Tue, Jul 12, 1994 9:37AM

**WELL NAME:** FIFIELD #2  
**LOCATION:** I-05-29N-11W  
**FOOTAGE:** 1650' FSL; 1090' FEL  
**RECOMMEND:** APPROVAL