



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



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

February 9, 1994

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

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

Attention: Peggy Bradfield

P 11-28N-10W

Administrative Order NSL-3351(NSP)

Dear Ms. Bradfield:

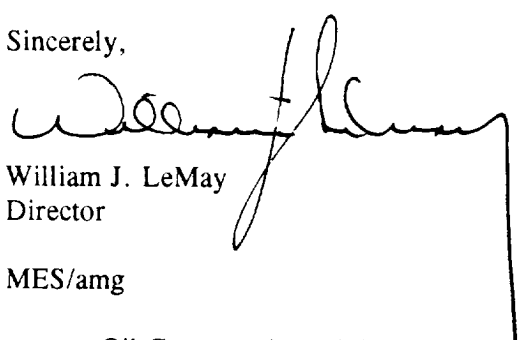
Reference is made to your application dated January 10, 1994 for a non-standard Basin-Fruitland coal gas well for your existing Zachry Well No. 5 which was drilled in 1955 and completed in the Aztec Pictured Cliffs Pool on a non-standard 197.08-acre gas spacing and proration unit (Division Order No. R-658, dated July 14, 1955) comprising Lots 1, 2 and 3, the SE/4 SW/4 and S/2 SE/4 of Irregular Section 11, Township 28 North, Range 10 West, NMPM, San Juan County, New Mexico, at a standard gas well location 1040 feet from the South line and 990 feet from the East line (Unit P) of said Section 11.

It is my understanding that the Pictured Cliffs zone is to be downhole commingled with the Basin-Fruitland Coal Gas Pool, and pursuant to the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool, as promulgated by Division Order No. R-8768, as amended, said location is considered to be unorthodox. Further, all of said Irregular Section 11 shall be dedicated to said well forming a non-standard 262.28-acre gas and spacing unit for said Basin-Fruitland Coal Gas Pool.

By the authority granted me under the provisions of Rules 6 and 8 of said Order No. R-8768, as amended, the above-described unorthodox coal gas well location and non-standard unit are hereby approved.

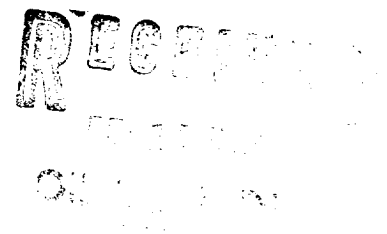
Also, Meridian Oil, Inc. shall comply with all other provisions of said Order No. R-8768, as amended, pertaining to the downhole commingling of coal gas production with gas produced from the Pictured Cliffs interval. All provisions of said Order No. R-658 pertaining to said Pictured Cliffs completion shall remain in full force and effect until further notice.

Sincerely,


William J. LeMay
Director

MES/amg

cc: Oil Conservation Division - Aztec
US Bureau of Land Management - Farmington





STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: 1-26-94

Atty Mike Stogner

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

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on 1-12-94
for the Mexican Oil Inc. ZACHRY #5
OPERATOR LEASE & WELL NO.

P-11-28N-10W and my recommendations are as follows:
UL-S-T-R

Approve

Yours truly,

Gene Basely

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

Re: Zachry #5
1040'FSL, 990'FEL
Section 11, T-28-N, R-10-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 Zachry #5 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:

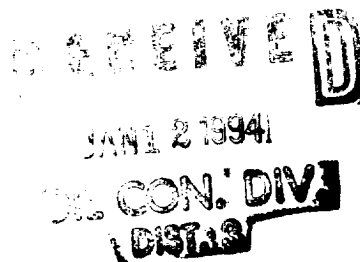
1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators;
3. Copy of Well Completion Log for original completion.

Meridian Oil and Southland Royalty are the offset owners/operators of this well as shown on the attached plat.

Sincerely yours,



Peggy Bradfield
Regulatory/Compliance Representative



Submit to Adjudicator:
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-88

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. Drawer DD, Azusa, NM 88210

DISTRICT III
1000 Rio Basin Rd., Azusa, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Zachry		Well No. 5	
Unit Letter P	Section 11	Township 28 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1040 feet from the South line and 990 feet from the East line					
Ground level Elev. 5655'	Producing Formation Fruitland Coal/Pic.Cliffs		Pool Basin/Aztec		Dedicated Acreage 262.28/197.08

1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by commutation, lease-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation

If answer is "no" list the owners and what descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

No allowable well be assigned to the well until all interests have been consolidated (by commutation, lease-pooling, or otherwise) or until a acre-consolidated unit, encompassing such interest, has been approved by the Division.

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
Meridian Oil Inc.

Position
Regulatory Representative

Company

Date

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
Need to be within 180 days

Signature
Professional Surveyor

3857

Continued on Page 2

*Not resurveyed prepared from a plat dated 3-21-55 by Stephen H. Kinney;

RECEIVED
JAN 21 1994
OIL CON. DIV.
RSL 3

4

3

2

1

1040'
990'

MERIDIAN OIL INC

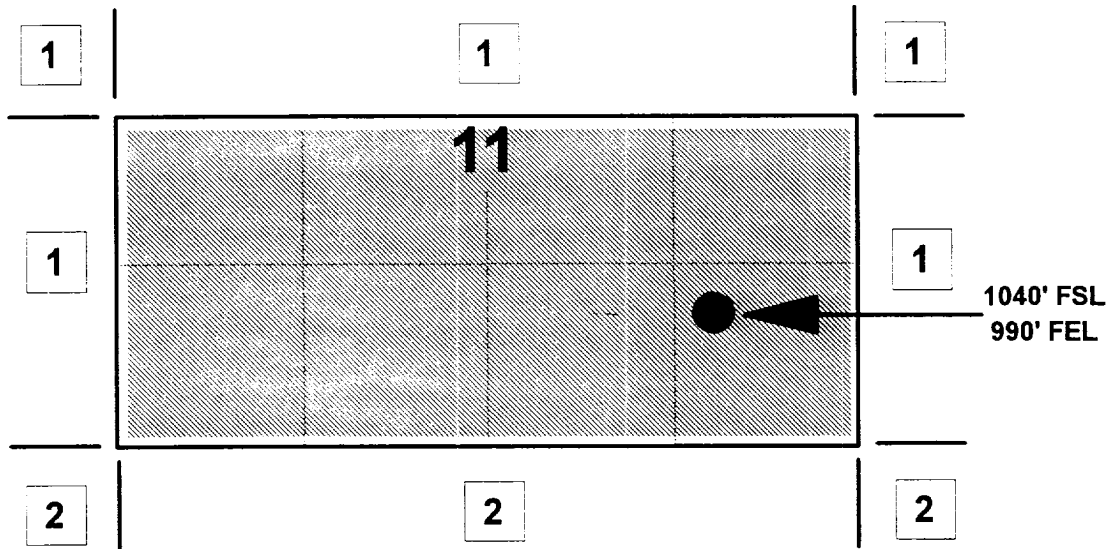
ZACHRY #5

OFFSET OPERATOR \ OWNER PLAT

Unorthodox Fruitland Coal Well Location

Township 28 North, Range 10 West

RECEIVED
JAN 11 2011
WYOMING



1) Meridian Oil Inc

2) Southland Royalty Company

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 ~~3562.98~~ 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. Copeland~~, Driller

~~Clay Cade~~, Driller

~~J. A. Brown~~

FORMATION RECORD

~~Bill Hall~~

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

RECEIVED

JAN 2 1934

OIL CON. C
DIST. 3

BROW-

LO-

LOLV FEE (OVER)

LOE FEE (OVER)

10-43004-3

FORMATION RECORD—Continued

RECEIVED

Project Bureau No. 42-R-355.3.
Approval expires 12-31-55.

JAN 2 1994

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF 080724

LEASE OR PERMIT TO PROSPECT

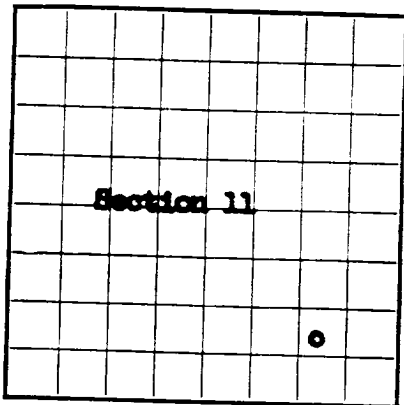
OIL CON. DIV

DIST. 3

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Hurt Building, Dallas 1, TexasLessor or Tract Zachary Field Artes Pictured Cliffs New MexicoWell No. 5 Sec. 11 T28-N R. 10-W Meridian N.M.P.M. County San JuanLocation 1040 ft. N. of E. Line and 990 ft. E. of E. Line of Section 11 Elevation 5655'
(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

A. M. WIEDERKEHR

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. 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—	
<u>9 5/8"</u>	<u>36</u>		<u>J-55</u>	<u>161'</u>					
<u>5 1/2"</u>	<u>15.50</u>		<u>J-55</u>	<u>1861-75'</u>					<u>surface production</u>

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8"</u>	<u>161'</u>	<u>150 sacks</u>	<u>Halliburton</u>		
<u>5 1/2"</u>	<u>1859'</u>	<u>200 sacks</u>	<u>Halliburton</u>		
<u>1"</u>	<u>1890'</u>				

PLUGS AND ADAPTERS