

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At 1140'S, 1850'W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

2 miles from Navajo Dam, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1140'

16. NO. OF ACRES IN LEASE

904.31

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160.00 / 146.36

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

300'

19. PROPOSED DEPTH

2610'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5930' GL

SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal, pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	9 5/8"	32.3#	200'	130 cf. circulated
8 3/4"	7"	20.0#	2449'	269 cf cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	2610'	do not cement

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The SW/4 of Section 29 is dedicated to this well.

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OIL CON. DIV.
DIP.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNER [Signature] TITLE Regulatory Affairs DATE 09-02-88

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NSC-2565

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

All distances must be from the outer boundaries of the Section.

Operator Meridian Oil Inc.			Lease Howell E (NM-012708)		Well No. 301
Unit Letter N	Section 29	Township 30 North	Range 8 West	County San Juan	
Actual Footage Location of Wells 1140 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 5930	Producing Formation Fruitland Coal		Pool Undesignated	Dedicated Acreage: 146.36 Acres	

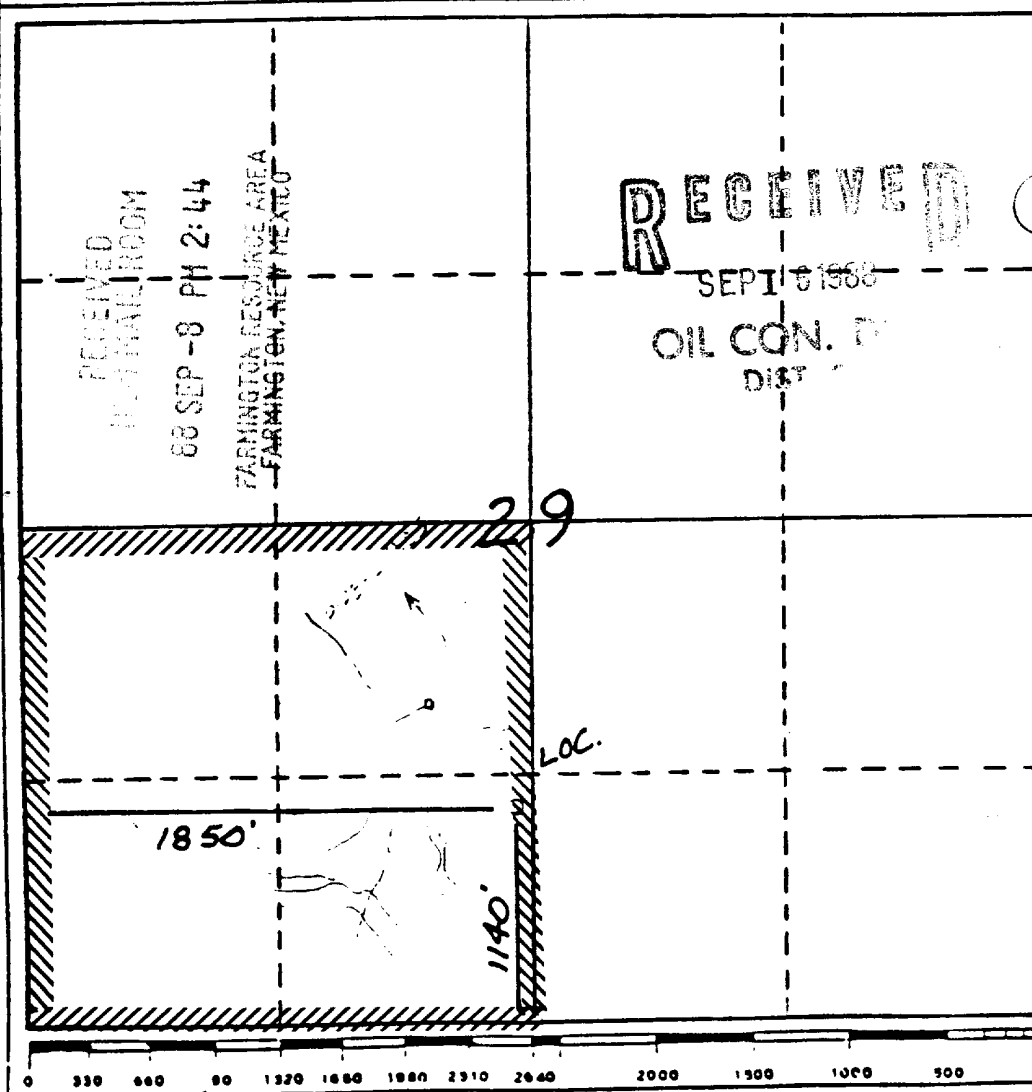
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

If answer is "no," list the owners and tract 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division

*Note: Non-standard location due to terrain, pipelines, and short section.



CERTIFICATION

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

John D. Duffield
Name

Drilling Clerk

Position
Meridian Oil Inc.

Company
G. C. P.

Date
X

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.

Neale C. Edwards
Date Surveyed

6-16-88

Registered Professional Engineer
and/or Land Surveyor

Neale C. Edwards

Certificate No.

6857



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

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

August 24, 1988

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

Attention: Peggy Doak

Administrative Order NSL-2565

Dear Ms. Doak:

Reference is made to your application for a non-standard location for your Howell E Well No. 301 to be located 1140 feet from the South line and 1850 feet from the West line (Unit N) of Section 29, Township 30 North, Range 8 West, NMPM, Blanco Fruitland Pool, San Juan County, New Mexico. The SW/4 of said Section 29 shall be dedicated to the well.

By the authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

William J. LeMay
Director

WJL/DRC/ag

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

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AUG 25 1988
C. C. C.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

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

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 7-15-88

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 7-5-88
for the MERIDIAN OIL INC. HOWELL #301 N-29-30N-8W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

[Signature]

✓ if ?
MERIDIAN OIL

July 1, 1988

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

This is a request for administrative approval for an unorthodox gas well location in the Undesignated Fruitland Coal Pool.

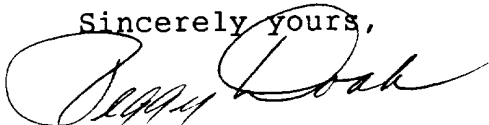
It is intended to locate the Meridian Oil Inc.'s Howell E #301 at 1140' from the South line and 1850' from the West line of Section 29, T-30-N, R-8-W, San Juan County, New Mexico.

Extremely rough terrain and pipelines makes it impossible to build an orthodox location in the southwest quarter of this section.

A copy of this application is being submitted to all offset 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.

Plats showing the proposed well location and the terrain in Section 29, along with an ownership plat, are attached.

Sincerely yours,



Peggy Doak

encl.

WAIVER

_____ hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell E #301 as proposed above.

By: _____

Date: _____

cc: Tenneco Oil
Texaco, Inc.

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OIL CON. DIV
DIST. 3

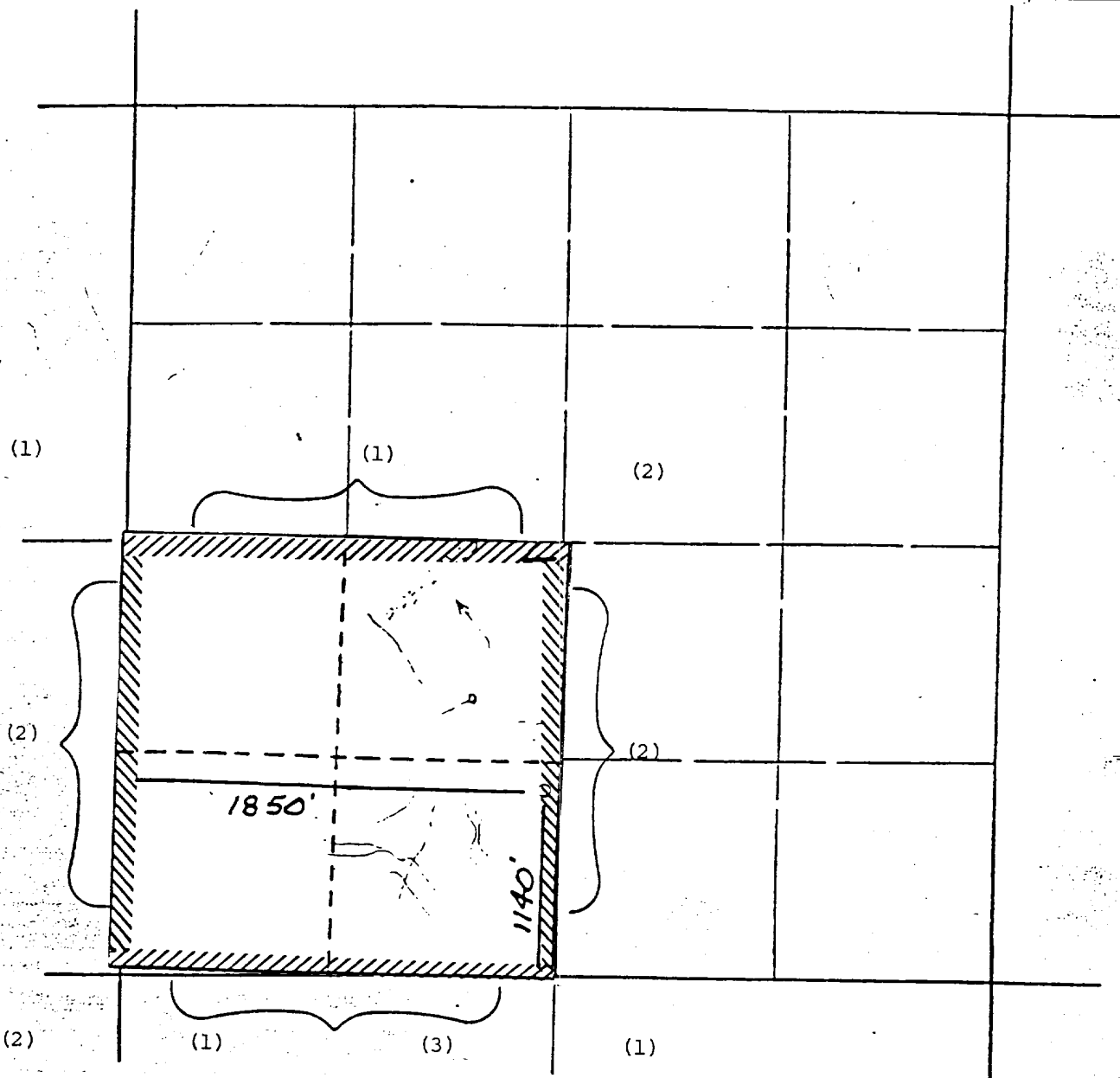
MERIDIAN OIL INC.

Well Name Howell E #301, Undesignated Fruitland

Footage---- 1140' FSL; 1850' FWL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 29 Township 30N Range 8W



REMARKS: OFFSET OPERATORS

(1) Meridian Oil Inc.

(2) Tenneco Oil Company

(3) Texaco, Inc.

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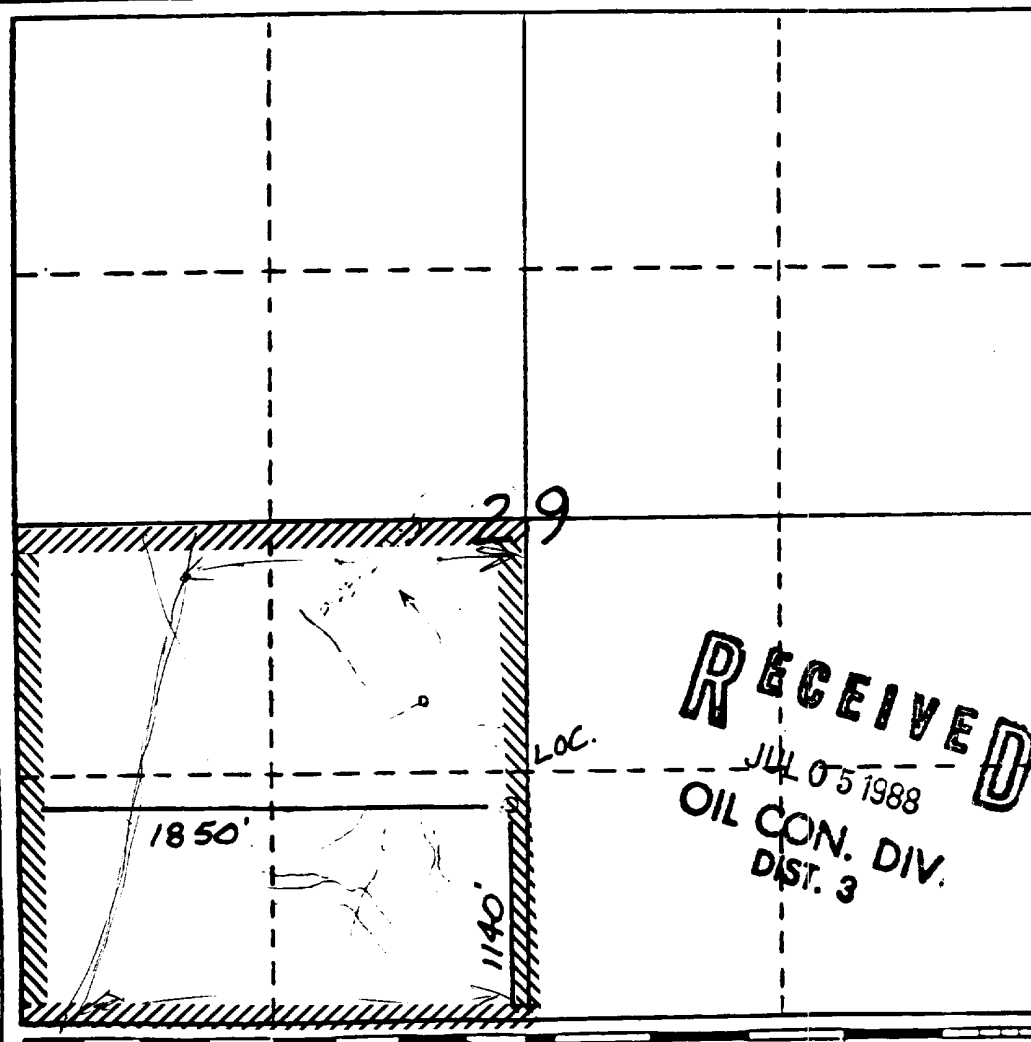
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Name
Drilling Clerk
Position
Meridian Oil Inc.
Company

Date
3/

I hereby certify that the location shown on this plat is based on field notes of actual surveys made by me or under my supervision, and to the best of my knowledge and belief is true and correct.

Neale C. Edwards

Date Surveyed
6-16-83
Registered Professional Engineer
and/or Land Surveyor

Neale C. Edwards
Certificate No.

6857

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DST. 3

