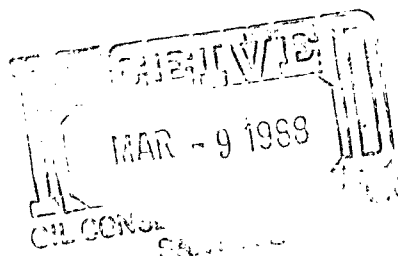


Release Date:  
March 29, 1988

By DRC

## MERIDIAN OIL



March 7, 1988

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

NSL 2491  
RULE-104 FES

Wildcat Fruitland Pool  
160 Acres dcd  
NE1/4 Section 14

Dear Mr. LeMay:

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

It is intended to locate the Meridian Oil Inc.'s Howell E #300 at 290' from the North line and 1085' from the East line of Section 14, T-30-N, R-8-W, San Juan County, New Mexico.

Extremely rough terrain in the form of steep cliffs, pipelines, roads and powerlines make it impossible to build an orthodox location in the northeast 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 14, along with an ownership plat, are attached.

Sincerely yours,

Peggy Doak

encl.

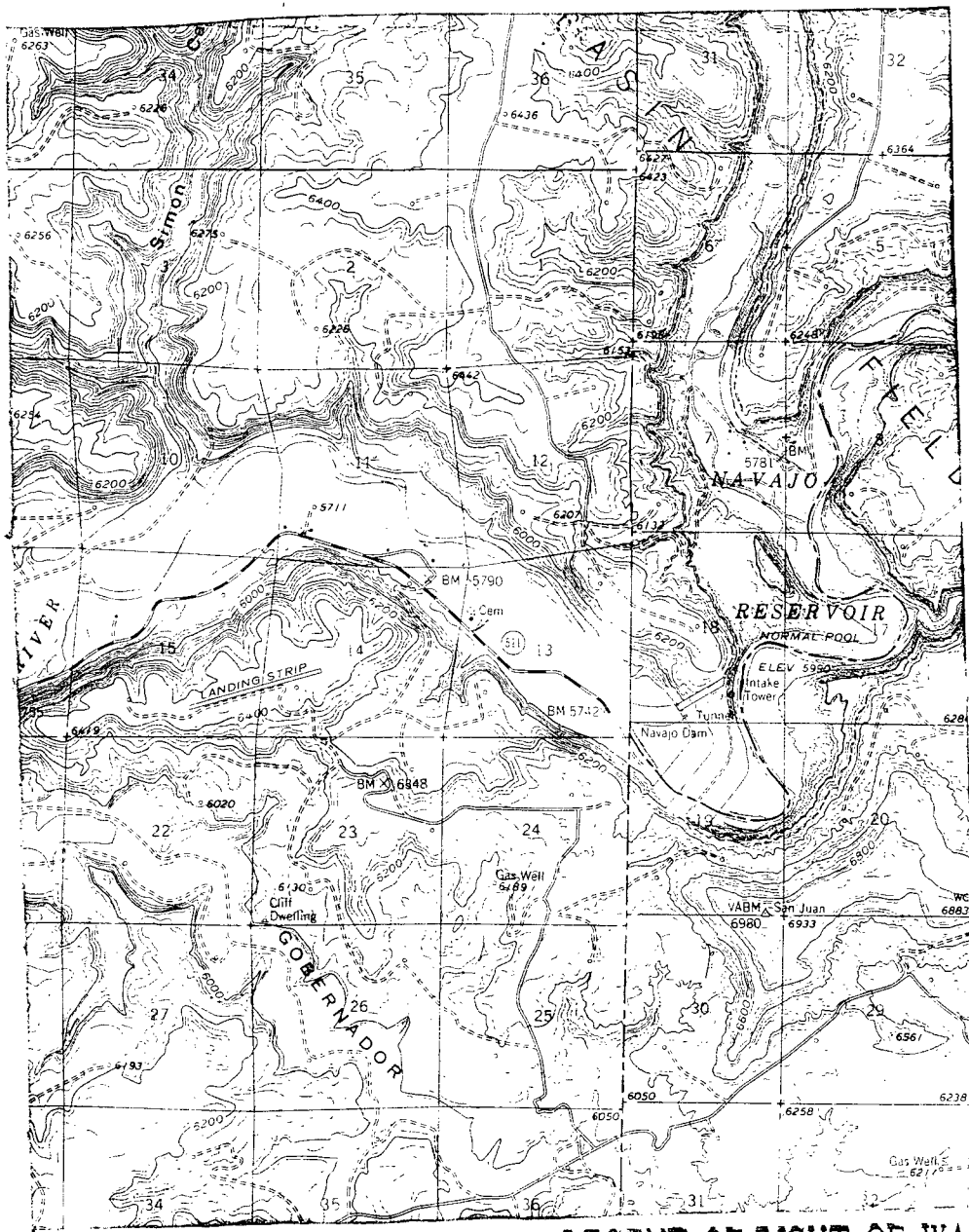
### WAIVER

\_\_\_\_\_ hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell E #300 as proposed above.

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

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

cc: Tenneco Oil  
Blackwood & Nichols



Map #2

# LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS

EXISTING PIPELINES

EXISTING ROAD & PIPELINE

PROPOSED ROADS

PROPOSED PIPELINES

PROPOSED ROAD & PIPELINE

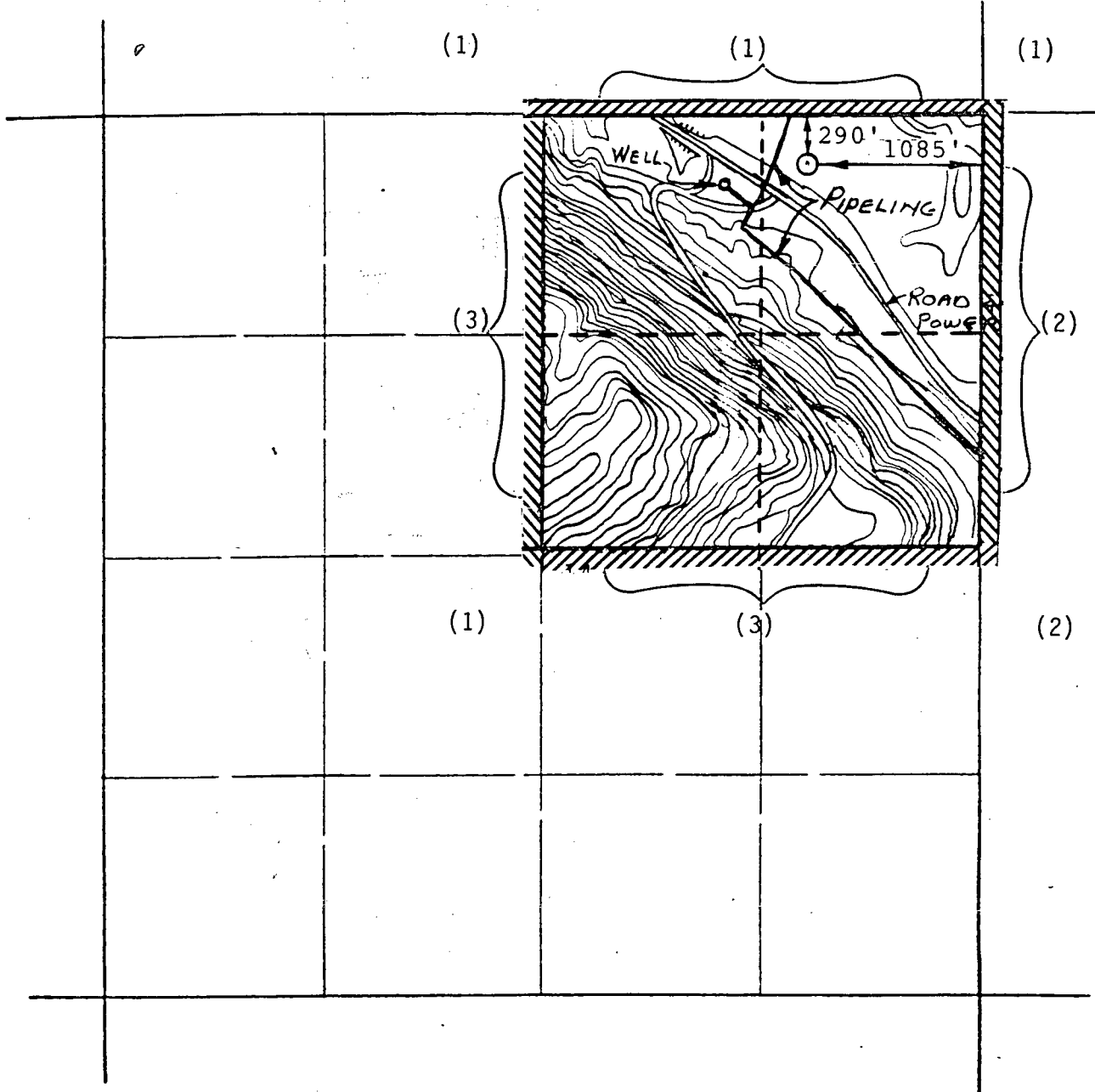
MERIDIAN OIL INC.

Well Name Howell E #300, Undesignated Fruitland

Footage----- 290' FNL, 1085' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 14 Township 30N Range 8W



REMARKS:

(1) Meridian Oil Inc.

(2) Blackwood & Nichols, Northeast Blanco Unit - Operator

(3) Tenneco Oil Company

*uld*

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

Operator MERIDIAN OIL, INC.			Lease HOWELL E (NM-012708)		Well No. 300
Unit Letter A	Section 14	Township 30-N	Range 8-W	County SAN JUAN	

## Actual Footage Location of Well:

290 feet from the NORTH line and 1085 feet from the EAST line

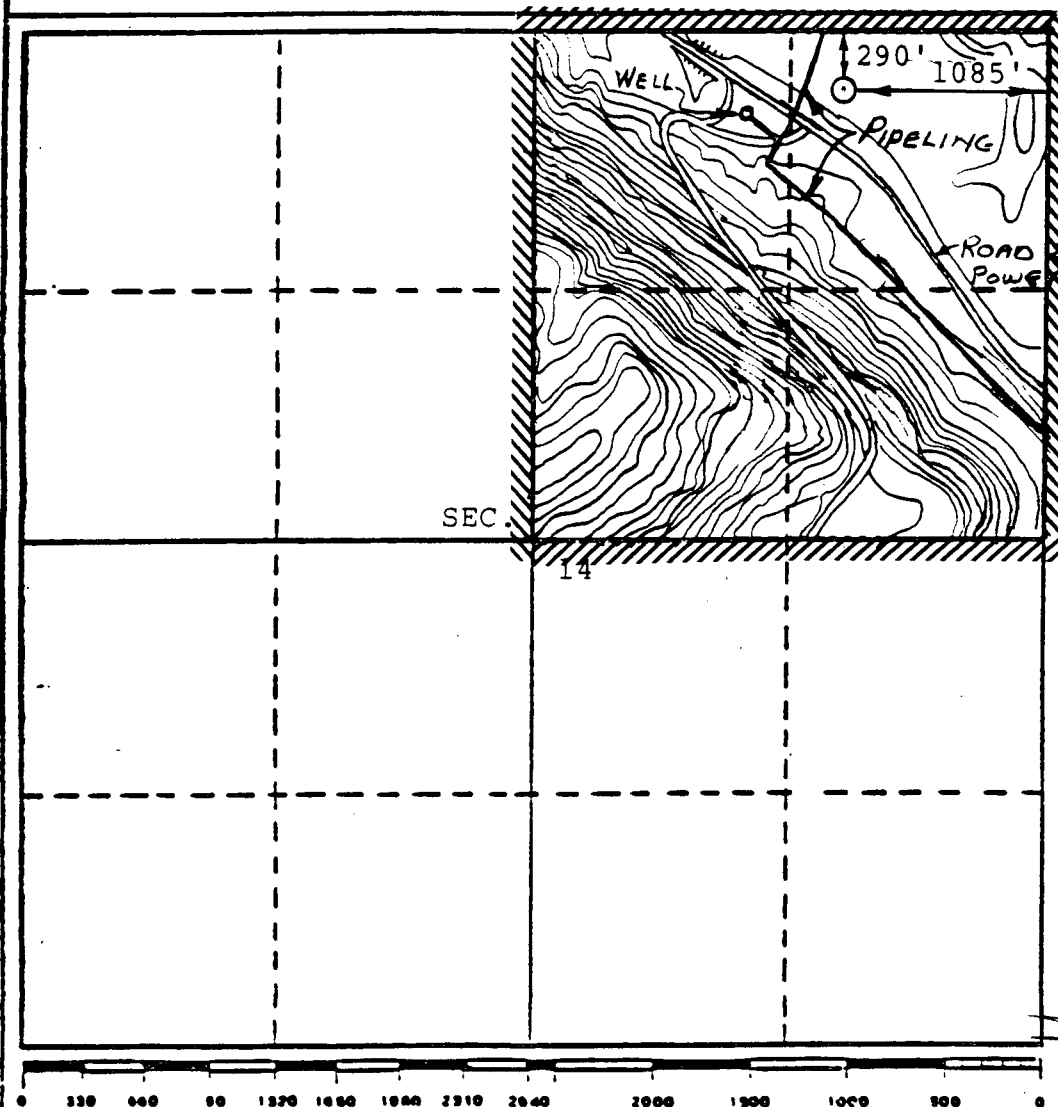
Ground Level Elev. 5655	Producing Formation Fruitland	Pool Undesignated	Dedicated Acreage: 160 Acres
----------------------------	----------------------------------	----------------------	---------------------------------

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



## CERTIFICATION

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

Name  
Drilling Clerk  
Position  
Meridian Oil Inc.  
Company

Date

ISAAC L. WEAVER  
NEW MEXICO  
87501  
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.  
REGISTERED PROFESSIONAL ENGINEER

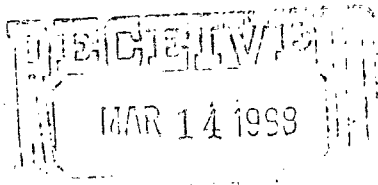
FEBRUARY 18, 1988

Date Surveyed  
ISAAC L. WEAVER  
Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

8966

MERIDIAN OIL



March 7, 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 Pool.

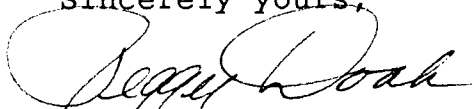
It is intended to locate the Meridian Oil Inc.'s Howell E #300 at 290' from the North line and 1085' from the East line of Section 14, T-30-N, R-8-W, San Juan County, New Mexico.

Extremely rough terrain in the form of steep cliffs, pipelines, roads and powerlines make it impossible to build an orthodox location in the northeast 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 14, along with an ownership plat, are attached.

Sincerely yours,



Peggy Doak

encl.

WAIVER

Blackwood & Nichols hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell E #300 as proposed above.  
By: William F. Clark Date: March 10, 1988

cc: Tenneco Oil  
Blackwood & Nichols

# MERIDIAN OIL

March 7, 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 Pool.

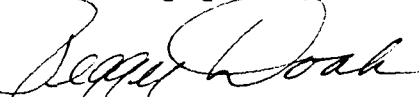
It is intended to locate the Meridian Oil Inc.'s Howell E #300 at 290' from the North line and 1085' from the East line of Section 14, T-30-N, R-8-W, San Juan County, New Mexico.

Extremely rough terrain in the form of steep cliffs, pipelines, roads and powerlines make it impossible to build an orthodox location in the northeast 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 14, along with an ownership plat, are attached.

Sincerely yours,



Peggy Doak

encl.

## WAIVER

Blackwood & Nichols hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell E #300 as proposed above.

By: William F. Elmer

Date: March 10, 88

cc: Tenneco Oil  
Blackwood & Nichols

MERIDIAN OIL

RECEIVED  
JUL 22 1988  
OIL CONSERVATION DIVISION  
SANTA FE

FILE - NSL-2491

July 13, 1988

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

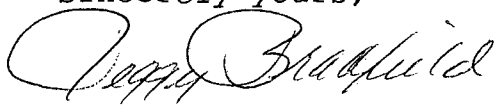
Dear Mr. LeMay:

A request for administrative approval for an unorthodox gas well location was submitted to you for the Howell E #300 at 290' from the North line and 1085' from the East line of Section 14, T-30-N., R-8-W, San Juan County, New Mexico.

Please cancel this request, as this well will now be located at 850' from the North line and 1170' from the East line.

We appreciate your help in this matter.

Sincerely yours,



Peggy Bradfield  
Regulatory Affairs

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1A. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-012708	
1B. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Meridian Oil Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		8. FARM OR LEASE NAME Howell E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 800' N, 1170' E At proposed prod. zone 850'		9. WELL NO. 300	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles from Navajo Dam		10. FIELD AND POOL, OR WILDCAT Undes. Fruitland COAL	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 800'	16. NO. OF ACRES IN LEASE 160 904.31	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-30-N, R- 8-W NMPM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 300	19. PROPOSED DEPTH 2610'	12. COUNTY OR PARISH San Juan	
21. ELEVATIONS (Show whether OF, BT, GR, etc.) 5700' GL 5704' "GENERAL REQUIREMENTS"		13. STATE NM	
23. PROPOSED CASING AND CEMENTING PROGRAM This section is subject to internal procedural review pursuant to 43 CFR 3160.4 and appeal pursuant to 43 CFR 3160.4.		17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00 140.72	
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START*	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9 5/8"	32.3#	200'
8 3/4"	7"	20.0#	2415'
6 1/4"	5 1/2" liner	23.0#	2610'
		250 cf. circulated	
		292 cf to cover Ojo Alamo	
		do not cement	

The Fruitland 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 NE/4 of Section 14 is dedicated to this well.

RECEIVED

MAY 19 1988

OIL CON. DIV.]

DIST. 3

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. SIGNED [Signature] TITLE Drilling Clerk DATE 03-26-88

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*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 <b>MERIDIAN OIL, INC.</b>		Lease <b>HOWELL E (NM-012708)</b>		Well No. <b>300</b>
Unit Letter <b>A</b>	Section <b>14</b>	Township <b>30-N</b>	Range <b>8-W</b>	County <b>SAN JUAN</b>

Actual Footage Location of Wells

<b>850</b>	feet from the	<b>NORTH</b>	line and	<b>1170</b>	feet from the	<b>EAST</b>	line
Ground Level Elev. <b>570.4</b>	Producing Formation <b>Fruitland COAL</b>		Pool <b>Undesignated</b>		Dedicated Acreage <b>140.92</b>		

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 \_\_\_\_\_

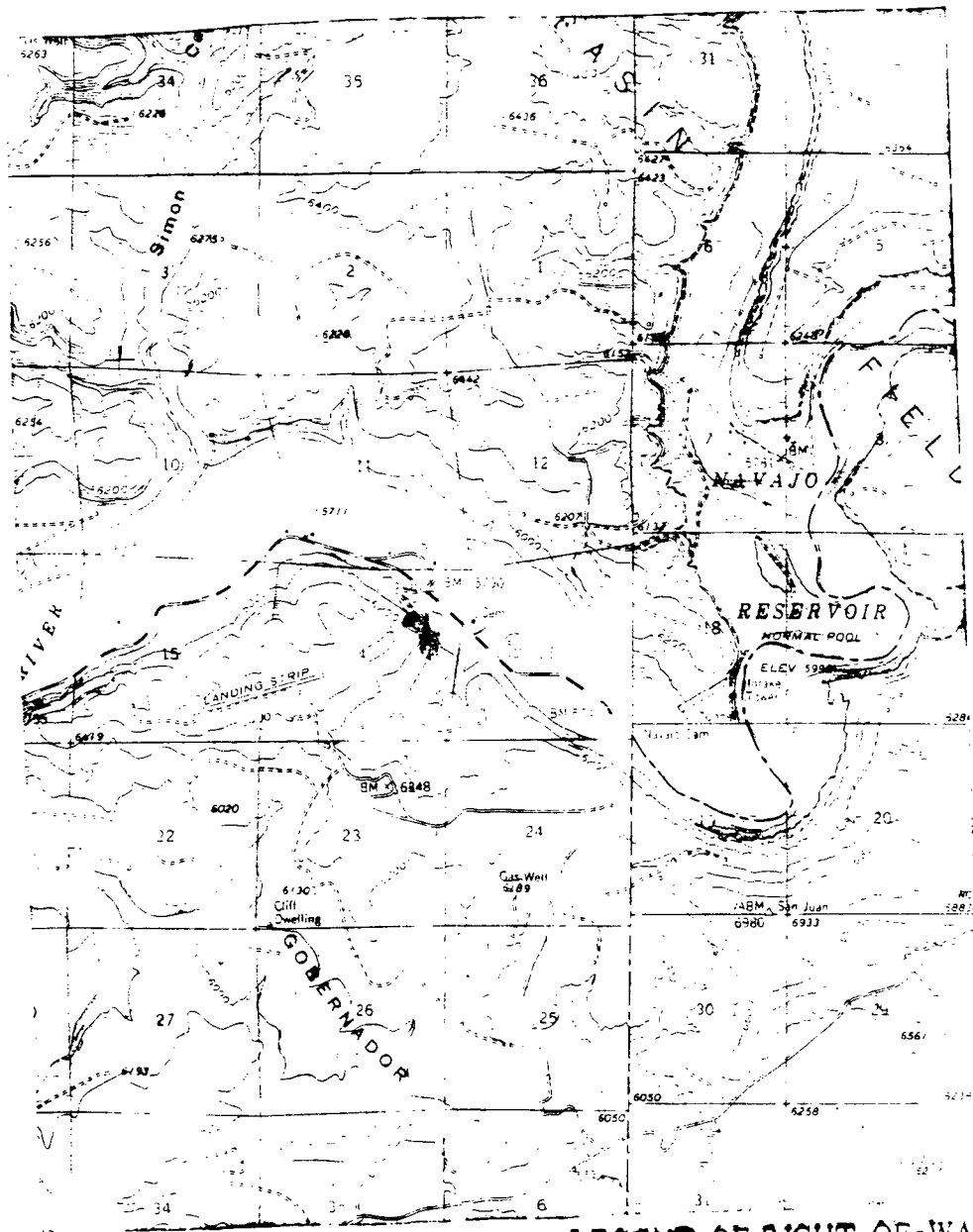
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

Note: revised to show moved location. 5-5-88

		<p align="center"><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p>	
		<p>Name _____</p> <p>Position <b>Drilling Clerk</b></p> <p>Company <b>Meridian Oil Inc.</b></p> <p>Date <b>5-6-88</b></p>	
<p>RECEIVED BLM MAIL ROOM 88 MAY -6 PM 1:28 FARMINGTON RESOURCE AREA FARMINGTON NEW MEXICO</p>		<p>SEC. 14</p> <p align="center"><b>RECEIVED</b></p> <p align="center"><b>MAY 19 1988</b></p> <p align="center"><b>OIL CON. DIV.</b></p> <p align="center"><b>DIST. 3</b></p>	
<p>0 320 640 96 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400 6720 7040 7360 7680 8000</p>		<p align="center"><b>ISAAC L. WEAVER</b></p> <p align="center"><b>NEW MEXICO</b></p> <p align="center"><b>MARCH 14, 1988</b></p> <p>Date Surveyed <b>ISAAC L. WEAVER</b></p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p>Certificate No. <b>8966</b></p>	

*Houell E 300*  
*NE 14-30-8*



Map #2

**LEGEND OF RIGHT-OF-WAYS**

- EXISTING ROADS
- EXISTING PIPELINES + + +
- EXISTING ROAD & PIPELINE + + + +
- PROPOSED ROADS
- PROPOSED PIPELINES
- PROPOSED ROAD & PIPELINE



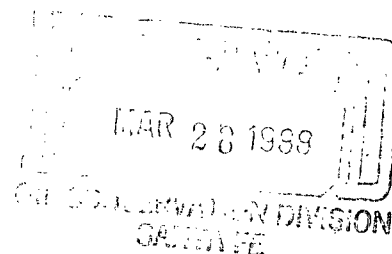
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

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

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 3-24-88

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_



Gentlemen:

I have examined the application dated 3-9-88  
for the MERIDIAN OIL CO. HOWELL #300 A-14-300-80  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

E. J. Rangel