

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 "surface"  
1990'S, 1175'E

At proposed prod. zone

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

8 miles from Navajo Dam

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 1175'  
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED

TO THIS WELL 160.00 (NSL) 152.42

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT. 300'

19. PROPOSED DEPTH

3068'

20. ROTARY OR CABLE TOOLS

Rotary

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

6437' GL

22. APPROX. DATE WORK WILL START\*

23.

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED DRILLING AND CEMENTING PROGRAM

This action is subject to technical and  
procedural review pursuant to 43 CFR 3155.4  
and appeal pursuant to 43 CFR 3155.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	9 5/8"	32.3#	500'	310 cf. circulated
8 3/4"	7"	20.0#	3115'	980 cf to cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	3300'	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 SE/4 of Section 15 is dedicated to this well.

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 04-19-88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NSL-2509  
OK RB

NMOCC

\*See Instructions On Reverse Side

## 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 <b>MERIDIAN OIL, INC.</b>		Lease <b>HOWELL K (SF-078578A)</b>		Well No. <b>300</b>
Unit Letter <b>I</b>	Section <b>15</b>	Township <b>30-N</b>	Range <b>8-W</b>	County <b>SAN JUAN</b>

## Actual Footage Location of Well:

1990 feet from the SOUTH line and 1175 feet from the EAST line

Ground Level Elev. <b>6437</b>	Producing Formation <b>Fruitland</b>	Pool <b>Undesignated</b>	Dedicated Acres <b>160 / 52.42 Acres</b>
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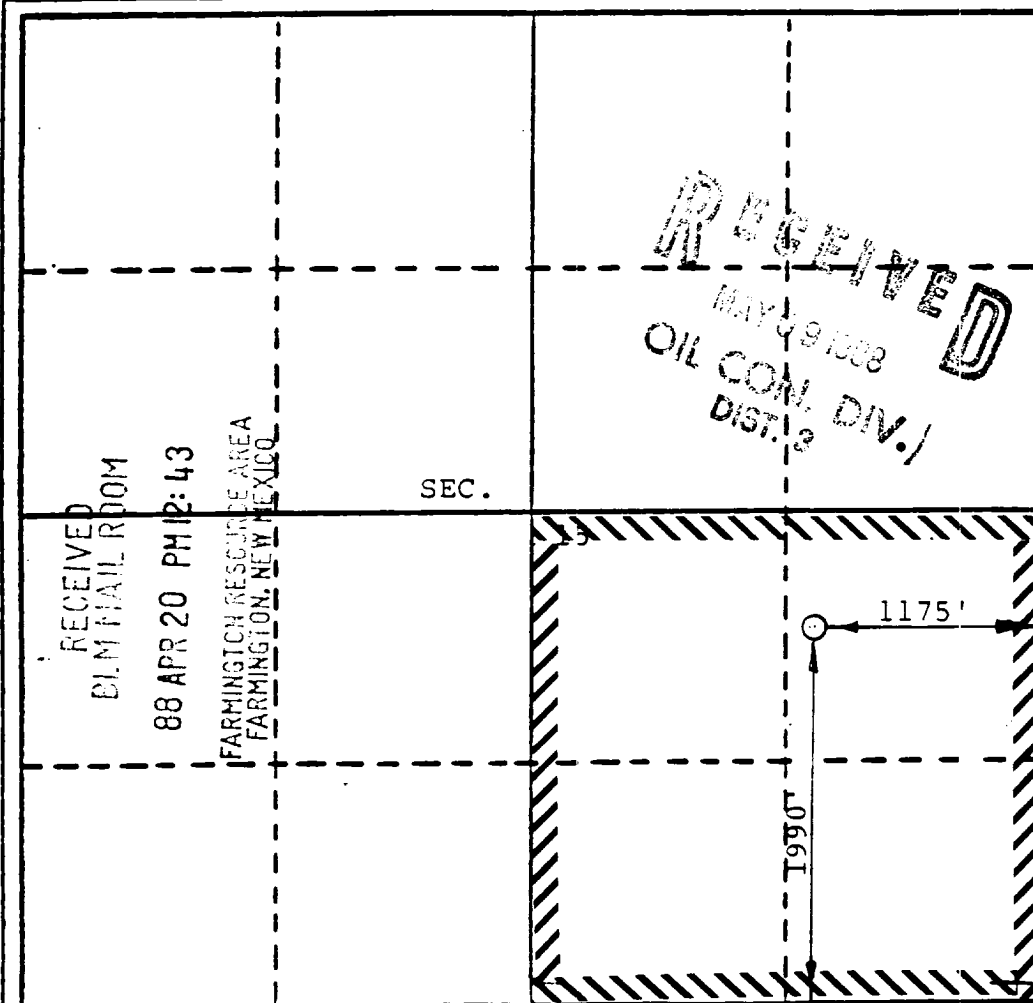
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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: UNORTHODOX LOCATION TO AVOID CATHODIC BED



## CERTIFICATION -

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

Name

Position

Drilling Clerk

Company

Meridian Oil Inc.

Date

4-19-88

I hereby certify that the well location shown on this plat was located 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.

MARCH 14, 1988

Date Surveyed

ISAAC L. WEAVER

Registered Professional Engineer and/or Land Surveyor

Certificate No.

8966

This is a detailed topographic map of the Navajo Reservation area. The map features a grid system with numbers 1 through 36. Key geographical features include the San Juan River flowing through the center, the Gobernador area at the bottom, and the Navajo Reservation to the right. Specific landmarks and locations marked include Simon, Gas Well (elevation 5489), San Juan (elevation 6580), and a Reservoir. Contour lines indicate elevations such as 6256, 6275, 6200, 6000, 6040, 6070, 6090, 6130, 6150, 6170, 6190, 6210, 6230, 6250, 6270, 6290, 6310, 6330, 6350, 6370, 6390, 6410, 6430, 6450, 6470, 6490, 6510, 6530, 6550, 6570, 6590, 6610, 6630, 6650, 6670, 6690, 6710, 6730, 6750, 6770, 6790, 6810, 6830, 6850, 6870, 6890, 6910, 6930, 6950, 6970, 6990, 7010, 7030, 7050, 7070, 7090, 7110, 7130, 7150, 7170, 7190, 7210, 7230, 7250, 7270, 7290, 7310, 7330, 7350, 7370, 7390, 7410, 7430, 7450, 7470, 7490, 7510, 7530, 7550, 7570, 7590, 7610, 7630, 7650, 7670, 7690, 7710, 7730, 7750, 7770, 7790, 7810, 7830, 7850, 7870, 7890, 7910, 7930, 7950, 7970, 7990, 8010, 8030, 8050, 8070, 8090, 8110, 8130, 8150, 8170, 8190, 8210, 8230, 8250, 8270, 8290, 8310, 8330, 8350, 8370, 8390, 8410, 8430, 8450, 8470, 8490, 8510, 8530, 8550, 8570, 8590, 8610, 8630, 8650, 8670, 8690, 8710, 8730, 8750, 8770, 8790, 8810, 8830, 8850, 8870, 8890, 8910, 8930, 8950, 8970, 8990, 9010, 9030, 9050, 9070, 9090, 9110, 9130, 9150, 9170, 9190, 9210, 9230, 9250, 9270, 9290, 9310, 9330, 9350, 9370, 9390, 9410, 9430, 9450, 9470, 9490, 9510, 9530, 9550, 9570, 9590, 9610, 9630, 9650, 9670, 9690, 9710, 9730, 9750, 9770, 9790, 9810, 9830, 9850, 9870, 9890, 9910, 9930, 9950, 9970, 9990. The map also shows various roads, trails, and other infrastructure.

### LEGEND OF RIGHT-OF-WAYS

## EXISTING PIPELINES

EXISTING ROAD & PIPELINE

## PROPOSED ROADS

## PROPOSED PIPELINES

## PROPOSED ROAD & PIPELINE