

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
Meridian Oil Inc.

4. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At SURFACE 1165'N, 1000'E
At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 miles from Navajo Dam

7. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1000'
(Also to nearest drlg. unit line, if any)

8. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED
OR APPLIED FOR, ON THIS LEASE, FT. 400

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
6360'GL

10. PROPOSED CASING AND CEMENTING PROGRAM
SUBJECT TO THE BUREAU OF LAND MANAGEMENT
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9 5/8"	32.3#	400'
8 3/4"	7"	20.0#	2945'
6 1/4"	5 1/2" liner	23.0#	3191'

11. LEASE DESIGNATION AND SERIAL NO.
SF-078387

12. IF INDIAN, ALLOTTEE OR TRIBE NAME

13. UNIT AGREEMENT NAME

14. FARM OR LEASE NAME
Howell D

15. WELL NO.
352

16. FIELD AND POOL, OR WILDCAT
Undes. Fruitland Coal.

17. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 31, T-31-N, R- 8-W
NMPM

18. COUNTY OR PARISH
San Juan

19. STATE
NM

20. NO. OF ACRES ASSIGNED
TO THIS WELL 160.00

21. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

23. This action is subject to technical and
procedural review pursuant to 43 CFR 3105.3
and appealable under 43 CFR 3105.4.
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 31 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 Reggie Doak TITLE Drilling Clerk DATE 03-26-88

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE APR 27 1988

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator MERIDIAN OIL, INC.			Lease HOWELL D (SF-078387)		Well No. 352
Unit Letter A	Section 31	Township 31-N	Range 8-W	County SAN JUAN	

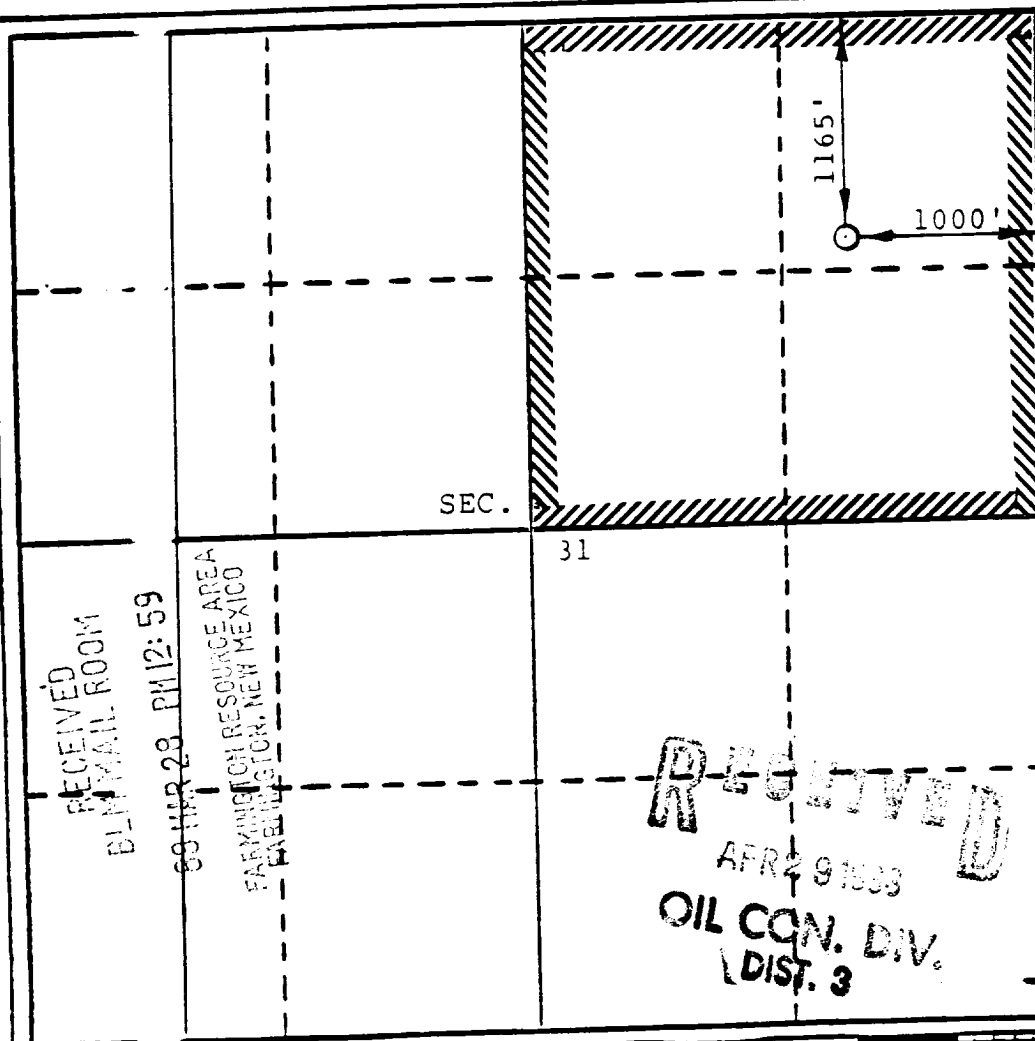
Actual Footage Location of Wells								
1165	(feet from the	NORTH	line and	1000'	(feet from the	EAST	line	
Ground Level Elev. 6360	Producing Formation Fruitland		Pool Undesignated		Dedicated Acreage 160			Acres

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.



CERTIFICATION

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

Isaac I. Weaver

Name
Drilling Clerk

Position
Meridian Oil Inc.

Company
3-26-88

Date

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.

MARCH 3, 1988

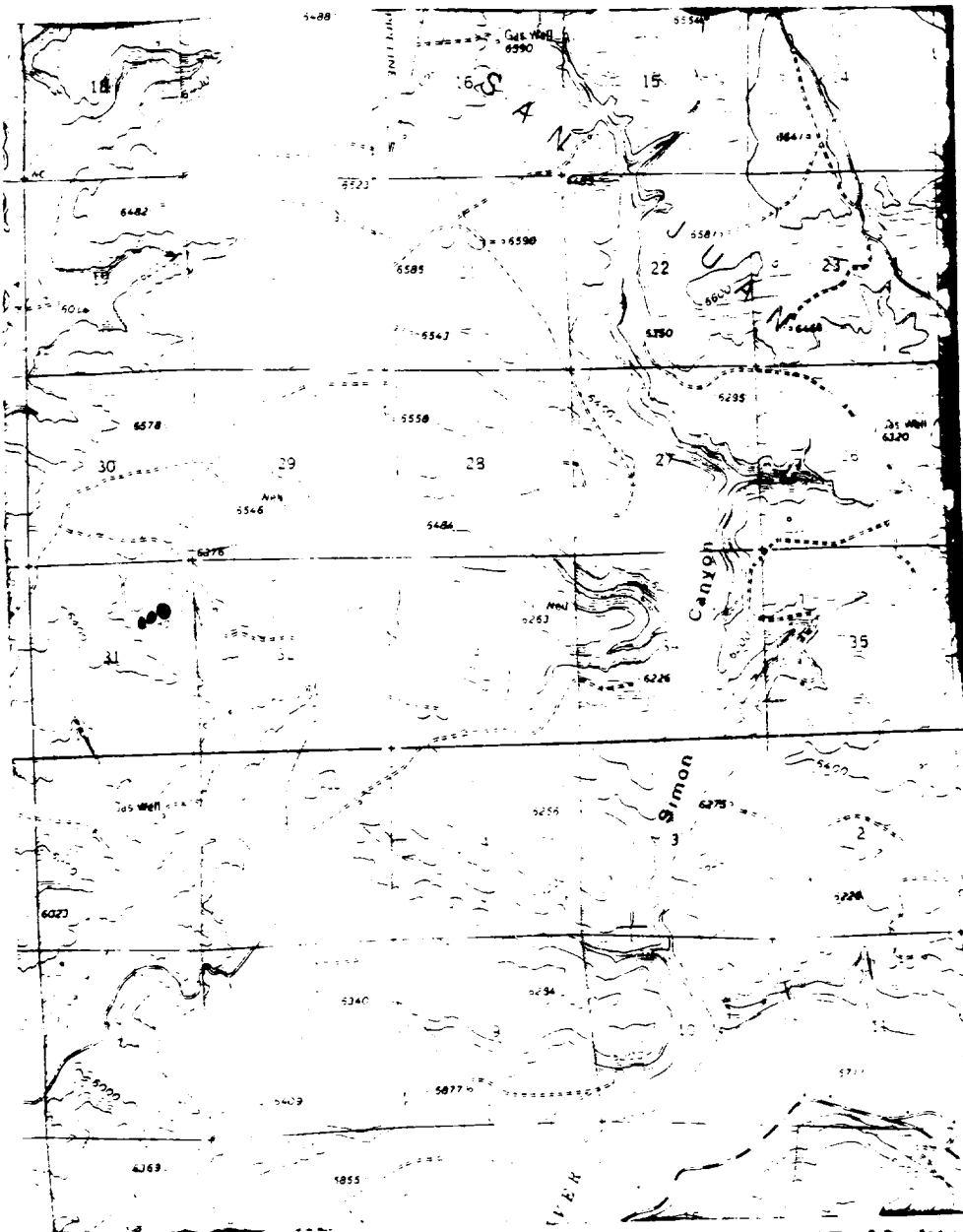
Date Surveyed
ISAAC I. WEAVER

Registered Professional Engineer
and/or Land Surveyor

Certificate No.
8966

Howell D 352

Howell D 352
NE 31-31-8



Map #2

LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS

EXISTING PIPELINES

EXISTING ROAD & PIPELINE

PROPOSED ROADS

PROPOSED PIPELINES

PROPOSED ROAD & PIPELINE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078387

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howell D

9. WELL NO.

352

10. FIELD AND POOL, OR WILDCAT

Undes. Fruitland Coal

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 31, T-31-N, R-08-W
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

Post Office Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1165'N, 1000'E

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, ST, GR, etc.)

6360'GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Spud Well

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

05-15-88

Spudded well at 10:00 p.m. 05-15-88. Drilled to 421'. Ran 9 jts. 9 5/8", 36.0#, K-55 surface casing set at 421'. Cemented with 250 sks. Class "B" with 1/4#/sk. gel-flake and 3% calcium chloride (295 cu.ft.). Circulated to surface. WOC 12 hours. Tested 600#/30 minutes, held ok.

RECEIVED
OIL CON. DIV.
MAY 17 AM 10:19
FARMINGTON, NEW MEXICO

RECEIVED
MAY 20 1988
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Drilling Clerk

DATE

05-16-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side