

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

1040' N, 4840' E 1040' N, 1840' E

At proposed prod. zone

HCC-A-8006

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

3 miles from Navajo Dam

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 800'

(Also to nearest drlg. unit line, if any)
15. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 500

16. NO. OF ACRES IN LEASE

160 1280

19. PROPOSED DEPTH

3125'

17. NO. OF ACRES ASSIGNED

TO THIS WELL 160.00

20. ROTARY OR CABLE TOOLS

Rotary

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

6272' GL This action is subject to technical and

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	400'	250 cf. circulated
8 3/4"	7"	20.0#	2945'	292 cf to cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	3125'	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 33 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

03-26-88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

03-26-88

[Signature]
AREA MANAGER

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 37501Form C-102
Revised 10-1-78

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

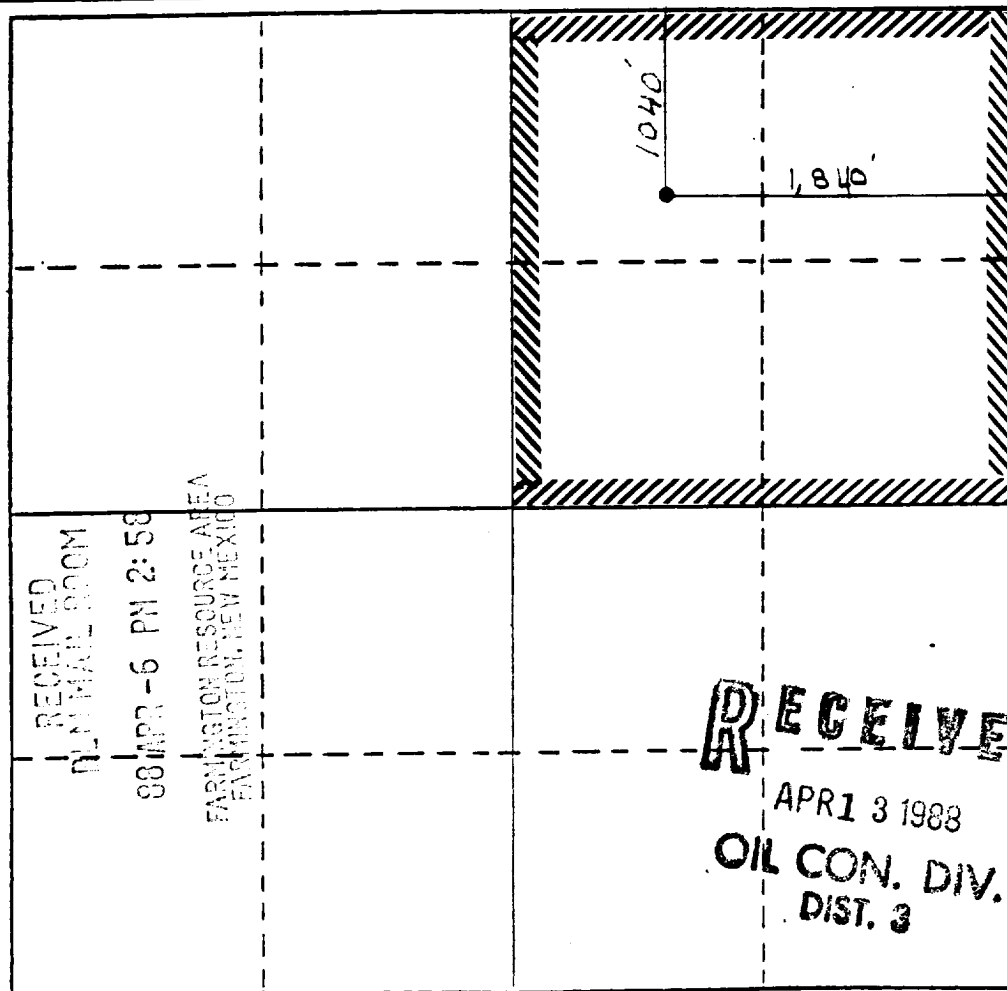
Operator Meridian Oil Co.			Lease Howell D (SF-078387)		Well No. 353
Unit Letter B	Section 33	Township T31N	Range R8W	County San Juan	
Actual Postage Location of Wells 1040 feet from the North line and 1840 feet from the East line					
Ground Level Elev. 6279	Producing Formation Fruitland		Pool Undesignated		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.

Name

Drilling Clerk

Position

Meridian Oil Inc.

Company

4-6-88

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.

Registered Professional
Land Surveyor

Date Surveyed

3-25-88

Registered Land Surveyor

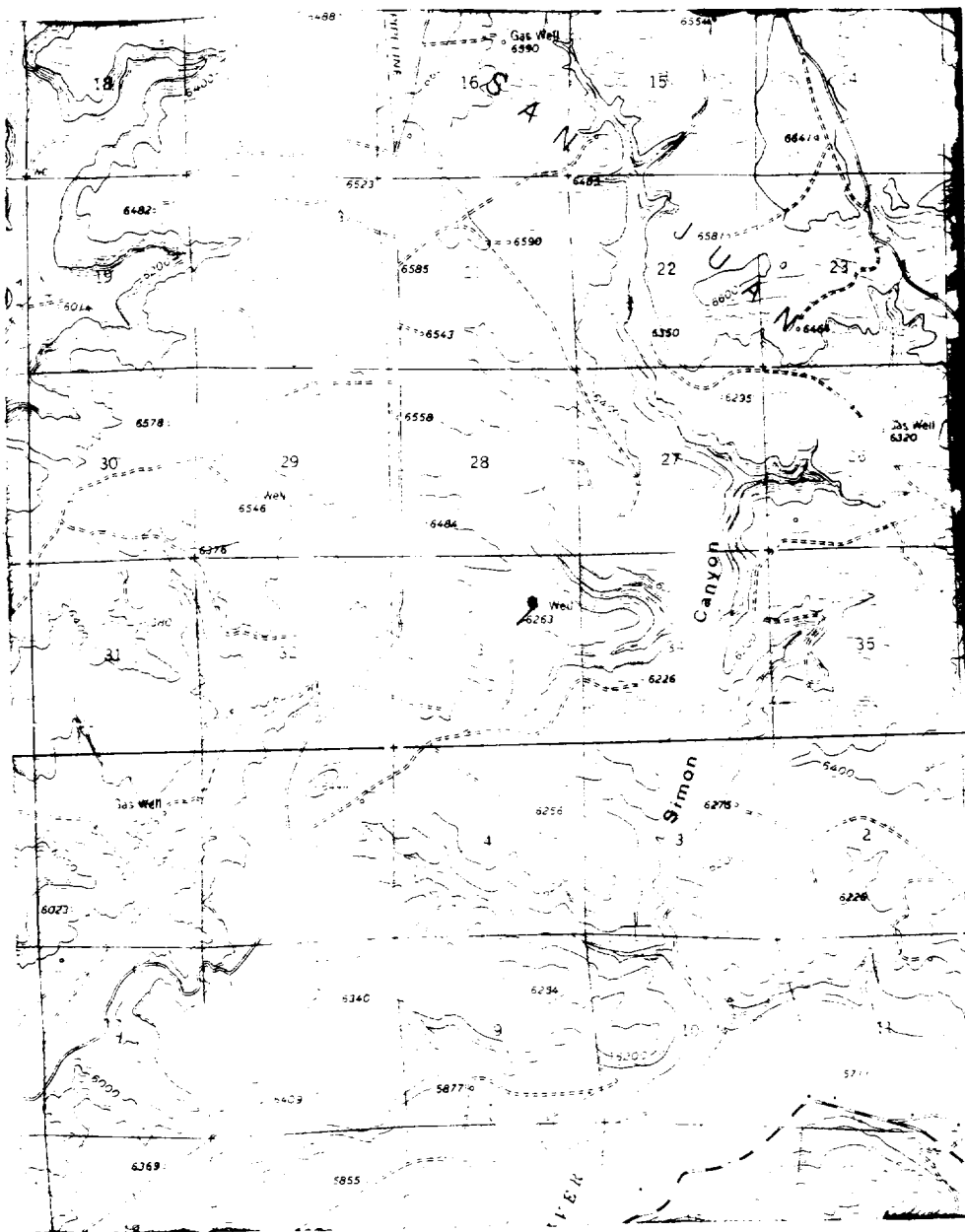
R. Howard Daggett

R. Howard Daggett

Certificate No.

9679

Truell D 353
NE 33, 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

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> X OTHER		6. LEASE DESIGNATION AND SERIAL NO. ST-078387
2. NAME OF OPERATOR Meridian Oil Inc.		7. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Post Office Box 4289, Farmington, NM 87499		8. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1040'N, 1840'E		9. FARM OR LEASE NAME Howell D
14. PERMIT NO.		10. WELL NO. 353
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6279'GL		11. FIELD AND POOL, OR WILDCAT Undes. Fruitland Coal
		12. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-31-N, R-08-W N.M.P.M.
		13. COUNTY OR PARISH San Juan
		14. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) 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.) *

05-20-88 Spudded well at 7:00 pm 05-20-88. Drilled to 228'. Ran 5 jts. 9 5/8", 36.0#, K-55 surface casing set at 228'. Cemented with 125 sks. Class "B" with 1/4#/sk. gel-flake and 3% calcium chloride (148 cu.ft.). Circulated to surface. WOC 12 hours. Tested 600#/30 minutes, held ok.

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

SIGNED [Signature] TITLE Drilling Clerk DATE 05-23-88

(This space for Federal or State office use)

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

*See Instructions on Reverse Side