

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

02 MAR 13 PM 3:16 30-039-2517.5

BLM FARMINGTON, NM

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

2. OPERATOR
MERIDIAN OIL INC.

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1190' FSL 790' FEL

5. LEASE NUMBER
SF-079266

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
VAUGHN 7623

9. WELL NO.
37

10. FIELD, POOL, OR WILDCAT
BLANCO 72319 MESA VERDE
11. SEC. T. R. M OR BLK.
SEC. 29 T26N R06W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
20 MILES N OF COUNSELORS

12. COUNTY 13. STATE
RIO ARRIBA NM

15. DISTANCE FROM
PROPOSED LOCATION 790'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
320.00

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 1200'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
5245' ROTARY

This action is subject to technical and
procedural review pursuant to 43 CFR 3185.3
and appeal pursuant to 43 CFR 3185.4.

OPERATIONS & DEPOSITIONS AUTHORIZED ARE
SUBJECT TO CONFORMANCE WITH APPLICABLE
"GENERAL REQUIREMENTS".

21. ELEVATIONS (DF, FT, GR, ETC.)
6385' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

RECEIVED

APR 6 1992

24. AUTHORIZED BY:

REG. DRILLING ENGR. OIL CON. DIV. 1
DIST. 3

3/9/92
DATE

"Approval of this action does

PERMIT NO. APPROVAL DATE

APPROVED BY. TITLE

APPROVED
AS AMENDED

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.

ARCH REPORT SUBMITTED 12/15/91

APR 01 1992
AREA MANAGER

10-21-1944

10-21-1944

10-21-1944

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

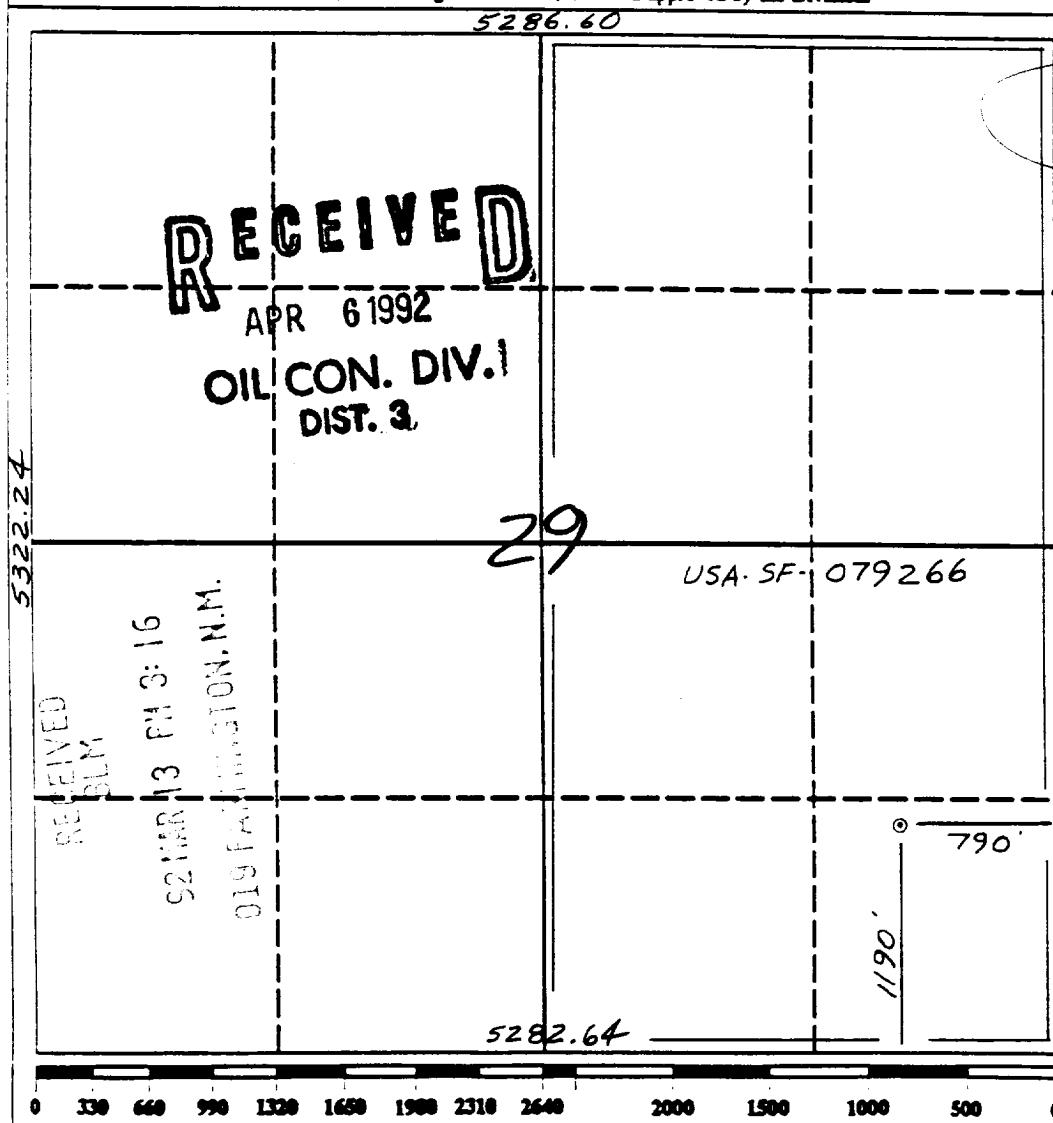
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Vaughn		Well No. 37
Unit Letter P	Section 29	Township 26 North	Range 6 West	County NMNM Rio Arriba
Actual Footage Location of Well: 1190 feet from the South line and 790 feet from the East line				
Ground level Elev. 6385'	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Peggy Bradfield

Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
J-9-92

Date

SURVEYOR CERTIFICATION

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.

11-22-91

Date Surveyed
Neale C. Edwards

Signature & Seal
Professional

6857

6857

Certificate No.

6857

100-400-110
3-11-68

General Well Data:

Well Name & Number--- Vaughn #37
Location----- SESE/4 Sec. 29, T-26-N, R-6-W
Surveyed Footages---- 1190'FSL, 790'FEL
County, State----- Rio Arriba County, NM
Field----- Blanco Mesa Verde
Formation----- Mesa Verde
Surveyed Elevation--- 6385'GL

Formation Tops:

San Jose-----	Surf	T/Huer. Bent-----	2995'
Ojo Alamo-----	1900'	T/N.C. Chacra-----	3060'
Kirtland-----	2065'	Chacra-----	3440'
Fruitland-----	2340'	T/Upper/Cl.H.-----	4200'
Furitland Coal Top---	2415'	T/Mass.Cl.H.-----	4250'
Furitland Coal Base--	2555'	Menefee-----	4262'
Pictured Cliffs-----	2560'	T/Mass P.L.-----	4815'
Lewis-----	2650'	T/Lower.P.L.-----	4965'
		Total Depth-----	5245'

BOP Specifications and Tests:**Surface to TD -**

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing
will be tested to 600 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

6" 3000 psi double gate BOP stack (Reference Figure #2).
After nipple-up prior to completion, pipe rams and casing top will be
tested to 3000 psi for 15 minutes.

Wellhead -

8 5/8" X 4 1/2" X 2 3/8" X 2000 psi tree assembly

General -

- * Pipe Rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- * An upper kelly cock valve and drill string safety valves to fit each drill string will be available on the rig floors at all times.
- * A BOP pit level drill will be conducted weekly for each drilling crew.
- * All of the BOP tests and drills will be recorded in the Daily Drilling Reports.
- * Blind and pipe rams will be equipped with extension hand wheels.

