

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25124
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

RECEIVED
OCT 7 1991

OIL CON. DIV.

2. OPERATOR
MERIDIAN OIL INC. DIST. 3

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

4. LOCATION OF WELL
1890'FNL 1575'FEL

5. LEASE NUMBER
SF-079050-C

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
SAN JUAN 28-6 UNIT

8. FARM OR LEASE NAME
SAN JUAN 28-6 UNIT

9. WELL NO.
437

10. FIELD, POOL, OR WILDCAT
BASIN 71629 FRUITLAND COAL

11. SEC. T. R. M OR BLK.
SEC. 28 T28N R06W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
8 MILES SW OF GOBERNADOR

12. COUNTY 13. STATE
RIO ARRIBA NM

15. DISTANCE FROM
PROPOSED LOCATION 1575'
TO NEAREST PROPERTY
OR LEASE LINE.

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

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 1000'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
3260' ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6406'GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: 
REG. DRILLING ENGR.

9/17/91
DATE

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE APPROVED
AS AMENDED

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3. OCT 04 1991

ARCH REPORT SUBMITTED 10/03/90


AREA MANAGER

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 - San Juan 28-6 Unit		Well No. 437
Unit Letter G	Section 28	Township 28 North	Range 6 West	County NMNM Rio Arriba	
Actual Footage Location of Well: 1890 feet from the North line and 1575 feet from the East line					
Ground level Elev. 6406'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 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).

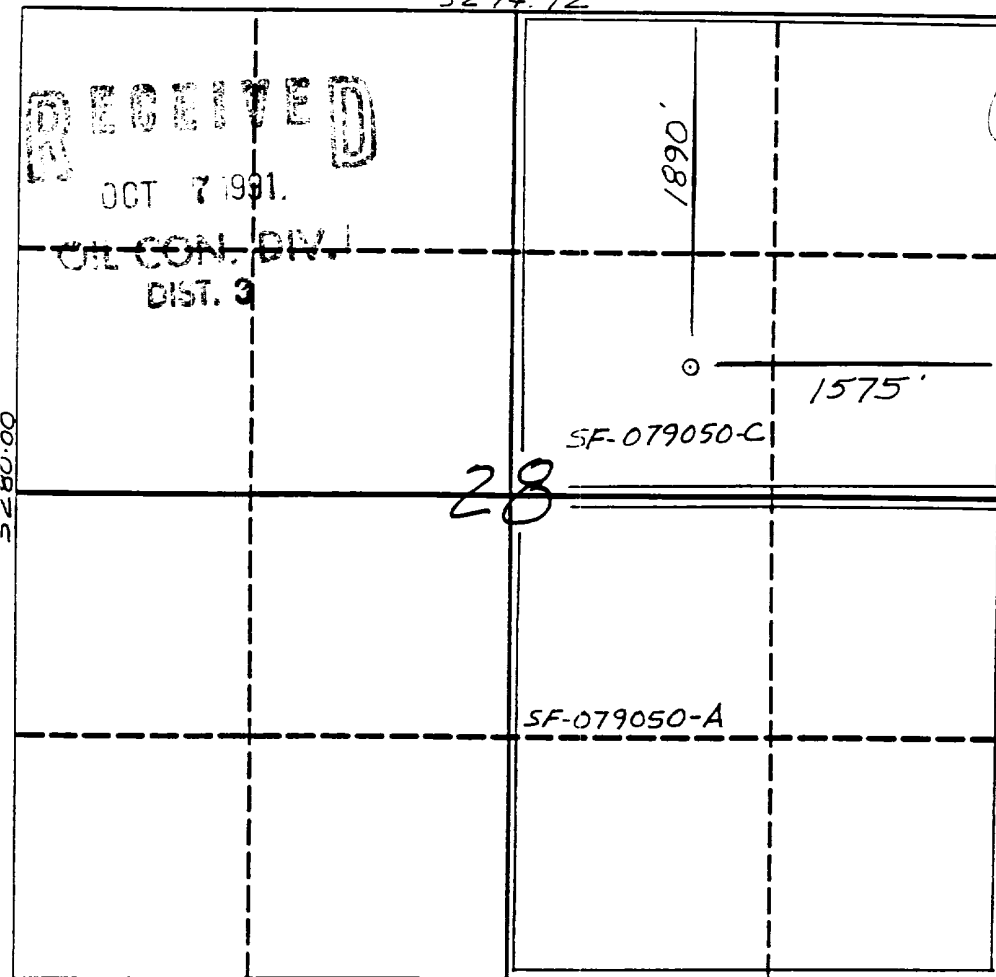
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation unitization

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 interest, has been approved by the Division.

5274.72



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

9-17-91

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes & 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. 9-18-90

Date Surveyed

Neale C. Edwards
Signature
Professional Surveyor



Certificate No.

Neale C. Edwards

Well Name: 437 SAN JUAN 28-6 UNIT 1890' FNL 1575' FEL
 Sec. 28 T28N R06W RIO ARRIBA NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6406' GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2407

Kirtland- 2567

Fruitland- 2990

Fruitland Coal Top- 3103

Fruitland Coal Base- 3204

Pictured Cliffs- 3212

Total Depth- 3260

Logging Program: Mud logs from 2990 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3260	Non-dispersed	8.4 - 9.5	30-60	no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-55
	7 7/8"	0 - 3260	4 1/2"	10.5#	K-55
Tubing Program:		0 - 3260	2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - guide shoe on bottom. Float valve one joint off bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2567' . Stage tool @ 2567' . Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly

Cementing:

8 5/8" surface casing - cement with 211 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

4 1/2" production casing - First stage: Lead with 70 sacks of 65/35 Class "B" pozmix with 6% gel, 2% CaCl₂, 5#/sack Gilsonite, and 1/4#/sack Flocele. Tail with 130 sacks Class "B" with 2% CaCl₂. Second Stage: Lead with 190.32 sacks of 65/35 Class "B" pozmix with 6% gel, 2% CaCl₂, 5#/sack Gilsonite, and 1/4#/sack Flocele. Tail with 60 sacks Class "B" with 2% CaCl₂. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC. for 30 minutes.

