

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-039-25283

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-079250	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
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2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 28-5 Unit 7460	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-5 Unit 9. Well Number 227	
4. Location of Well 935' FSL, 790' FWL Latitude 36° 40' 16", Longitude 107° 20' 03"	10. Field, Pool, Wildcat Basin Fruitland Coal / 71624 S. Blanco Plc. Cliffs 11. Sec., Twn, Rge, Mer. G085607D08 Sec 11, T-28-N, R-5-W NMPM	
14. Distance in Miles from Nearest Town 3 miles from Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	17. Acres Assigned to Well S/2 280.68; SW/4 140.51	
16. Acres in Lease 2433-700	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 180'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 4125'	22. Approx. Date Work will Start 2nd quarter 1993	
21. Elevations (DF, FT, GR, Etc.) 6960' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	Date: 6/1/93	

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted 1-5-93
Threatened and Endangered Species Report submitted 4-24-93
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

JUL 07 1993

DISTRICT MANAGER

Schedule to Applicants
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

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1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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070 FARMINGTON, NM

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

DISTRICT II
P.O. Drawer DD, Arama, 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 28-5 Unit		Well No. 227
Unit Letter M	Section 11	Township 28 North	Range 5 West	County NM, Rio Arriba
Actual Footage Location of Well: 935 feet from the South line and 790 feet from the West line				
Ground level Elev. 6960'	Producing Formation Fruitland Coal/Pic. Cliffs	Pool G. A. H. N. P. C. Basin/S. Blanco	Dedicated Acreage: 280.68/ Acres 140.51	
1. Outline the acreage dedicated to the subject well by colored pencil or ink 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 well 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.				

OPERATOR CERTIFICATION

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

Peggy Bradford
Signature

Peggy Bradford

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

5-27-93

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. 11-28-92

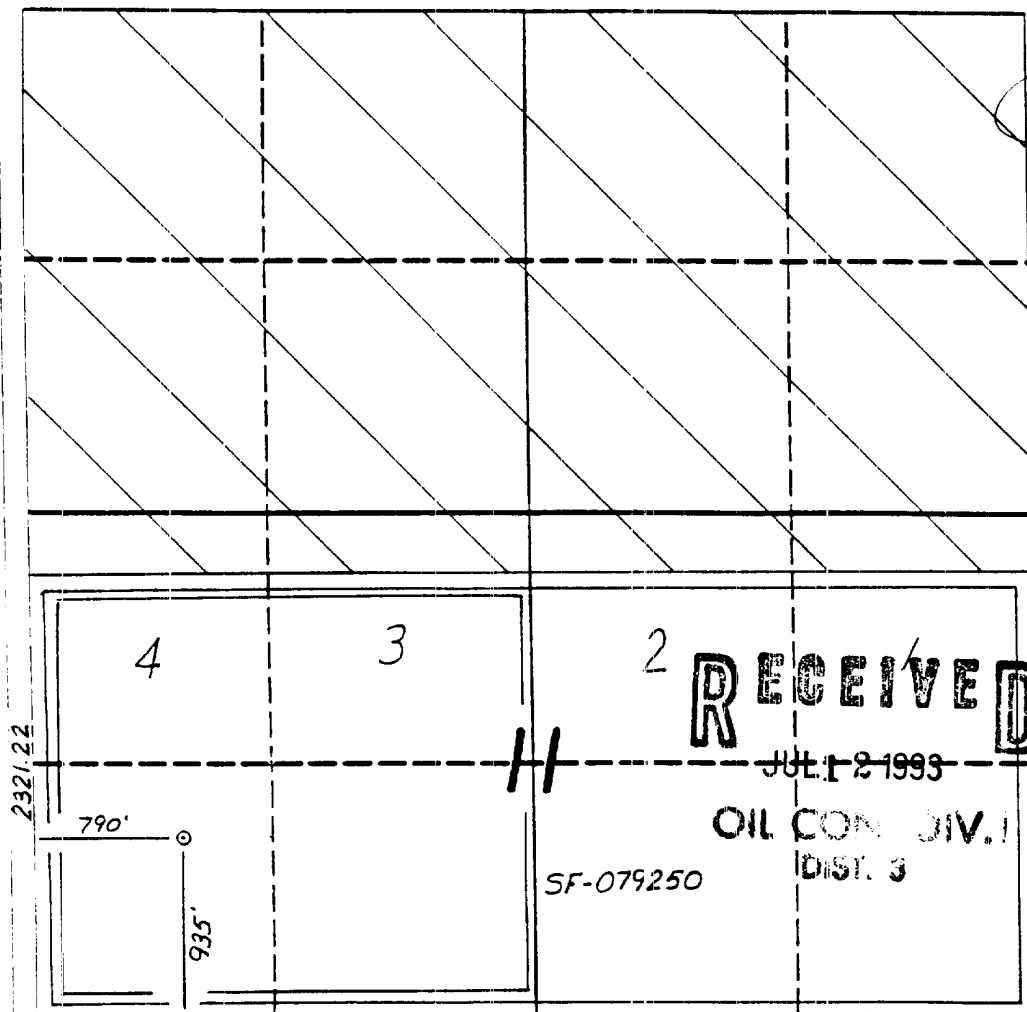
Date Surveyed
Needle C. Edwards

Signature of Surveyor
Professional Surveyor

9357

Case No.

6857



OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #227
Location: 935'FSL, 790'FWL Section 11, T-28-N, R-05-W
 Rio Arriba County, New Mexico
 Latitude 36° 40' 16", Longitude 107° 20' 03"
Formation: Basin Fruitland Coal/So. Blanco Pictured Cliffs
Elevation: 6968'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3240'	
Ojo Alamo	3240'	3382'	aquifer
Kirtland	3382'	3663'	
Fruitland	3663'	3908'	
Fruitland Coal Top	3740'	3905'	gas
Pictured Cliffs	3908'	4125'	gas
Total Depth	4125'		

Logging Program: Mud logs from 3663' to Total Depth.
 IND, Dens, Neut, GR, ML to TD.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4125'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 4125'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 4125'	2 3/8"	4.7#	J-55
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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 - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 3382'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3382'. 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.

