

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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JUN 13 1994 0:28

30-039-25427

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED JUN 20 1994	5. Lease Number SF-079521A
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name San Juan 28-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7460 San Juan 28-5 Unit 9. Well Number 235
4. Location of Well 1850' FSL, 1850' FWL Latitude 36° 37' 48", Longitude 107° 22' 00"		10. Field, Pool, Wildcat 71629 Basin Ft Coal/ S. Blanco Pic. Cliffs 11. Sec., Twn, Rge, Mer. K Sec 28, T-28-N, R-5-W NMMPM
14. Distance in Miles from Nearest Town 5 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1850'		
16. Acres in Lease	17. Acres Assigned to Well 320 S/2; 160 SW/4	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'		
19. Proposed Depth 3630'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6588' GR	22. Approx. Date Work will Start 3rd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached <i>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3166.4.</i>	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date <u>5/11/94</u>	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #181, January 6, 1993
Threatened and Endangered Species Report submitted by Ecosystem Control April 22, 1993
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED
JUN 18 1994

[Signature]
DISTRICT MANAGER

NMOCD

Schedule to Acquire
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
RECEIVED
JUN 10 1994

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

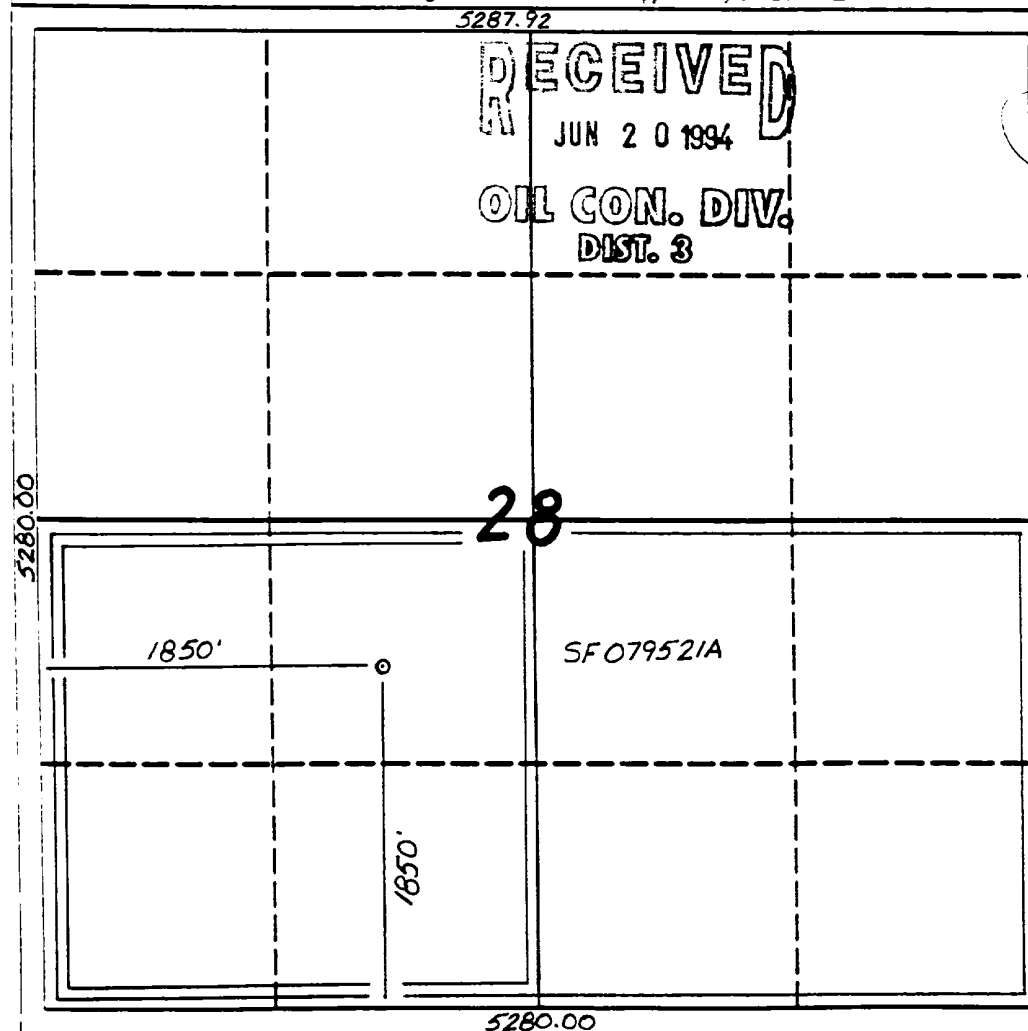
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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 28-5 Unit		Well No. 235
Unit Letter K	Section 28	Township 28 North	Range 5 West	County Rio Arriba
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the West line				
Ground level Elev. 6588'	Producing Formation Fruitland Coal/Pic. Cliffs	Pool Basin/S. Blanco	Dedicated Acreage: 320/160 Acres	
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 <u>unitization</u> 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.				



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
5-4-94
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.

11-22-92

Date Surveyed
C. EDWARDS
Name
C. EDWARDS
Signature
Professional Surveyor
6857
Certificate No.
6857

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #235
Location: 1850'FSL, 1850'FWL Section 28, T-28-N, R-05-W
 Rio Arriba County, New Mexico
 Latitude 36° 37' 48", Longitude 107° 22' 00"
Formation: Basin Fruitland Coal/So. Blanco Pictured Cliffs
Elevation: 6588'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2735'	
Ojo Alamo	2735'	2895'	aquifer
Kirtland	2895'	3185'	
Fruitland	3185'	3420'	
Fruitland Coal Top	3270'	3417'	gas
Pictured Cliffs	3420'	3574'	gas
Total Depth	3630'		

Logging Program: Mud logs from 2650' 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
200-3630'	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 - 3630'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 3630'	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 @ 2895'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2895'. 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" 2000 psi xmas tree assembly.

