

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

30-039-25262

MAR 19 1993

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-080516B	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	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 211	
4. Location of Well 1715' FSL, 1545' FWL Latitude 36° 39' 32", Longitude 107° 18' 49"	10. Field, Pool, Wildcat Basin Ft Coal 17/629 S. Blanco-PC EXT 85920 11. Sec., Twn, Rge, Mer. K Sec 13, T-28-N, R-5-W NMPM	
14. Distance in Miles from Nearest Town 4 miles to Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1545'	17. Acres Assigned to Well 343.45 S/2; 160 SW/4	
16. Acres in Lease 600.00	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 70'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 4665'	21. Elevations (DF, FT, GR, Etc.) 7531' GL	
23. Proposed Casing and Cementing Program See Operations Plan attached	22. Approx. Date Work will Start 1st quarter 1994	
24. Authorized by:  Regional Drilling Engineer	Date 11/8/93	

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OIL CON. DIV.
DIST. 3

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NMOCD

APPROVED
AS AMENDED

MAR 22 1994
DISTRICT MANAGER

School to Assembly
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

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

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

DISTRICT II
P.O. Drawer 00, Arama, NM 88210

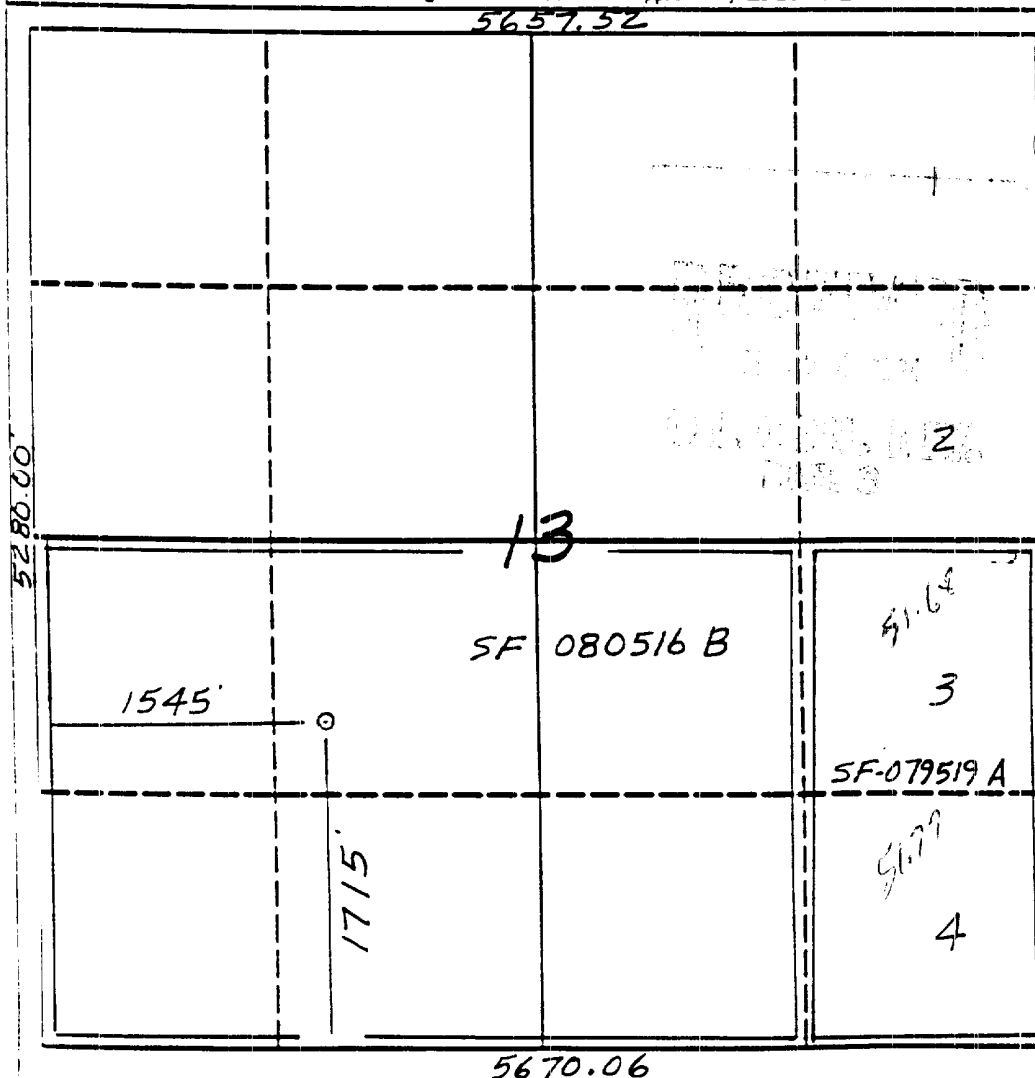
DISTRICT III
1000 Rio Arriba Rd., Alamogordo, NM 87410

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. 211
Unit Letter K	Section 13	Township 28 North	Range 5 West	County NMED Rio Arriba
Actual Footage Location of Well: 1715 feet from the South line and 1545 feet from the West line				
Ground level Elev. 7531'	Producing Formation Fruitland Coal/Pic.Cliffs	Pool Basin/S. Blanco	Dedicated Acreage 343.45/160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or inkline 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, lease-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, lease-pooling, or otherwise) or until a non-standard unit, encompassing 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 Representative
Position
Meridian Oil Inc.
Company
11-4-93
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.

9-10-93
Date Surveyed
C. EDWARDS
Name of Surveyor
C. EDWARDS
Signature of Professional Surveyor
6857
Professional Surveyor
6857
Certificate No.

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #211
Location: 1715'FSL, 1545'FWL Section 13, T-28-N, R-5-W
 Rio Arriba County, New Mexico
 Latitude 36° 39' 32", Longitude 107° 18' 49"
Formation: Basin Fruitland Coal/S.Blanco Pictured Cliffs
Elevation: 7531'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3795'	
Ojo Alamo	3795'	4010'	aquifer
Kirtland	4010'	4230'	
Fruitland	4230'	4492'	
Fruitland Coal Top	4360'	4490'	gas
Pictured Cliffs	4492'	4620'	gas
Lewis	4620'		
Total Depth	4665'		

Logging Program: Mud logs from 4220' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3750' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4665'	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 - 4665'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 4665'	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 @ 4010'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 4010'. 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.