

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-034-25365

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079520A	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 145-38	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 236	
4. Location of Well 285' FSL, 955' FWL Latitude 36° 37' 31", Longitude 107° 20' 01"	10. Field, Pool, Wildcat 71629 Basin Ft Coal/ S. Blanco Pic. Cliffs EXT 11. Sec., Twn, Rge, Mer. M Sec 26, T-28-N, R-5-W NMPM	
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 285'	17. Acres Assigned to Well 320 S/2; 160 SW/4	
16. Acres in Lease 1209.120	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 250'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 3740'	22. Approx. Date Work will Start 4th quarter 1993	
21. Elevations (DF, FT, GR, Etc.) 6728' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>J. Caldwell</i> Regional Drilling Engineer	OIL CON. DIV. 10/12/93 DIST. 3 Date	

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

APPROVED
AS AMENDED

Archaeological Report submitted by Arboles Contract Archaeology 04-08-93 Technical Report #227
Threatened and Endangered Species Report submitted 04-28-93.
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

MAR 22 1994

DISTRICT MANAGER

Hold C-104 For Ft Coal & PC NISL

Submit to Assessor
District Office
State Lands - 4 copies
Fee Lands - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

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BLM Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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670 ALBUQUERQUE, NM

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

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

DISTRICT III
1000 Rio Grande Rd., Alamogordo, NM 87430

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

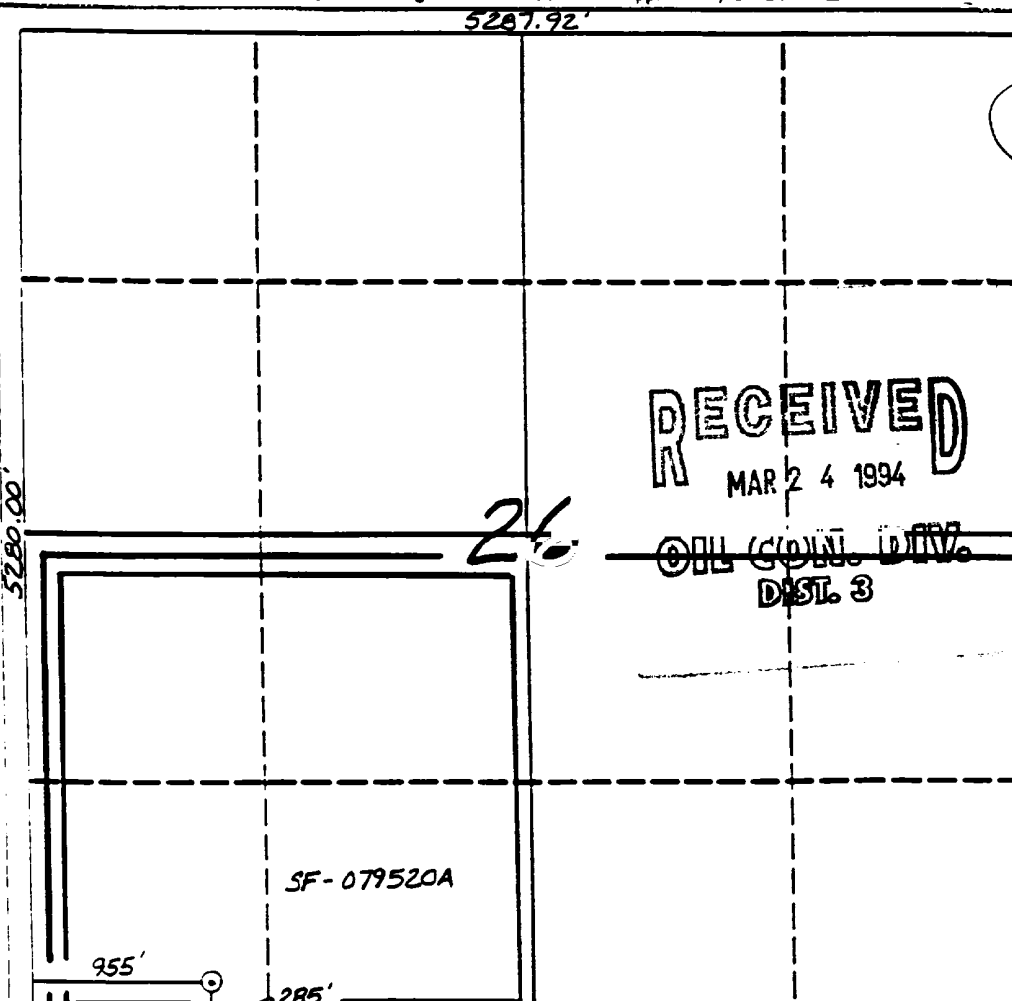
Operator Meridian Oil Inc.		Lease San Juan 28-5 Unit		Well No. 236
U.S. Letter M	Section 26	Township 28 North	Range 5 West	County Rio Arriba
Admit Footage Location of Well: 285 feet from the South line and 955 feet from the West line				
Ground level Elev. 6728'	Forming Formation Fruitland Coal/Pic. Cliffs	Pool Basin/Se. Blanco	Dedicated Acreage 320/160 Acres	

- Outline the acreage dedicated to the subject well by corner point or section 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 commutation, unitization, joint-pooling, etc.?

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

If answer is "no" list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowance will be assigned to the well until all interests have been consolidated (by commutation, joint-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 Representative

Position

Meridian Oil Inc.

Company

10-9-93

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.

3-9-93

Date Surveyed C. EDWARDS

Neal C. Edwards

Signature of Surveyor
Professional Surveyor

9857

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #236
Location: 285'FSL, 955'FWL Section 26, T-28-N, R-05-W
 Rio Arriba County, New Mexico
 Latitude 36° 37' 31", Longitude 107° 20' 01"
Formation: Basin Fruitland Coal/S.Blanco Pictured Cliffs
Elevation: 6728'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2955'	
Ojo Alamo	2955'	3110'	aquifer
Kirtland	3110'	3385'	
Fruitland	3385'	3595'	
Fruitland Coal Top	3435'	3585'	gas
Pictured Cliffs	3595'	3825'	gas
Lewis	3825'		
Total Depth	3740'		

Logging Program: Mud logs from 3350' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3350' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3740'	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 - 3740'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 3740'	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 @ 3110'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3110'. 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.

MERIDIAN OIL INC
SAN JUAN 28-5 UNIT #236

T 28 N, R 5 W

No New Construction

Section 26: SWSW	900'	Section 20: S2SE	2600'
34: N2NE	3200'	NWSE	500'
27: S2SW	2500'	N2SW	1500'
28: NWNW	1100'	S2SW	1300'
21: SWSW	900'	19: NESE	2300'
		E2NE	2700'
		18: E2E2	5500'
		7: NESE	1200'
		8: NWNW	500'

