

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079519A-077250
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 242
4. Location of Well 1575' E3L, 215' FWL Latitude 36° 40' 24", Longitude 107° 19' 08"	10. Field, Pool, Wildcat 7744 Basin Ft Coal / 7/6/29 S. Blanco PC GOVERNADOR-PC-EXT 11. Sec., Twn, Rge, Mer. M Sec 12, 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 215'	
16. Acres in Lease 2453.700	17. Acres Assigned to Well 299.04 S/2; 139.63 SW/4
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 700'	
19. Proposed Depth 4565' DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7418' GL	22. Approx. Date Work will Start 1st quarter 1994
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date 11/8/93

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED

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

NSA-3385 (NSP) 9

NMOCD

MAY 04 1994
[Signature]
DISTRICT MANAGER

Submit to Accompany:-
District Office
State License - 4 copies
Fee License - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182-
Revision 1-1-80

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 St., Alamogordo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Section San Juan 28-5 Unit			Well No. 242		
Unit Letter M	Section 12	Township 28 North	Range 5 West	County Rio Arriba				
Adjoin Footage Location of Well:								
1575 feet from the South line and			215 feet from the West line					
Ground level Elev. 7418			Fruitland Coal/Pictured Cliffs			Basin/S. Blanco		
			GOBERNADOR EXT			Distance Acreage 299.04/139.63 Acres		

1. Outline the acreage dedicated to the subject well by concrete points or location 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

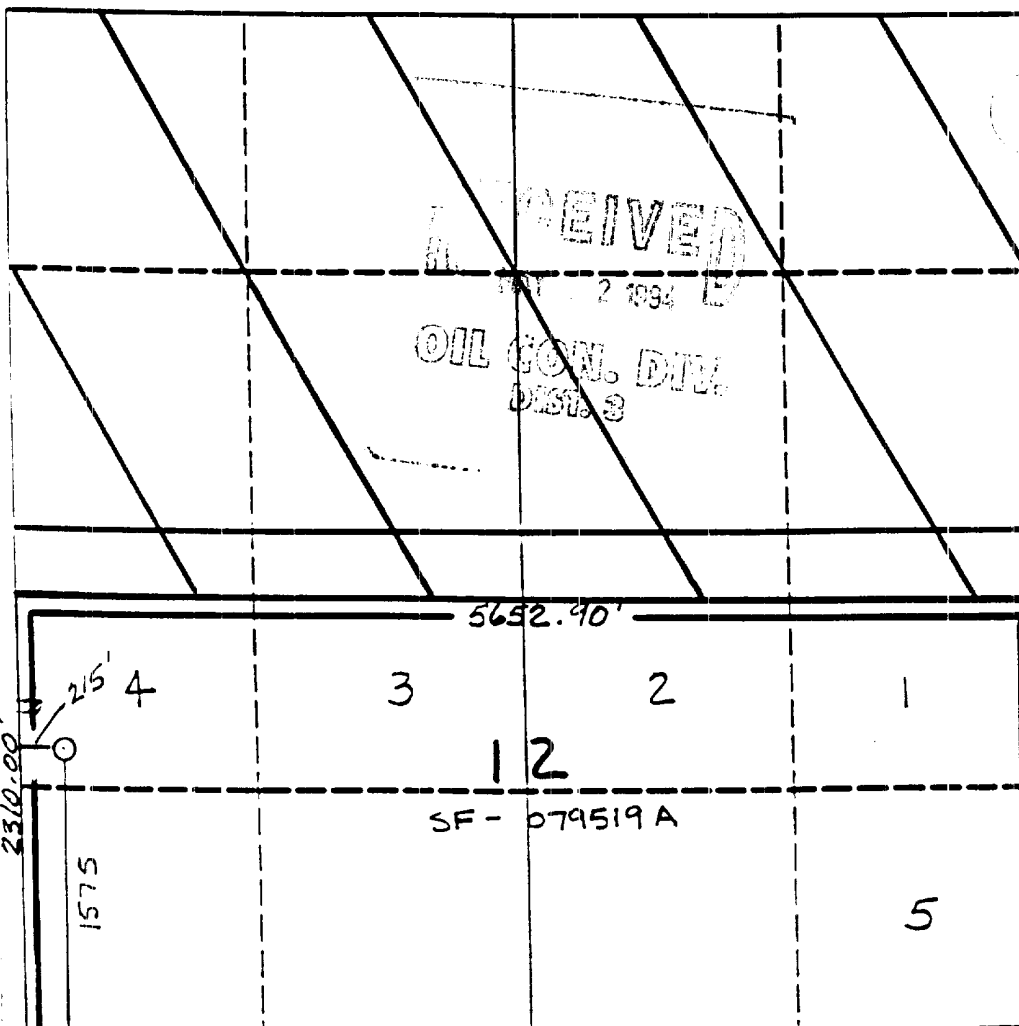
☐ No

If answer is "yes" type of consolidation

unitization

If answer is "no" list the owners and 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 communitization, unitization, force-pooling, or otherwise) or until a non-consolidated unit, encompassing such interests, 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. 10-9-93

Date Surveyed

C. EDWARDS

Needle Creek

Professional Surveyor

9857

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #242
Location: 1575'FSL, 215'FWL Section 12, T-28-N, R-5-W
 Rio Arriba County, New Mexico
 Latitude 36° 40' 24", Longitude 107° 19' 08"
Formation: Basin Fruitland Coal/S.Blanco Pictured Cliffs
Elevation: 7418'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3740'	
Ojo Alamo	3740'	3895'	aquifer
Kirtland	3895'	4140'	
Fruitland	4140'	4390'	
Fruitland Coal Top	4205'	4385'	gas
Pictured Cliffs	4390'	4520'	gas
Lewis	4520'		
Total Depth	4565'		

Logging Program: Mud logs from 4100' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3700' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4565'	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 - 4565'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 4565'	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 @ 3895'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3895'. 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.

