

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

30-039-25381

APR 11 PM 1:15

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079729
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 28-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7459 San Juan 28-4 Unit 9. Well Number 17R
4. Location of Well 1505' FNL, 950' FEL Latitude 36° 38' 59", Longitude 107° 16' 02"	10. Field, Pool, Wildcat Basin Ft Coal/ 71629 Governador Pic. Cliffs EXT 74960 11. Sec., Twn, Rge, Mer. H Sec 20, T-28-N, R-4-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 950'	17. Acres Assigned to Well 320/160 N/2; NE/4
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 70'	
19. Proposed Depth 4520'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7330'	22. Approx. Date Work will Start 2nd quarter 1994
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	2/28/94 Date

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Arboles Contract Archaeology Technical Report 132-44

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

MAR 31 1994
D. R. B. S. B.
DISTRICT MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

REC-102
Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Sanita Fe, New Mexico 87504-2088

94 MAR 11 PM 1:15

OFFICE OF THE ATTORNEY GENERAL

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

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

DISTRICT III
1000 Rio Grande 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 28-4 Unit		Well No. 17R
Unit Letter H	Section 20	Township 28 North	Range 4 West	County NM/PA Rio Arriba	
Actual Foreign Location of Well:					
1505 feet from the North line and		950 feet from the East line			
Ground level Elev. 7330'	Producing Formation Fruitland Coal/Pic.Cliffs	Pool Basin/Gobernador	CHABA MESA EXT		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 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, 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 Representative

Position

Meridian Oil Inc.

Company

2-22-94

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.

10-6-92

Date Surveyed
NEEDS C. EDWARDS

Signature of Surveyor
Professional Surveyor

9857

California No.

6857

RECEIVED
APR 04 1994
OIL CON. DIV.
DIST. 3

OPERATIONS PLAN

Well Name: San Juan 28-4 Unit #17R
Location: 1505'FNL, 950' FEL Section 20, T-28-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude 36° 38' 59", Longitude 107° 16' 02"
Formation: Basin Fruitland Coal/Gobernador Pictured Cliffs
Elevation: 7330'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3605'	
Ojo Alamo	3605'	3815'	aquifer
Kirtland	3815'	4085'	
Fruitland	4085'	4325'	
Fruitland Coal Top	4095'	4300'	gas
Pictured Cliffs	4325'	4510'	gas
Lewis	4510'		
Total Depth	4520'		

Logging Program: Mud logs from 3550' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3550' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4520'	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 - 4520'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 4520'	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 @ 3815'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3815'. 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.

CARSON
NATIONAL
FOREST

MERIDIAN OIL INC
SAN JUAN 28-4 UNIT #17R

T 28 N, R 4 W
No New Construction

T 28 N, R 5 W

Section 13:	N2S2	6100'
	SESW	500'
	SWNW	600'
14:	E2NE	2500'
11:	SESE	850'
	NESE	600'
12:	W2SW	500'

T 29 N, R 5 W

Section 35:	SESE	800'
	W2E2	5200'
26:	SWSE	1600'
	NWSE	100'
	NWSE	1400'
	S2NW	1900'
27:	SENE	1350'
28:	NWNW	1400'
29:	N2NE	1700'

APD MAP #1