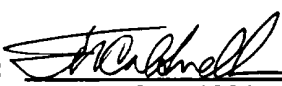


Se
Grid 14538
Prop 7460
Pool 71629, 66725

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED JUN 1 8 1993	5. Lease Number SF-079250
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL	OIL CON. DIV.	7. Unit Agreement Name San Juan 28-5 Unit
DIST. 3		
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name San Juan 28-5 Unit
		9. Well Number 232
4. Location of Well 1490' FSL, 610' FWL Latitude 36° 38' 37", Longitude 107° 19' 01"		10. Field, Pool, Wildcat Basin Ft Coal/ Se. Blanco Pic. Cliffs
		11. Sec., Twn, Rge, Mer. Sec 24, T-28-N, R-5-W NMPM
14. Distance in Miles from Nearest Town 5 miles to Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 610'		
16. Acres in Lease 1917.280	17. Acres Assigned to Well 344.45 160.00 State	
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 200'		
19. Proposed Depth 4450'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7317' GR	22. Approx. Date Work will Start 2nd quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: 	6/4/93 Date	
Regional Drilling Engineer		

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

Archaeological Report submitted 5-17-93
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

**APPROVED
AS AMENDED**

JUN 15 1993

DISTRICT MANAGER

C-104 Fee NSL (S)

Schedule to Applicants
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED Form C-102
BLM Revised 1-1-89

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

93 JUN 10 PM 3:21

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

070 FARMINGTON, NM

DISTRICT
1000 Rio Grande S.E., 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.	232
U.S. Lat.	Section	Township	Range	County	
L	24	28 North	5 West	NM	Rio Arriba
Actual Footage Location of Well:					
1490	feet from the	South	line and	610	feet from the
Ground level Elev.	Producing Formation	Pool			Dedicated Acreage
7317'	Fruitland Coal/Pic. Cliffs	Basin/So. Blanco			344.45/160

- Outline the acreage dedicated to the subject well by colored pencil or ink 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, 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 allotments 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, encompassing such interest, has been approved by the Division.

5670.06'

RECEIVED

JUN 18 1993

OIL CON. DIV
DIST. 3

2

24

SF-079250

610'

1490'

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

6-3-93

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed 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. 12-17-92

Date Surveyed

C. EDWARDS

NEAL C. EDWARDS

Signature
Professional Surveyor

9357

June 3, 1993

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #232
Location: 1490'FSL, 610'FWL Section 24, T-28-N, R-05-W
 Rio Arriba County, New Mexico
 Latitude 36° 38' 37", Longitude 107° 19' 01"
Formation: Basin Fruitland Coal/So.Blanco Pictured Cliffs
Elevation: 7317'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3500'	
Ojo Alamo	3500'	3760'	aquifer
Kirtland	3760'	3980'	
Fruitland	3980'	4248'	
Fruitland Coal Top	4160'	4240'	gas
Pictured Cliffs	4248'	4450'	gas
Total Depth	4450'		

Logging Program: Mud logs from 3950' 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
200-4450'	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 - 4450'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 4450'	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 @ 3760'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3760'. 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" 3000 psi xmas tree assembly.

