

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

0 MAY -6 PM 7:30

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-097-25402

1a. Type of Work DRILL	RECEIVED MAY 18 1994	5. Lease Number SF-078886
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name Canyon Largo Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 6886 Canyon Largo Unit 9. Well Number 434
4. Location of Well 1190'FSL, 1190'FWL Latitude 36° 17' 34", Longitude 107° 29' 45"		10. Field, Pool, Wildcat 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. M Sec 20, T-24-N, R-6-W NMMP
14. Distance in Miles from Nearest Town 5 miles to Lybrook	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'		
16. Acres in Lease	17. Acres Assigned to Well 320 w/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 450'		
19. Proposed Depth 6700'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6615'	22. Approx. Date Work will Start 2nd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by:  Regional Drilling Engineer	Date <u>4/19/94</u>	

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

**APPROVED
AS AMENDED**

MAY 16 1994


DISTRICT MANAGER

NMOCD

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

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
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 DD, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		Lease		Well No.	
Meridian Oil Inc.		Canyon Largo Unit		434	
Unit Letter	Section	Township	Range	County	
M	20	24 North	6 West	NM/MN	Rio Arriba
Actual Footage Location of Well:					
1190 feet from the South line and		1190 feet from the West line			
Ground level Elev.	Producing Formation	Pool	Dedicated Acreage		
6615'	Dakota	Basin	320 Acres		

- 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 allowable well 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

Date
4-19-94

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.

Date Surveyed
C. EDWARDS
Signature
Professional Surveyor
3357

6857

April 19, 1994

OPERATIONS PLAN

Well Name: Canyon Largo Unit #434
Location: 1190'FSL, 1190'FWL Section 20, T-24-N, R-6-W
 Rio Arriba County, New Mexico
 Latitude 36° 17' 34", Longitude 107° 29' 45"
Formation: Basin Dakota
Elevation: 6615'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1430'	
Ojo Alamo	1430'	1555'	aquifer
Kirtland	1555'	1855'	
Fruitland	1855'	1990'	gas
Pictured Cliffs	1990'	2085'	gas
Lewis	2085'	2820'	
Chacra	2820'	3530'	salt water
Cliff House	3530'	3590'	salt water
Menefee	3590'	4260'	
Point Lookout	4260'	4450'	
Mancos	4450'	5240'	
Gallup	5240'	5510'	gas & oil
Tocito	5510'	6230'	
Greenhorn	6230'	6280'	gas & oil
Graneros	6280'	6320'	
Dakota	6320'	6542'	gas & oil
Burro Canyon	6542'	6620'	
Morrison	6620'		salt water
Total Depth	6700'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - surface to TD.
 Coring - none
 DST - none
 Electric logs - IEL/SP/GR; Density/Neut/GR; Microlog-GR; Numar;
 Dig.Sonic

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-6700'	LSND	8.4-9.1	30-60	no control

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	8 5/8"	24.0#	K-55
7 7/8"	0' - 6700'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 6700' 2 3/8" 4.7# J-55 EUE

