

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-25379

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1a. Type of Work DRILL	5. Lease Number SF-078882	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	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 Canyon Largo Unit 9. Well Number 415	
4. Location of Well 1795' FNL, 1625' FEL Latitude 36° 23' 15", Longitude 107° 30' 15"	10. Field, Pool, Wildcat 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. G Sec 19, T-25-N, R-6-W NMMPM	
14. Distance in Miles from Nearest Town 15 mls to Counselors	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1625'	17. Acres Assigned to Well 320 E/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drilling Control, or Applied for on this Lease 250'	
19. Proposed Depth 7360'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6796' GR	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	Date 3/1/94	

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

WOCO

APPROVED
AS AMENDED

Archaeological Report submitted by Arboles Contract Archaeology Techn. Report #384 12-27-93

Threatened and Endangered Species Report to be submitted

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

APR 26 1994

DISTRICT MANAGER

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-88
BLM

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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070 TOWN, COUNTY, NM

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

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

DISTRICT III
1000 Rio Benito Rd., Artes, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Canyon Largo Unit		Well No. 415
Unit Letter G	Section 19	Township 25 North	Range 6 West	County NM/BLM	Rio Arriba
Actual Footage Location of Well: 1795' feet from the North line and 1625' feet from the East line					
Ground level Elev. 6796'	Producing Formation Dakota	Pool Basin	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or ballpoint marker 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).

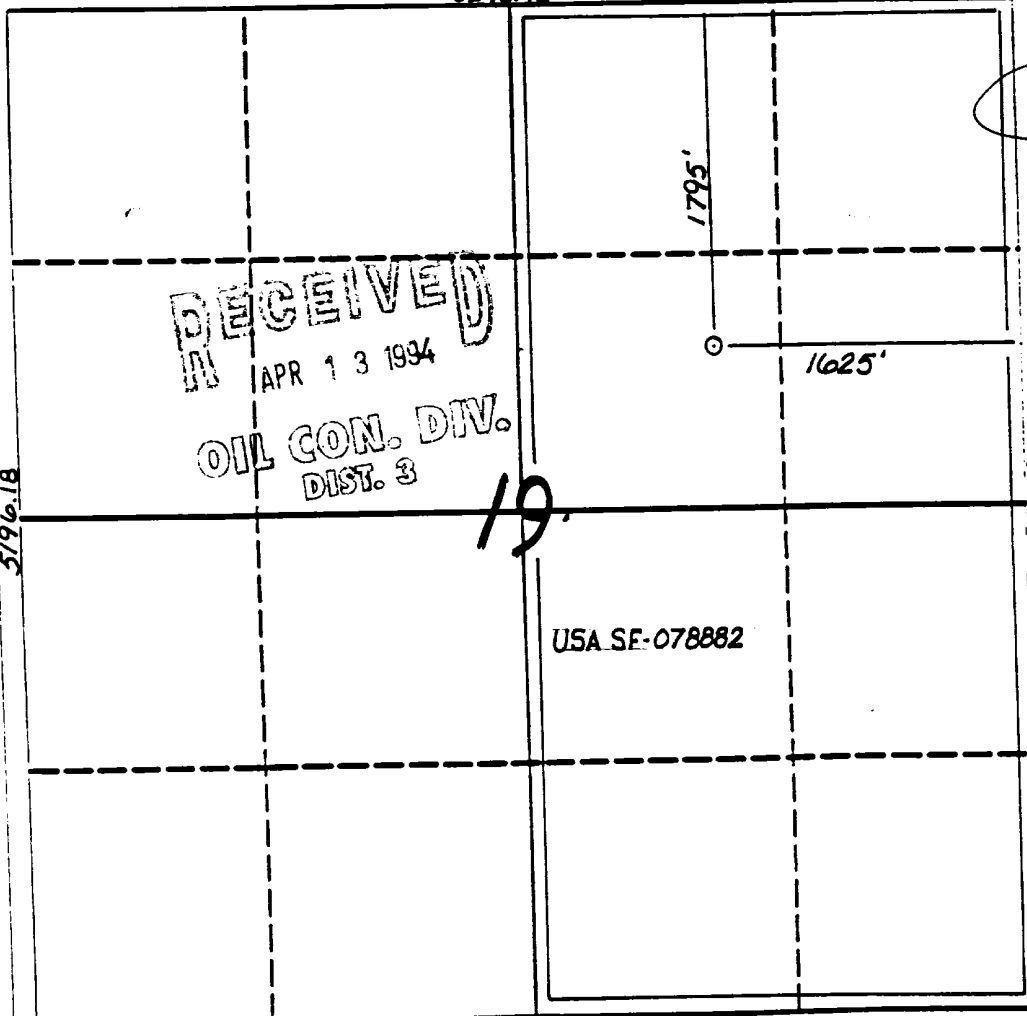
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unknown, forced-pooling, etc.?

☒ 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 allowance will be assigned to the well until all interests have been consolidated (by communitization, unknown, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

5298.48



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

2-28-94

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.

10-8-93

Date Surveyed

C. Edwards
Name

Professional Surveyor

9857

Consent No.

6857

OPERATIONS PLAN

Well Name: Canyon Largo Unit #415
Location: 1795'FNL, 1625'FEL Section 19, T-25-N, R-6-W
 Rio Arriba County, New Mexico
 Latitude 36° 23' 15", Longitude 107° 30' 15"
Formation: Basin Dakota
Elevation: 6796'GL

<u>Formation</u> <u>Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1950'	
Ojo Alamo	1950'	2080'	aquifer
Kirtland	2080'	2480'	
Fruitland	2480'	2720'	gas
Pictured Cliffs	2720'	2800'	gas
Lewis	2800'	3520'	
Chacra	3520'	4230'	salt water
Cliff House	4230'	4300'	salt water
Menefee	4300'	4900'	
Point Lookout	4900'	5000'	
Mancos	5000'	6010'	
Gallup	6010'	6550'	gas & oil
Juana Lopez	6550'	6860'	
Greenhorn	6860'	6920'	gas & oil
Graneros	6920'	6960'	
Dakota	6960'	7166'	gas & oil
Burro Canyon	7166'	7300'	
Morrison	7300'		salt water
Total Depth	7360'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 1900'-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
200-7360'	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' - 7360'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 7360' 2 3/8" 4.7# J-55 EUE

FEE LANDS & EXISTING ROW's

MERIDIAN OIL INC

CANYON LARGO UNIT #415

T 25 N, R 06 W

150' New Construction

Section 19: SWNE		Section 31: S2NE	
T26N, R6W	900'	T26N, R6W	2400'
NWSE	800'	NWNE	800'
NESE	300'		
S2NW	1700'		
NWNV	1400'	T26N, R7W	
18: N2N2	5800'	24: NENE	900'
17: NWNV	300'	13: S2SE	1900'
8: SWSW	1000'	NESE	1400'
E2SW	2600'	SENE	1600'
SENV	1100'		
SWNE	1900'		
NENE	1600'		
9: NWNV	1100'		
4: W2W2	7000'		
5: SESE	1100'		

Remaining BLM Roads are covered by existing ROW's NM 86617 & NM 71308.

APD MAP #1

