

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 FEB 27 1995 OIL & GAS DIV.	5. Lease Number SF-078881
1b. Type of Well GAS		Unit Reporting Number
2. Operator MERIDIAN OIL 14538	6. If Indian, All. or Tribe	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 427
4. Location of Well 900' FSL, 2215' FWL Latitude 36° 24' 38", Longitude 107° 32' 41"	10. Field, Pool, Wildcat Basin Dakota 71594	11. Sec., Twn, Rge, Mer. (NMPM) Sec 11, T-25-N, R-7-W API # 30-039-25484
14. Distance in Miles from Nearest Town 24 miles southeast of Blanco, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 900'	17. Acres Assigned to Well W/2 320	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2300'	22. Approx. Date Work will Start 2nd quarter 1995	
19. Proposed Depth 6960'	23. Proposed Casing and Cementing Program See Operations Plan attached This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	
21. Elevations (DF, FT, GR, Etc.) 6408' GR	24. Authorized by: <u>[Signature]</u> Regional Drilling Engineer	

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

1/10/95
Date

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

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #661 dated 11-25-94
Threatened and Endangered Species Report submitted by Ecosphere dated 11-25-94
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

**APPROVED
AS AMENDED**

FEB 23 1995

DISTRICT MANAGER

AMOC

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-1
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLATFORM

API Number <u>30-039-25484</u>		Pool Code <u>71599</u>	Pool Name <u>Basin Dakota</u>
Property Code <u>6886</u>	Property Name <u>Canyon Largo Unit</u>		Well Number <u>427</u>
OGRID No. <u>14538</u>	Operator Name <u>Meridian Oil Inc.</u>		Elevation <u>6408'</u>

10 Surface Location

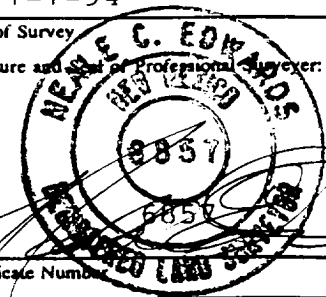
UL or lot no. <u>N</u>	Section <u>11</u>	Township <u>25 N</u>	Range <u>7 W</u>	Lot Idn	Feet from the <u>900</u>	North/South line <u>SOUTH</u>	Feet from the <u>2215</u>	East/West line <u>WEST</u>	County <u>R.A.</u>
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres <u>W/320</u>	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

5230.50	16	<u>5318.28</u>	REVISED LOCATION	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Peggy Bradfield</u> Signature <u>Peggy Bradfield</u> Printed Name <u>Regulatory Affairs</u> Title <u>1-6-95</u> Date 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief. <u>11-1-94</u> Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number
		<u>SF-078881</u>		
		<u>11</u>		
		<u>2215'</u>	<u>900'</u>	

5194.20'

January 9, 1995

OPERATIONS PLAN

Well Name: Canyon Largo Unit #427
Location: 900' FSL, 2215' FWL Section 11, T-25-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 24' 38", Longitude 107° 32' 41"
Formation: Basin Dakota
Elevation: 6408' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	Nacimiento	1580'	
Ojo Alamo	1580'	1730'	aquifer
Kirtland	1730'	2210'	
Fruitland	2210'	2310'	gas
Pictured Cliffs	2310'	2400'	gas
Lewis	2400'	3140'	
Chacra	3140'	3840'	
Massive Cliff House	3840'	3930'	
Menefee	3930'	4550'	
Massive Pt. Lookout	4550'	4830'	gas
Mancos	4830'	5650'	
Gallup	5650'	6515'	gas & oil
Greenhorn	6515'	6600'	gas & oil
Graneros	6600'	6620'	
Dakota	6620'	6840'	gas
Burro Canyon/Encinal	6840'	6845'	gas
Morrison	6845'		salt water
Total Depth	6960'		

Logging Program:

Mud Logs/Coring/DST -

Mud logs - 5600' to TD.

Coring - none

DST - none

Electric logs - DIL/SP/GR; Density/Neut/GR; Microlog-GR;

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-6960'	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' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 6960'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 6960' 2 3/8" 4.7# J-55 EUE

