

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 20 1995

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OIL CON. DIV.
DIST. 3

1a. Type of Work DRILL	5. Lease Number SF-078879
1b. Type of Well GAS	Unit Reporting Number SF-078879
2. Operator MERIDIAN OIL 14538	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name Canyon Largo Unit
4. Location of Well 1510'FNL, 1615'FEL Latitude 36° 23' 17", Longitude 107° 31' 19"	8. Farm or Lease Name 6886 Canyon Largo Unit
	9. Well Number 447
	10. Field, Pool, Wildcat 17610 Devils Fork Gallup EXT 71599 Basin Dakota
	11. Sec., Twn, Rge, Mer. (NMPM) G Sec 24, T-25-N, R-7-W API # 30-039- 30-039-25480
14. Distance in Miles from Nearest Town 24 miles south of Blanco, NM	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1510'	
16. Acres in Lease	17. Acres Assigned to Well 320 E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 100'	
19. Proposed Depth 7330'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6915'GR	22. Approx. Date Work will Start 2nd quarter 1995
23. Proposed Casing and Cementing Program See Operations Plan attached This action is subject to technical and procedural review pursuant to 43 CFR 3166.3 and appeal pursuant to 43 CFR 3166.4.	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date <i>1/10/95</i>

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

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #604 dated 10-25-94
Threatened and Endangered Species Report submitted by Ecosphere dated 10-25-94
NOTE: This format is issued in lieu of U.S. BLM Form 3160-

Hold C-104 For Gallup NSL @

NMOCD

APPROVED
AS AMENDED
JAN 13 1995
District Manager

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-102
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 PLAT

API Number <i>30-039-25480</i>	Pool Code 17610/71599	Pool Name <i>EXT</i> Devils Fork Gallup Basin Dakota
Property Code 6886	Property Name Canyon Largo	Well Number 447
OGRID No. 14538	Operator Name MERIDIAN OIL INC.	Elevation 6915'

¹⁰ Surface Location

UL or lot no. G	Section 24	Township 25 N	Range 7 W	Lot Idn	Feet from the 1510	North/South line North	Feet from the 1615	East/West line East	County R.A.
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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 E/320	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

¹⁶ 5196.84' 1510' 1615' 5196.18' 5232.48' 24 SF-078879	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Peggy Bradfield Printed Name Regulatory Affairs Title 1-8-95 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 me or under my supervision, and that the same is true and correct to the best of my belief. 10-4-94 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	

OPERATIONS PLAN

Well Name: Canyon Largo Unit #447
Location: 1510'FNL, 1615'FEL Section 24, T-25-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 23' 17", Longitude 107° 31' 19"
Formation: Devils Fork Gallup/Basin Dakota
Elevation: 6915'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	Nacimiento	2005'	
Ojo Alamo	2005'	2185'	aquifer
Kirtland	2185'	2505'	
Fruitland	2505'	2737'	gas
Pictured Cliffs	2737'	2885'	gas
Lewis	2885'	3555'	
Chacra	3555'	4250'	
Massive Cliff House	4250'	4335'	
Menefee	4335'	4970'	
Massive Pt. Lookout	4970'	5240'	gas
Mancos	5240'	6060'	
Gallup	6060'	6930'	gas & oil
Greenhorn	6930'	6980'	gas & oil
Graneros	6980'	7015'	
Dakota	7015'	7235'	gas
Burro Canyon/Encinal	7235'	7320'	gas
Morrison	7320'		salt water
Total Depth	7330'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 6000' 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
320-7330'	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' - 7330'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 7330'	1 1/2"	2.9#	N-80 EUE
0' - 6060'	1 1/2"	2.76#	J-55 IJ

