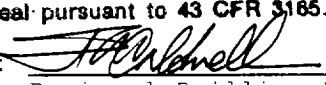


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-078880 Unit Reporting Number SF-078880
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 6886 Canyon Largo Unit 9. Well Number 430
4. Location of Well 1455' FSL, 1435' FWL Latitude 36° 23' 49", Longitude 107° 32' 46"	10. Field, Pool, Wildcat 17610 Devils Fork Gallup EXT 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) K Sec 14, T-25-N, R-7-W API # 30-039- 30-039-25477
14. Distance in Miles from Nearest Town 25 miles south of Blanco, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1435'	
16. Acres in Lease	17. Acres Assigned to Well 320 W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 700'	
19. Proposed Depth 7245'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6802' 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 31.40.1 and appeal pursuant to 43 CFR 31.65.4.	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regional Drilling Engineer	Date 1/10/95

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

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #658 dated 11-22-94
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 2-104 FOR GALLUP AND DAKOTA NMOCB
NSL (2)

APPROVED
AS AMENDED
JAN 18 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-107
Revised February 21, 1990
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 30-039-25477		Pool Code 17610/71599	Pool Name Devils Fork Gallup Basin Dakota
Property Code 6886	Property Name Canyon Largo Unit		Well Number 430
OGRID No. 14538	Operator Name MERIDIAN OIL INC.		Elevation 6802'

¹⁰ Surface Location

UL or lot no. K	Section 14	Township 25 N	Range 7 W	Lot Idn	Feet from the 1455	North/South line South	Feet from the 1435	East/West line West	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 W/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	5194.20'		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	
	SF-078880			
	RECEIVED JAN 20 1995 OIL CON. DIV. DIST. 3			
	14			
5223.24'	1435'	1455'	5188.92'	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. 10-6-94 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

5207.40

OPERATIONS PLAN

Well Name: Canyon Largo Unit #430
Location: 1455'FSL, 1435'FWL Section 14, T-25-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 23' 49", Longitude 107° 32' 46"
Formation: Devils Fork Gallup/Basin Dakota
Elevation: 6802'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	Nacimiento	1795'	
Ojo Alamo	1795'	1995'	aquifer
Kirtland	1995'	2304'	
Fruitland	2304'	2610'	gas
Pictured Cliffs	2610'	2740'	gas
Lewis	2740'	3435'	
Chacra	3435'	4135'	
Massive Cliff House	4135'	4220'	
Menefee	4220'	4845'	
Massive Pt. Lookout	4845'	5125'	gas
Mancos	5125'	5940'	
Gallup	5940'	6810'	gas & oil
Greenhorn	6810'	6875'	gas & oil
Graneros	6875'	6915'	
Dakota	6915'	7135'	gas
Burro Canyon/Encinal	7135'	7235'	gas
Morrison	7235'		salt water
Total Depth	7245'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 5900' 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
320-7245'	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' - 7245'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 7245'	1 1/2"	2.9#	N-80 EUE
0' - 5940'	1 1/2"	2.76#	J-55 IJ

MERIDIAN OIL INC
CANYON LARGO UNIT #430

T 25 N, R 07 W

700' New Construction

T25N, R7W		T25N, R6W	
Section 14: E2SW	1700'	Section 18: N2N2	5800'
23: NENW	100'	17: NWNW	300'
W2NW	2800'	8: SWSW	1000'
N2SW	2400'	E2SW	2600'
SESW	500'	SENW	1100'
NWSE	2000'	SWNE	1900'
26: S2SE	1500'	NENE	1500'
25: NENE	1300'	9: NWNW	1100'
24: NWNW	800'	4: W2W2	7000'
SWSW	1100'	5: SESE	1100'
E2SW	1800'	T26N, R6W	
SENW	1000'	Section 31: S2NE	2400'
W2NE	1700'	NWNE	600'
13: SWSE	1100'		
E2SE	3200'		
SENE	1600'		

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

APD MAP #1

