


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078885 Unit Reporting Number
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 287A
4. Location of Well 1770' FNL, 1175' FWL Latitude 36° 25' 33", Longitude 107° 27' 33"	10. Field, Pool, Wildcat Blanco MV/Basin Dk 71599 11. Sec., Twn, Rge, Mer. (NMPM) Sec 3, T-25-N, R-6-W API # 30-039-25550
14. Distance in Miles from Nearest Town 12 miles to Counselors, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1175'	
16. Acres in Lease	17. Acres Assigned to Well 321.37 W/2 326-37
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 600'	
19. Proposed Depth 7550'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6736'	22. Approx. Date Work will Start 4th 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 3165.3 and appeal pursuant to 43 CFR 3165.4.	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regional Drilling Engineer	Date: 10/26/95

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

Archaeological Report submitted BY Arboles Contract Archaeology Technical Report #796 dated 7-28-95
Threatened and Endangered Species Report submitted by Ecosphere dated 8-21-95
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

NOV 30 1995

DISTRICT MANAGER

NMOC

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 30-039-25550		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 6886	Property Name Canyon Largo Unit		Well Number 287A.1
GRID No. 14538	Operator Name MERIDIAN OIL INC.		Elevation 6736'

10 Surface Location



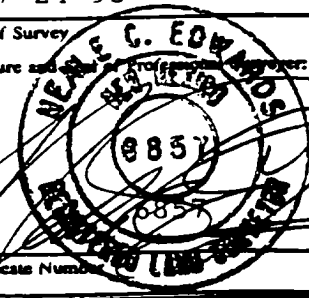
UL or lot no. E	Section 3	Township 25 N	Range 6 W	Lot Idn	Feet from the 1770	North/South line North	Feet from the 1175	East/West line West	County R.A.
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11 Bottom Hole Location If Different From Surface

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/321.37-W/321.37	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

<div>16</div> <div>5300.46'</div> <div>1324.62'</div> <div>1300.86'</div> <div>2601.72'</div> <div>5264.16'</div> <div>1770'</div> <div>1175'</div> <div>SF- 078885</div> <div>3</div> <div>RECEIVED DEC - 5 1995 OIL CONSERVATION DIVISION</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div></div> <div>Signature Peggy Bradfield Printed Name Regulatory Administrator Title 10-25-95 Date</div> <div>1318.68'</div> <div>1301.52'</div>
	<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>7-24-95</div> <div>Date of Survey</div> <div></div> <div>Signature and Title of Registered Professional Surveyor</div> <div></div> <div>Certificate Number</div> <div>2603.04'</div>

OPERATIONS PLAN

Well Name: Canyon Largo Unit #287E
Location: 1770' FNL, 1175' FWL Section 3, T-25-N, R-6-W
 Rio Arriba County, New Mexico
 Latitude 36° 25' 33", Longitude 107° 27' 33"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6736' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	590'	
Ojo Alamo	590'	2407'	aquifer
Kirtland	2407'	2691'	
Fruitland	2691'	2873'	gas
Pictured Cliffs	2873'	3001'	gas
Lewis	3001'	3741'	
Chacra	3741'	4488'	gas
Mesa Verde	4488'	4532'	salt water
Menefee	4532'	5086'	salt water
Point Lookout	5086'	5337'	gas & oil
Mancos	5337'	6250'	
Gallup	6250'	6701'	gas & oil
Juana Lopez	6701'	7034'	gas
Greenhorn	7034'	7086'	gas & oil
Graneros	7086'	7139'	gas
Two Wells	7139'	7222'	
Paguate	7222'	7254'	
Cubero	7254'	7339'	
Encino Canyon	7339'	7498'	
Morrison	7498'		
Total Depth	7550'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 2650' to TD
 Coring - none
 DST - none
 Electric logs - DIL/SP/GR; CDL/CNL/GR; ML

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
320-7550'	LSND	8.4-9.1	30-60	no control

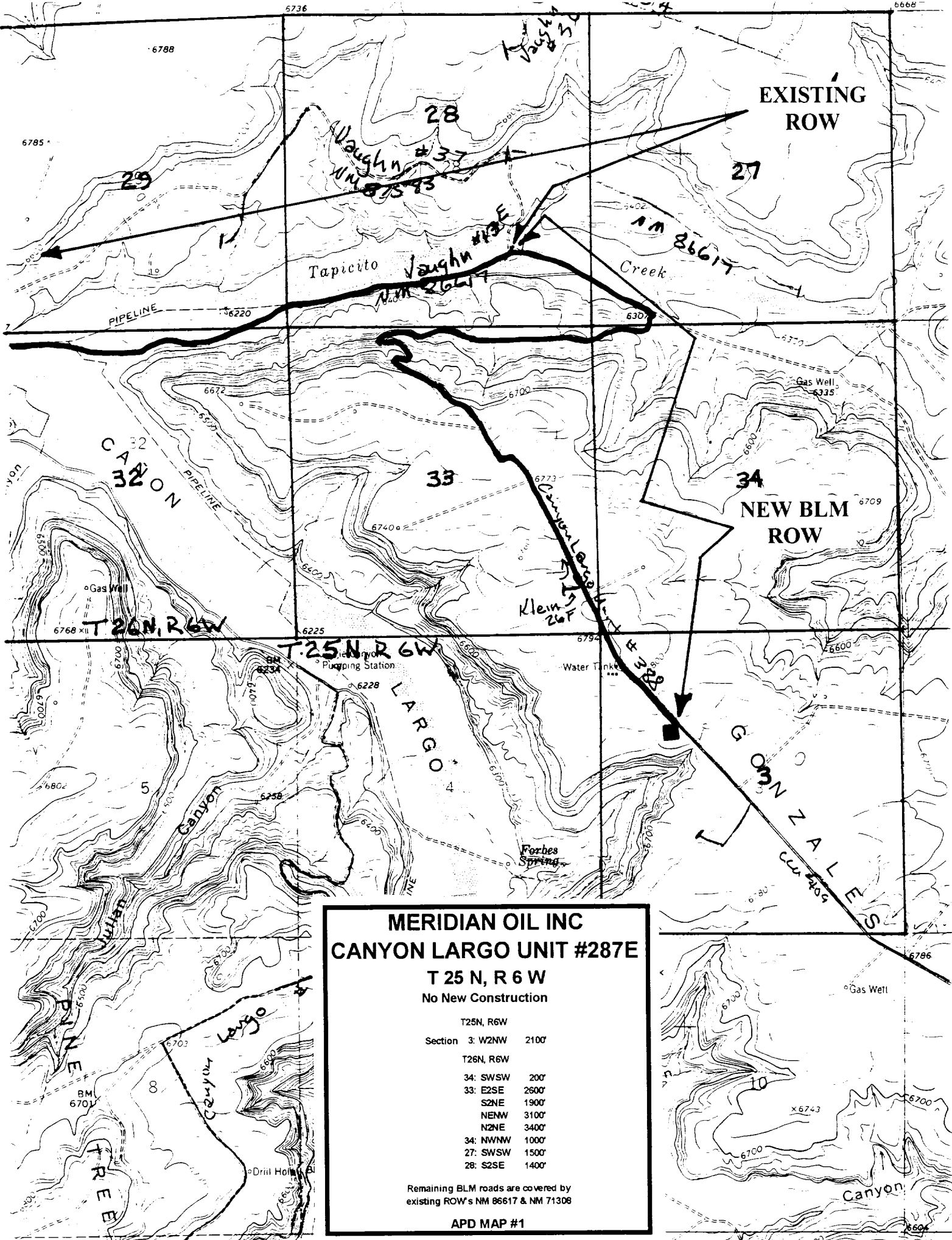
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 7550'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 7550'	1 1/2"	2.90#	J-55 EUE 10rd
0' - 5081'	1 1/2"	2.76#	J-55 IJ 10rd



MERIDIAN OIL INC
CANYON LARGO UNIT #287E

T 25 N, R 6 W
No New Construction

T25N, R6W	
Section 3: W2NW	2100'
T26N, R6W	
34: SWSW	200'
33: E2SE	2600'
S2NE	1900'
NENW	3100'
N2NE	3400'
34: NWNW	1000'
27: SWSW	1500'
28: S2SE	1400'

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

APD MAP #1