

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-039-25367
MAY 12 1994 1:17

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease 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 425	
4. Location of Well 880' FSL, 790' FWL Latitude 36° 24' 36", Longitude 107° 33' 59"	10. Field, Pool, Wildcat 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. M Sec 10, T-25-N, R-7-W NMPM	
14. Distance in Miles from Nearest Town 16 miles to Counselors	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	17. Acres Assigned to Well 320 S/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Cornl, or Applied for on this Lease 250'	
19. Proposed Depth 8335'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc) 6825' GR	22. Approx. Date Work will Start 2nd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	

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DANIEL...
SUBJECT TO...
GENERAL...

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

Archaeological Report submitted by Arboles Contract Archaeology Techn. Report #385
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3
APPROVED
AMENDED
MAR 25 1994
DISTRICT MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised 1-1-89

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

CHARGE NO. 1-17

CHARGE NO. 1-17

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brava Rd., Aztec, 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. 425		
Unit Letter M	Section 10	Township 25 North	Range 7 West	County NM/PM Rio Arriba				
Actual Footage Location of Well: 880' feet from the South line and 790' feet from the West line								
Ground level Elev. 6825'		Producing Formation Dakota		Pool Basin		Dedicated Acreage 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or ink 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, unitization, force-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 allowable well be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

5308.38

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OIL CON. DIV.
DIST. 3

10

USA SF-078880

790'

880'

5186.28

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

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
NEEDS APPROVAL

Signature of State or Professional Surveyor

6857

Comptroller No.

6857

OPERATIONS PLAN

Well Name: Canyon Largo Unit #425
Location: 880'FSL, 790'FWL Section 10, T-25-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 24' 36", Longitude 107° 33' 59"
Formation: Basin Dakota
Elevation: 6825'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1970'	
Ojo Alamo	1970'	2100'	aquifer
Kirtland	2100'	2535'	
Fruitland	2535'	2715'	gas
Pictured Cliffs	2715'	2770'	gas
Lewis	2770'	3510'	
Chacra	3510'	4205'	salt water
Cliff House	4205'	4295'	salt water
Menefee	4295'	4900'	
Point Lookout	4900'	5200'	
Mancos	5200'	6010'	
Gallup	6010'	6550'	gas & oil
Juana Lopez	6550'	6875'	
Greenhorn	6875'	6935'	gas & oil
Graneros	6935'	6970'	
Dakota	6970'	7190'	gas & oil
Burro Canyon	7190'	7275'	
Morrison	7275'		salt water
Total Depth	7335'		

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
200-7335'	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' - 7335'	5 1/2"	17.0#	K-55

Tubing Program:

0' - 7335' 2 3/8" 4.7# J-55 EUE

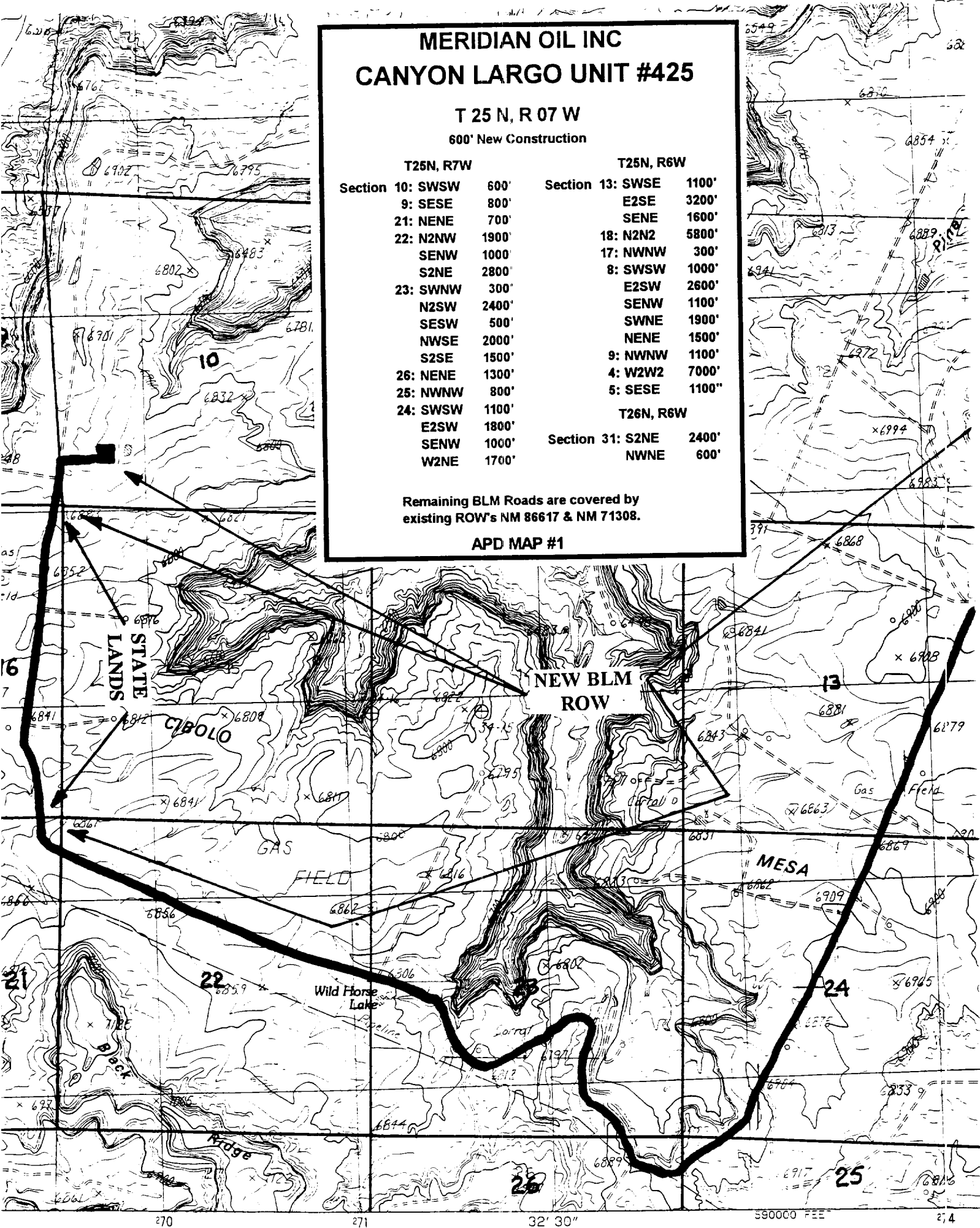
MERIDIAN OIL INC **CANYON LARGO UNIT #425**

T 25 N, R 07 W
600' New Construction

T25N, R7W		T25N, R6W	
Section 10: SWSW	600'	Section 13: SWSE	1100'
9: SESE	800'	E2SE	3200'
21: NENE	700'	SENE	1600'
22: N2NW	1900'	18: N2N2	5800'
SENE	1000'	17: NWNW	300'
S2NE	2800'	8: SWSW	1000'
23: SWNW	300'	E2SW	2600'
N2SW	2400'	SENE	1100'
SESW	500'	SWNE	1900'
NWSE	2000'	NENE	1500'
S2SE	1500'	9: NWNW	1100'
26: NENE	1300'	4: W2W2	7000'
25: NWNW	800'	5: SESE	1100"
24: SWSW	1100'	T26N, R6W	
E2SW	1800'	Section 31: S2NE	2400'
SENE	1000'	NWNE	600'
W2NE	1700'		

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

APD MAP #1



SCALE 1:24 000