

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-045-28978
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

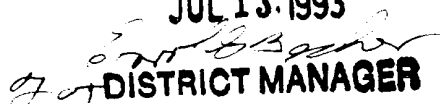
1a. Type of Work DRILL	RECEIVED JUL 19 1993	5. Lease Number SF-077875
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 13622 Rowley Com 9. Well Number 500
4. Location of Well 2335' FSL, 1850' FWL Latitude 36° 35' 14", Longitude 107° 56' 21"		10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 77200 Fulcher Kutz Pic. Cliffs 11. Sec., Twn, Rge, Mer. K Sec. 7, T27N, R10W NMPM
14. Distance in Miles from Nearest Town 10 miles S. of Bloomfield		12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1850'		17. Acres Assigned to Well 11/320/160 11/320/160
16. Acres in Lease 2080		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1257'		
19. Proposed Depth 1850'		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5835' GR		22. Approx. Date Work will Start March 93
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer		Date 2/5/93

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

Archaeological Report submitted 10-1-90
APD submitted & approved 1991 for this well, expired Jan 1993.
NOTE: This format is issued to lieu of U.S. BLM Form 3160-3

**APPROVED
AS AMENDED**

JUL 13 1993


DISTRICT MANAGER

NMOOD

Schedule to Assignment
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

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Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

93 FEB -9 PM 2:45

070 FARMINGTON, NM

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Grande 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 Rowley Com Well No. 500
U.S. Letter Section Township Range County
K 7 27 North 10 West NMNM San Juan

Actual Footage Location of Well:

2335 feet from the South line and 1850 feet from the West line
Ground level Elev. 5835' Producing Formation Fruitland Coal/Pic. Cliffs Pool Basin/Fulcher Kutz Dedicated Acreage: 320/160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 communitization agreement will be obtained
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 will 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.

1			
SF-077875-A	SF-077875		
2			
1850'			
3			
	2335'		
4			
SF-077384			

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 Affairs

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.

2-2-93

Date Surveyed

C. EDWARDS
Name

Signature

Professional Surveyor

3357

Certificate No.

6857

OPERATIONS PLAN

Well Name: Rowley Com #500
Location: 2335'FSL, 1850'FWL, Section 7, T-27-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 35' 14", Longitude 107° 56' 21"
Formation: Basin Fruitland Coal/Fulcher Kutz Pictured Cliffs
Elevation: 5835'GL

Formation Tops:	Top	Bottom	Contents
Surface	Nacimiento	608'	
Ojo Alamo	608'	718'	aquifer
Kirtland	718'	1376'	
Fruitland	1376'	1645'	
Fruitland Coal	1466'		gas
Pictured Cliffs	1645'	1850'	salt water & gas
Total Depth	1850'		

Logging Program: HR Dens, NGT, Mud logs from 1300' to Total Depth.
 DIL, CNL-LDT

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0-200'	Spud	8.4-8.9	40-50	no control
200-1850'	Non-dispersed	8.4-9.1	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	8 5/8"	24.0#	K-40
7 7/8"	0' - 1850'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 1850'	2 3/8"	4.7#	J-55
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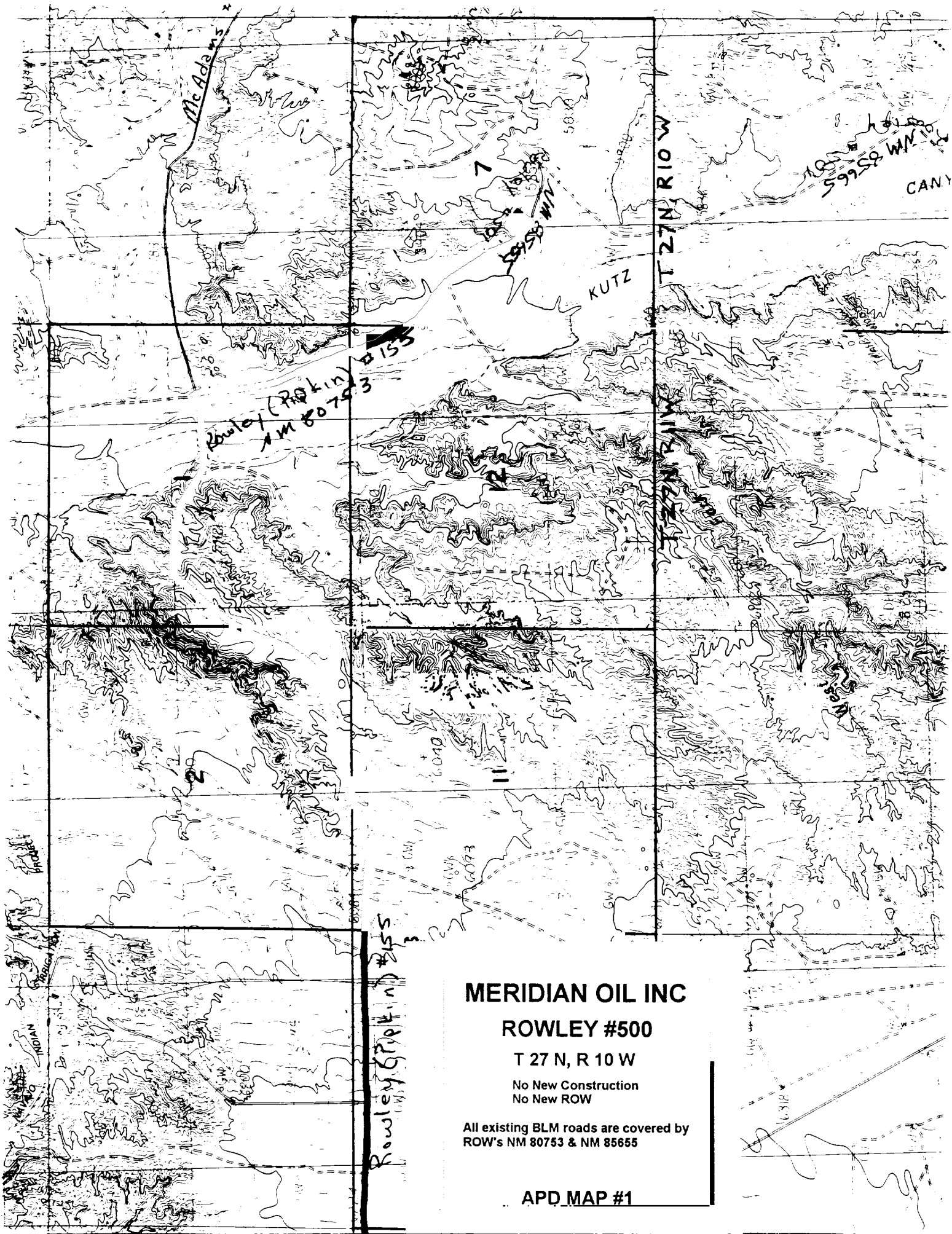
Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three (3) centralizers run every other joint above shoe. Two (2) turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 718'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly.

Cementing:

8 5/8" surface casing - cement with 210 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (250 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.



MERIDIAN OIL INC

ROWLEY #500

T 27 N, R 10 W

No New Construction
No New ROW

All existing BLM roads are covered by
ROW's NM 80753 & NM 85655

APD MAP #1