




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 NM-09840 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7299 McConnell 9. Well Number 500
4. Location of Well 1780' FNL, 2180' FEL Latitude 36° 29.1, Longitude 107° 44.3	10. Field, Pool, Wildcat 71629 Basin Ft Coal 11. Sec., Twn, Rge, Mer. (NMPM) G Sec 13, T-26-N, R-9-W API # 30-045-29341
14. Distance in Miles from Nearest Town 7 miles to Huerfano Trading Post	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1780'	17. Acres Assigned to Well 320 E/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	
19. Proposed Depth 2250'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6273' GR	22. Approx. Date Work will Start 4th quarter 1995
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regional Drilling Engineer	Date: 11/2/95

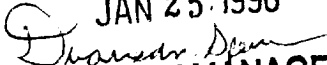
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Archaeological Report to be submitted  
Threatened and Endangered Species Report to be submitted  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

  
Held C-1 out For NSL  


NMOCD

APPROVED  
AS AMENDED

JAN 25 1996  
  
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

55 NOV 23 PM 3:41 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29341		Pool Code 71629		Field Name Basin Fruitland Coal	
Property Code 7299		Property Name McCONNELL			Well Number 500
OGRID No. 14538		Operator Name MERIDIAN OIL INC.			Elevation 6273'

10 Surface Location

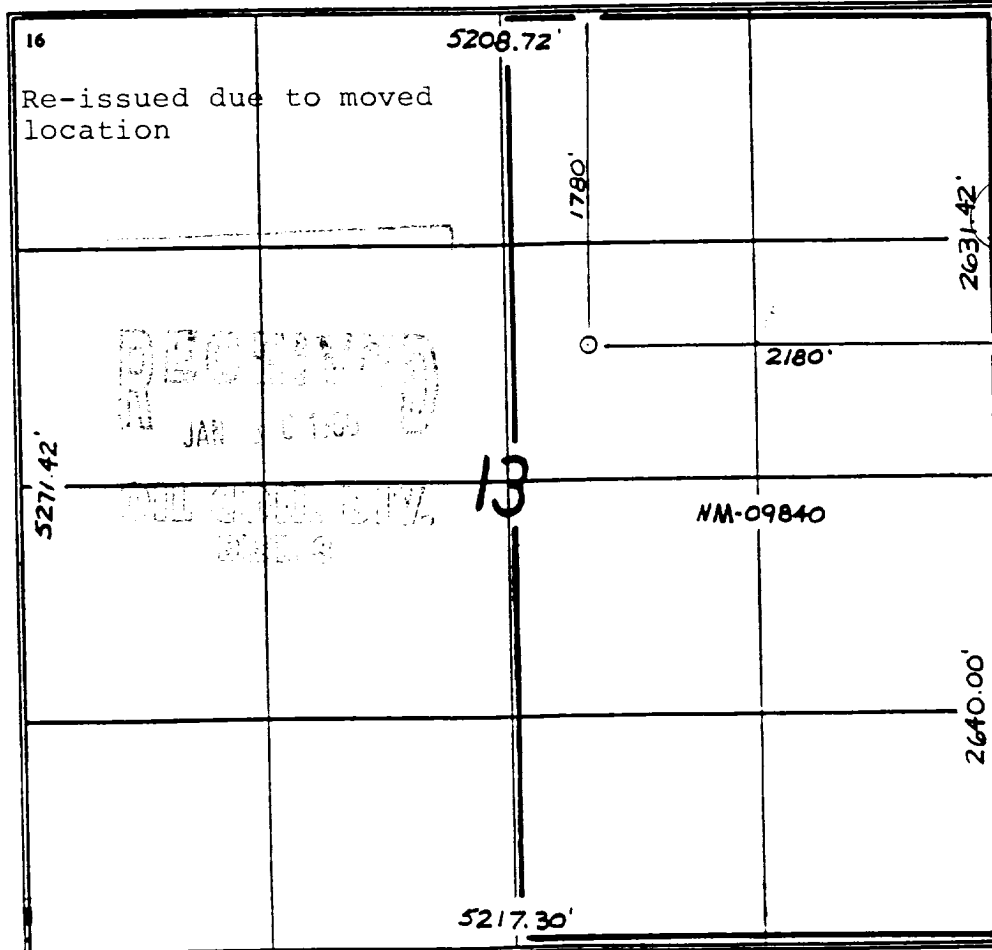
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	13	26 N	9 W		1780	North	2180	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Peggy Bradford*  
Signature  
Peggy Bradford  
Printed Name  
Regulatory Administrator  
Title  
11-1-95  
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.

9-27-95  
Date of Survey  
NEALE C. EDWARDS  
Signature and Seal of Professional Surveyor  
9837  
Certificate Number

OPERATIONS PLAN

**Well Name:** McConnell #500  
**Location:** 1780' FNL, 2180' FEL Section 13, T-26-N, R-9-W  
 San Juan County, New Mexico  
 Latitude 36° 29.1, Longitude 107° 44.3  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6273' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1202'	
Ojo Alamo	1202'	1309'	aquifer
Kirtland	1309'	1701'	
Fruitland	1701'	1986'	
Fruitland Coal	1843'	1986'	
Pictured Cliffs	1986'		
Total Depth	2250'		

**Logging Program:** Mud logs: 1700' to TD  
 Dens/Neut/Por; Density/Corr; Micro/GR; Numar MR: 1700-TD  
 Ind/SP/GR: to TD

**Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2250'	Non-dispersed	8.4-9.5	30-60	no control

**Casing Program:**

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	H-40
7 7/8"	0 - 2250'	4 1/2"	10.5#	K-55

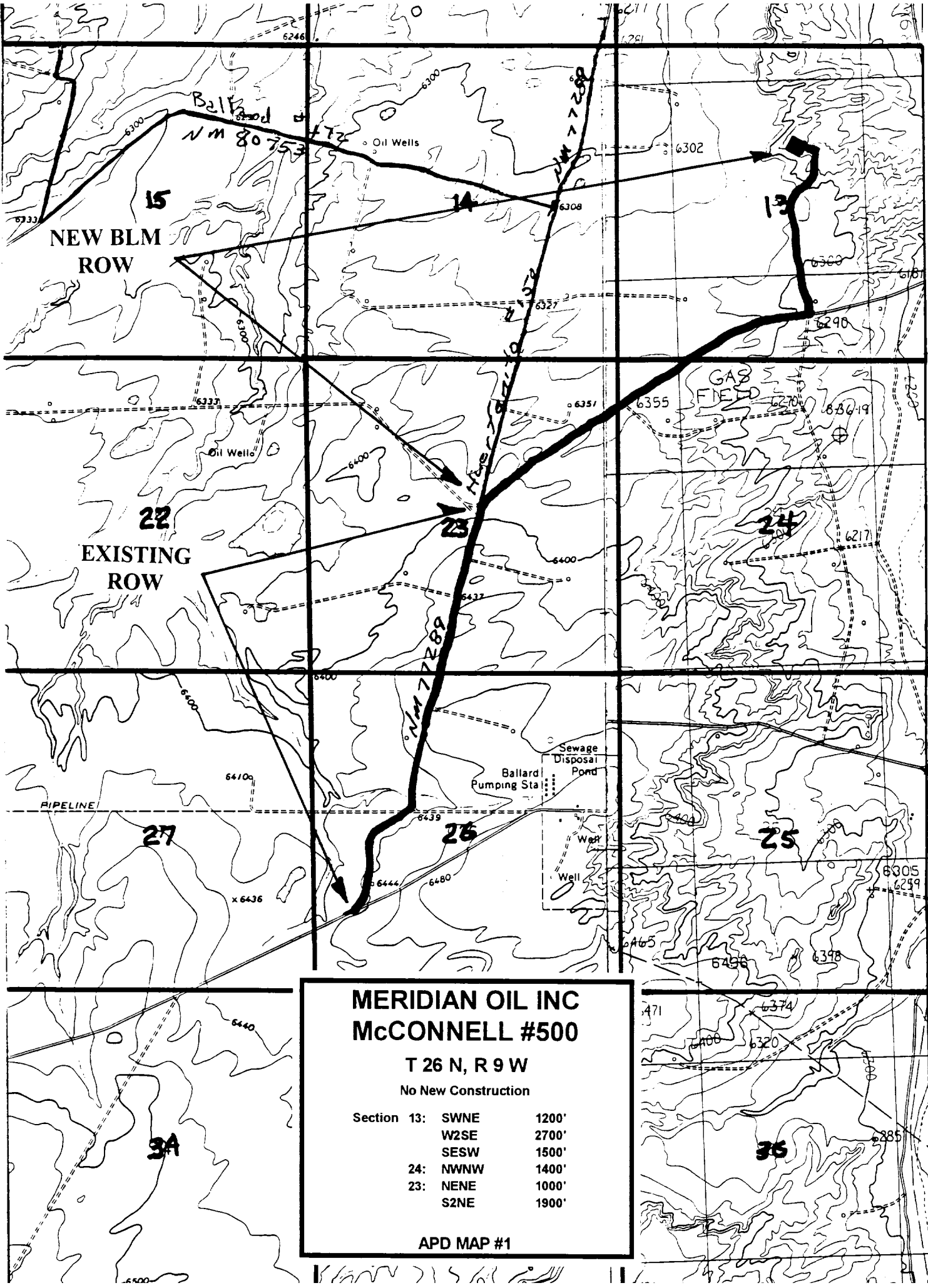
**Tubing Program:**

0 - 2250'	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 centralizers run every other joint above shoe. Two centralizers run every 3rd joint to the base of the Ojo Alamo @ 1309'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1309'. 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" 2000 psi xmas tree assembly.



**MERIDIAN OIL INC**  
**McCONNELL #500**

**T 26 N, R 9 W**  
**No New Construction**

Section 13:	SWNE	1200'
	W2SE	2700'
	SESW	1500'
24:	NWNW	1400'
23:	NENE	1000'
	S2NE	1900'

**APD MAP #1**