


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

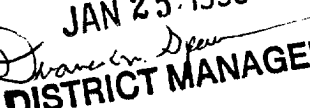
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1a. Type of Work DRILL	5. Lease Number NM-09840 Unit Reporting Number	670 FARMINGTON, NM
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 11299 McConnell 9. Well Number 502 ✓	
4. Location of Well 930' FSL, 1300' FWL Latitude 36° 28.1, Longitude 107° 44.7	10. Field, Pool, Wildcat 71629 Basin Ft Coal ✓ 11. Sec., Twn, Rge, Mer. (NMPM) m Sec 24, T-26-N, R-9-W ✓ API # 30-045-29343 ✓	
14. Distance in Miles from Nearest Town 3.5 miles from Huerfano Trading Post	12. County ✓ San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 930'	17. Acres Assigned to Well 320 W/2 ✓	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1000'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 2300'	21. Elevations (DF, FT, GR, Etc.) 6427' GR ✓	22. Approx. Date Work will Start 1st quarter 1996
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	12/7/95 Date	

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

APPROVED
AS AMENDED
JAN 25 1996
for 
DISTRICT MANAGER

NMOCD

District I
PO Box 1988, Hobbs, NM 88241-1988
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, 199-

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	Pool Code	Pool Name
30-045-29343	71629	Basin Fruitland Coal
Property Code	Property Name	Well Number
7299	McConnell	502
OGRID No.	Operator Name	Elevation
14538	MERIDIAN OIL INC.	6427'

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
M	24	26 N	9 W		930	South	1300	West	S.J.

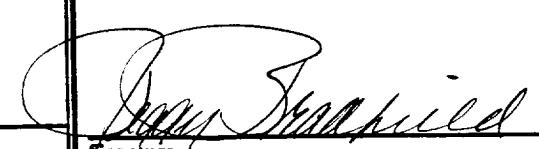
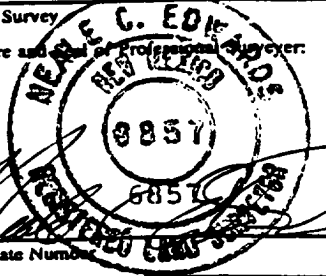
11 Bottom Hole Location If Different From Surface

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 13 Joint or Infill 14 Consolidation Code 15 Order No.

W/320

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	5217.30'	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 Administrator
		Title
		12-05-95-
		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 or under my supervision, and that the same is true and correct to the best of my belief.
		11-15-95
		Date of Survey
		Signature and Seal of Professional Surveyor
		
		Certificate Number
5271.42'	24	
1300'		
930'		
5225.22'		

RECEIVED
JAN 30 1996
OIL CON. DIV.
DIST. 3

OPERATIONS PLAN

Well Name: McConnell #502
Location: 930' FSL, 1300' FWL Section 24, T-26-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 28.1, Longitude 107° 44.7
Formation: Basin Fruitland Coal
Elevation: 6427' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1283'	
Ojo Alamo	1283'	1369'	aquifer
Kirtland	1369'	1815'	
Fruitland	1815'	2065'	
Fruitland Coal	1939'	2065'	
Pictured Cliffs	2065'		
Total Depth	2300'		

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
200-2300'	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 - 2300'	4 1/2"	10.5#	K-55

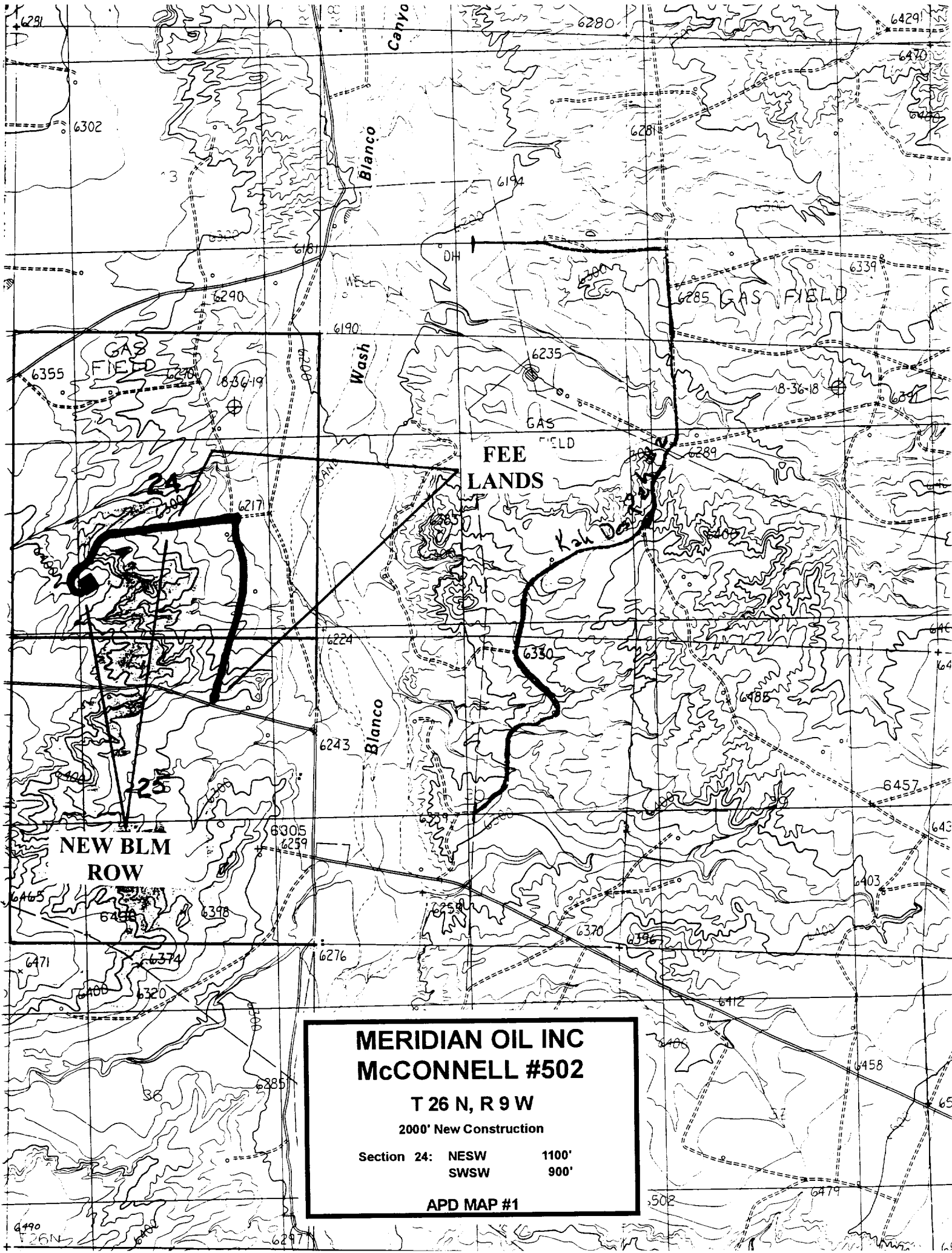
Tubing Program:

0 - 2300'	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 @ 1369'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1369'. 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 #502**

T 26 N, R 9 W

2000' New Construction

**Section 24: NESW 1100'
 SWSW 900'**

APD MAP #1