

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM MAIL ROOM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

55 SEP 26 AM 11:11

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 501
4. Location of Well 1330' FSL, 1330' FWL Latitude 36° 29.1, Longitude 107° 44.7	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) K Sec 13, T-26-N, R-9-W API # 30-045-2285
14. Distance in Miles from Nearest Town 6.5 mile to Huerfano Trading Post	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1330'	17. Acres Assigned to Well W/2 320.00
16. Acres in Lease	20. Rotary or Cable Tools Rotary
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 400'	22. Approx. Date Work will Start 4th quarter 1995
19. Proposed Depth 2200'	
21. Elevations (DF, FT, GP, Etc) 6322'	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: [Signature] Regional Drilling Engineer	Date 9-25-95

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

Archaeological Report to be submitted  
Threatened and Endangered Species Report submitted by Ecosphere Environmental dated 9-13-95  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED  
AS AMENDED

OCT 05 1995

DISTRICT MANAGER

NMOCD

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-10  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

95 SEP 26 AM 11:11

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT. Number 30-045-29285		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal			
4 Property Code 7299		5 Property Name McCONNELL				6 Well Number 501	
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.				9 Elevation 6322'	

10 Surface Location

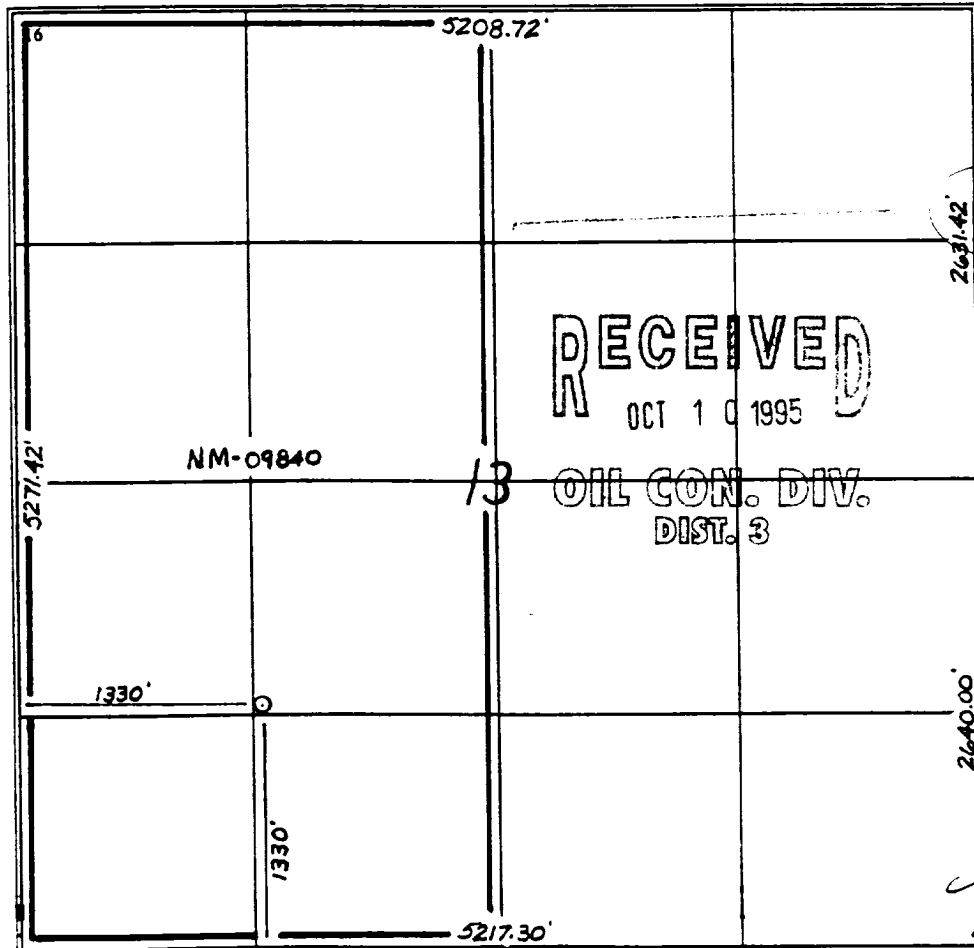
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	13	26 N	9 W		1330	SOUTH	1330	WEST	SJ

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

12 Dedicated Acres W/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

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradford</i> Signature Peggy Bradford Printed Name Regulatory Administrator Title 9-25-95 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>8-7-95 Date of Survey Signature and Seal of Surveyor 6857 Certificate Number</p>

September 25, 1995

OPERATIONS PLAN

**Well Name:** McConnell #501  
**Location:** 1330' FSL, 1330' FWL Section 13, T-26-N, R-9-W  
 San Juan County, New Mexico  
 Latitude 36° 29.1, Longitude 107° 44.7  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6322' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1207'	
Ojo Alamo	1207'	1344'	aquifer
Kirtland	1344'	1749'	
Fruitland	1749'	2004'	
Fruitland Coal	1749'	2004'	
Pictured Cliffs	2004'		
Total Depth	2200'		

**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
200-2200'	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#	K-40
7 7/8"	0 - 2200'	4 1/2"	10.5#	K-55

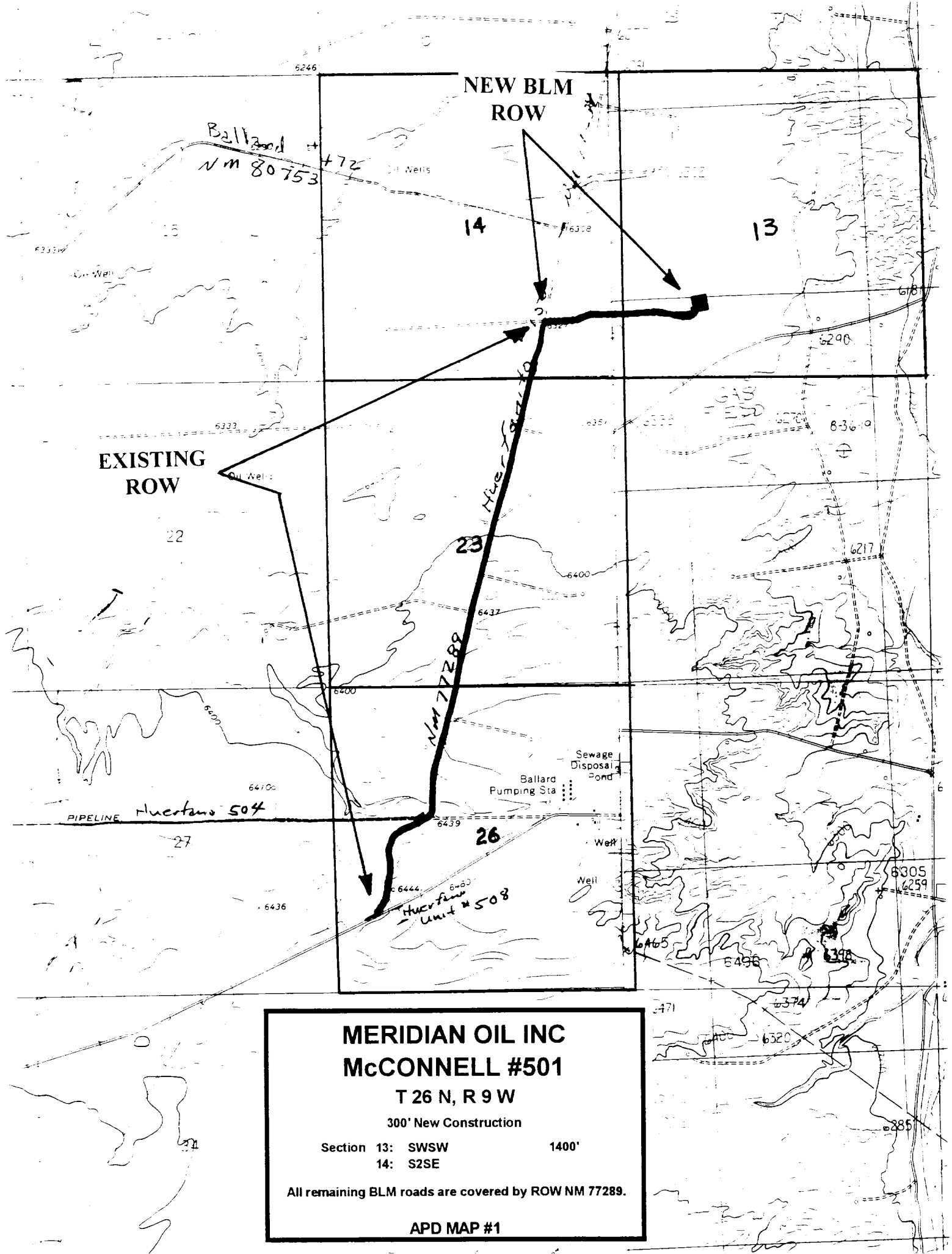
**Tubing Program:**

0 - 2200'	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 @ 1344'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1344'. 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.



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## Sundry Notices and Reports on Wells

## 1. Type of Well

GAS

## 2. Name of Operator

MERIDIAN OIL

## 3. Address &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

## 4. Location of Well, Footage, Sec., T, R, M

1330' FSL, 1330' FWL, Sec.13, T-26-N, R-9-W, NMPM

## 5. Lease Number

NM-09840

## 6. If Indian, All. or Tribe Name

## 7. Unit Agreement Name

## 8. Well Name &amp; Number

McConnell #501

## 9. API Well No.

30-045-29285

## 10. Field and Pool

Basin Fruitland Coal

## 11. County and State

San Juan Co, NM

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

## Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

## Type of Action

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☒ Altering Casing☐ Other -☒ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection

## 13. Describe Proposed or Completed Operations

It is intended to alter the approved surface casing depth and cement of the subject well. The new surface casing depth will be a minimum of 120'.

## Revisions:

## Mud Program:

Interval  
0-120'

Type  
Spud

Weight  
8.4-8.9

Fluid Loss  
No control

## Casing Program:

Hole Size  
12 1/4"

Depth Interval  
0-120'

Casing Size  
8 5/8"

Weight  
24#

Grade  
K-55

## Cementing Program:

8 5/8" surface casing - 126 sx Class "B" cement with 0.25 ps Flocele and 2% calcium chloride (148.6 cu.ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi/30 minutes.

## 14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (KAS1) Title Regulatory Administrator Date 1/24/96

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Date

APPROVED

JAN 26 1996

DISTRICT MANAGER

NMOCG