

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

95 JUL 26 PM 12:57

1a. Type of Work  
DRILL

RECEIVED  
OCT 21 1996

5. Lease Number  
SF-078135  
Unit Reporting Number

070 FARMINGTON, NM

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  
Huerfanito Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

8. Farm or Lease Name  
7138 Huerfanito Unit

9. Well Number  
152

(505) 326-9700

4. Location of Well

1115' FSL, 1175' FWL

Latitude 36° 30.8, Longitude 107° 44.7

10. Field, Pool, Wildcat  
71629 Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)  
M Sec 1, T-26-N, R-9-W

API # 30-045-2949

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  
1115'

16. Acres in Lease

17. Acres Assigned to Well  
320.18 W/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease  
500'

19. Proposed Depth  
2150'

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6255' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH  
ATTACHED 'GENERAL REQUIREMENTS'

24. Authorized by:

Regulatory/Compliance Administrator

6-11-96  
Date

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

Archaeological Report to be submitted

Threatened and Endangered Species Report submitted by Ecosphere dated June 1996

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED  
AS AMENDED

OCT 16 1996

DISTRICT MANAGER

NMOCD

District I  
PO Box 1780, 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29409		Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 7138	Property Name Huerfanito Unit		Well Number 152
OGRID No. 14538	Operator Name MERIDIAN OIL INC. <i>Burlington Res. O &amp; G Co</i>		Elevation 6255'

10 Surface Location

UL or lot no. M	Section 1	Township 26 N	Range 9 W	Lot Ida	Feet from the 1115	North/South line South	Feet from the 1175	East/West line West	County S.J.
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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
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12 Dedicated Acres W/320.18	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

				<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 6-11-96 Date	
<b>18 SURVEYOR CERTIFICATION</b> 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.  5-02-96 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number					

June 11, 1996

OPERATIONS PLAN

**Well Name:** Huerfanito Unit #152  
**Location:** 1115' FSL, 1175' FWL Section 1, T-26-N, R-9-W  
 San Juan County, New Mexico  
 Latitude 36° 30.8, Longitude 107° 44.7  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6255' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1175'	
Ojo Alamo	1175'	1298'	aquifer
Kirtland	1298'	1745'	
Fruitland	1745'	1988'	
Fruitland Coal	1881'	1946'	
Pictured Cliffs	1988'		
Total Depth	2150'		

**Logging Program:** Hi Res Ind, DNL, Micro/GR 1700-TD

**Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-8.9	40-50	no control
120-2150'	LSND	8.4-9.0	40-60	no control

**Casing Program:**

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	24.0#	H-40
7 7/8"	0 - 2150'	4 1/2"	10.5#	K-55

**Tubing Program:**

0 - 2150'	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 @ 1298'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1298'. 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 screw on independent wellhead.

