


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
BLM
95 AUG 15 PM 2:59
070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-078388 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name Huerfanito Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7138 Huerfanito Unit 9. Well Number 155	
4. Location of Well 1310' FNL, 2255' FEL Latitude 36° 30.4, Longitude 107° 45.4	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) 13 Sec 11, T-26-N, R-9-W API # 30-045-29432	
14. Distance in Miles from Nearest Town 5 miles to Huerfano Trading Post	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1310'		
16. Acres in Lease	17. Acres Assigned to Well N/2 320	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1400'		
19. Proposed Depth 2100 This is a proposed well and is subject to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3185.4.	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6197' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regulatory/Compliance Administrator	8-13-96 Date	

PERMIT NO. _____ APPROVAL DATE FEB 11 1997
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Arboles Contract Archaeology dated 5-20-96 Technical Report #888
Threatened and Endangered Species Report submitted by Ecosphere
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

OK
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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

070 FARMINGTON, NM

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 30-045-29432		Pool Code 21629	Pool Name Basin Fruitland Coal
Property Code 7138	Property Name Huerfanito Unit		Well Number 155
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6197'

10 Surface Location


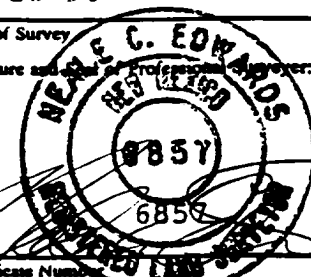
UL or lot no. B	Section 11	Township 26 N	Range 9 W	Lot Ida	Feet from the 1310	North/South line North	Feet from the 2255	East/West line East	County S.J.
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11 Bottom Hole Location if Different From Surface

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 N/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

<div>16</div> <div>NMSF-078388</div> <div>5792.22'</div> <div>1310'</div> <div>2255'</div> <div>5280.00'</div> <div>5271.42'</div> <div>FEB 11 1997</div> <div>5198.82'</div>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div></div> <div>Signature Peggy Bradfield</div> <div>Printed Name Regulatory Administrator</div> <div>Title 8-13-96</div> <div>Date</div>	
	<div>18 SURVEYOR CERTIFICATION</div> <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> <div>6-28-96</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div>Certificate Number</div>	

August 13, 1996

OPERATIONS PLAN

Well Name: Huerfanito Unit #155
Location: 1310' FNL, 2255' FEL Section 11, T-26-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 30.4, Longitude 107° 45.4
Formation: Basin Fruitland Coal
Elevation: 6197' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	998'	
Ojo Alamo	998'	1228'	aquifer
Kirtland	1228'	1715'	
Fruitland	1715'	1921'	gas
Fruitland Coal	1715'	1908'	gas
Pictured Cliffs	1921'		
Lewis	2023'		
Total Depth	2100'		

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
120-2100'	LSND	8.4-9.0	40-60	no control

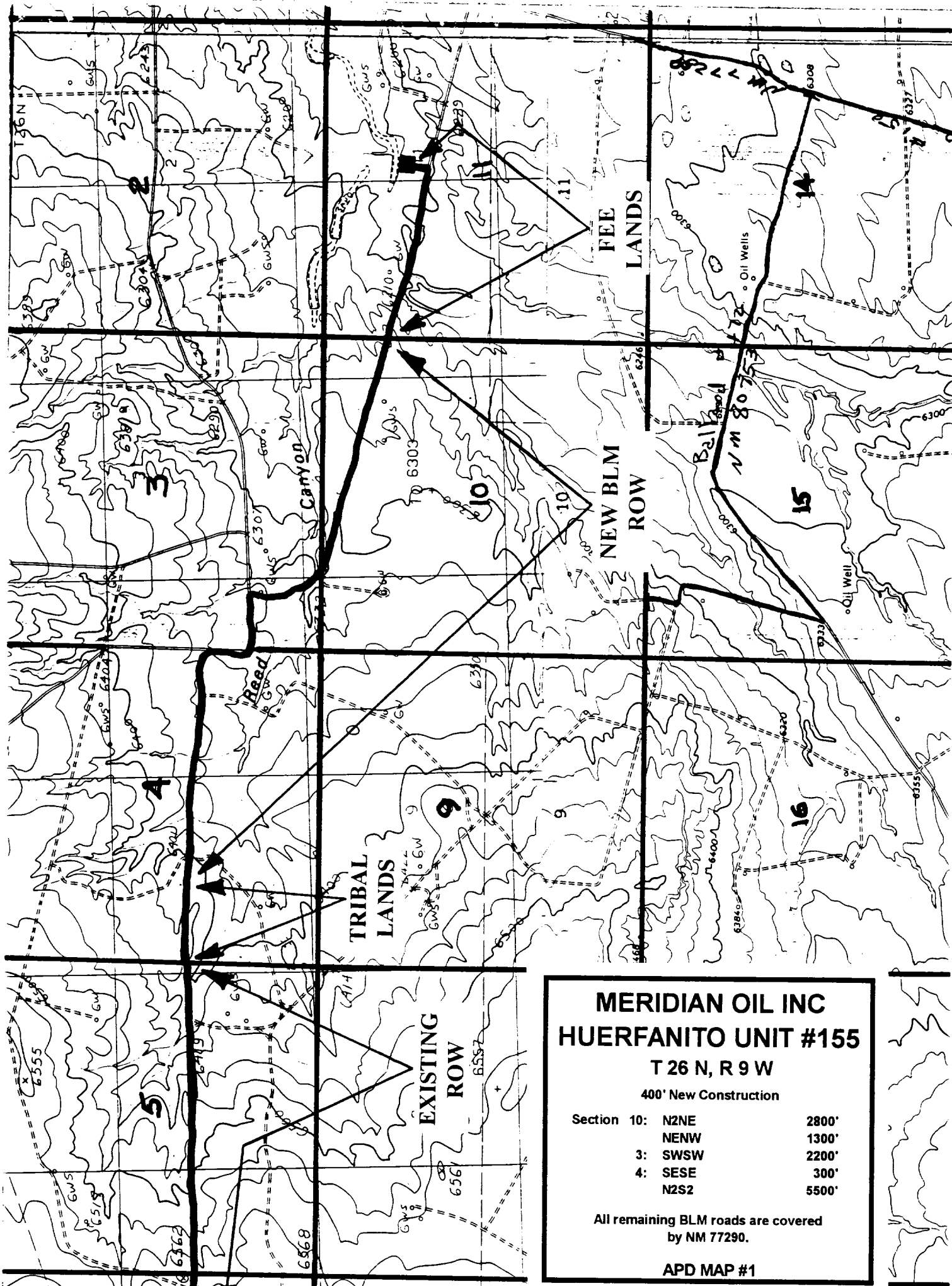
Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	24.0#	H-40
7 7/8" 6 1/4"	0 - 2100'	4 1/2"	10.5#	K-55
Tubing Program:	0 - 2100'	2 3/8"	4.7#	J-55

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 @ 1228'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1228'. 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" 2100 psi screw on independent wellhead.



**MERIDIAN OIL INC
HUERFANITO UNIT #155**

T 26 N, R 9 W

400' New Construction

Section 10:	N2NE	2800'
	NENW	1300'
3:	SWSW	2200'
4:	SESE	300'
	N2S2	5500'

All remaining BLM roads are covered
by NM 77290.

APD MAP #1