UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

94 SEP -7 AM 10:31

13. Type of Work DRILL 1b. Type of Well GAS 2. Operator MERDIAN OIL 1b. SEP 2 1 1994 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 4. Location of Well 1430 'FNL, 865 'FEL Latitude 36° 29' 30", Longitude 107° 48' 18" 14. Distance in Miles from Nearest Town 5 miles to Huerfano Trading Post 15. Distance from Proposed Location to Nearest Property or Lease Line 855' 16. Acres in Lease 17. Acres Assigned to Well 320 E/2 18. Distance from Proposed Location to Nearest Well, Drig, Compl., or Applied for on this Lease 2000' 19. Proposed Depth 2350' 21. Elevations (DF, FT, GR, Etc.) 6418 'GR 23. Proposed Casing and Cementing Program See Depth 2350' 24. Authorized by: Regional Drilling Engineer 5 Lease Number SF - 077980 6. If Indian, All. or Tribe 6. If Indian, All or Tribe 6. If Indian, All or Tribe 6. Indian, All or Tribe 6. If Indian, All or Indian, All or Indian, All or Indian, All Indian, All or Indian, All or Indian, All or Indian, All or Indi		APPLICATION FOR PERMIT TO DRILL, DEEPER	N, OR PLUG BACK 070 (Data (1907) OAL NE
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Archaeological Report submitted by Arboles Contract Arch. Technical Report #590 dated 07-2 PPROVED
Threatened and Endangered Species Report submitted by Ecosphere Environmental Services Standed DED
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NOTE: This format is issued in field of 6.6. Bein 1 6....

10 × 3

SEP 15 1994 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

Form C-10: Revised February 21, 199-Instructions on baci

6418'

OIL CONSERVATION DIVISION Santa Fe, NM 87504-2088 Submit to A Mill: 31

Submit to Appropriate District Office State Lease - 4 Copie

Fee Lease - 3 Copic

070 FARMANGTON, NM AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT ' Pool Name API Number ² Pool Code 71629 30-045-*29*[84 Basin Fruitland Coal ⁵ Property Name ' Well Number Huerfano Unit 520 ¹ Operator Name * Elevation

¹⁰ Surface Location

Meridian Oil Inc.

UL or lot no.	Section	Towaship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West time	County
Н	17	26N	9W		1430	North	865	East	s.j.
Il Davis III-la Lacrica If Different From Surface									

	"Bottom Hole Location if Different From Surface										
- [UL or lot ao.	Section	Township	P Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
- 1					1						
- 1			<u> </u>		1		<u> </u>	<u> </u>			
	12 Dedicated Acre	aniol " es	or infill	14 Consolidation	on Code 15	Order No.					
-	320		1								

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

. 58	OIL COL	1 1994	04	72.	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 Representative Title J. 29.94 Date
5288			USA SF-	077980	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 then the same is true and correct to the best of hybertal by 7 - 9 Date of Signature and scal of order tions Surveyor: 6857 Certificate Number

OPERATIONS PLAN

Huerfano Unit #520 Well Name:

1430'FNL, 865'FEL, Section 17, T-26-N, R-9-W Location:

San Juan County, New Mexico Latitude 36° 29' 30", Longitude 107° 48' 18"

Basin Fruitland Coal Formation:

6418'GL Elevation:

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1140'	
Ojo Alamo	1140'	1370'	aquifer
Kirtland	1370'	1795 '	
Fruitland	1795'	2118'	
Pictured Cliffs	2118'		
Total Depth	2350 '		

Logging Program: Mud logs: 1700' to TD

Dens/Neut/Por;Density/Corr;Micro/GR;Numar MR: 1650-TD

Ind/SP/GR: to TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'			40-50	no control
200-2350'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	<u>Wt.</u>	<u>Grade</u>	
12 1/4" 7 7/8"	0 - 200' 0 - 2350'	8 5/8 " 4 1/2 "	24.0# 10.5#		
Tubing Program:	0 - 2350'	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 @ 1370'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1370'. 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.

