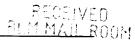
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



	APPLICAT	FION FOR PERMIT TO DRILL, DE	EEPEN, OR PLUG BACK 설립 STP 26 개발[]:			
1a. 1b.	Type of Work DRILL Type of Well GAS	DECEIVED OCT 1 0 1995	5. Lease Number NM-03154 Unit Reporting Number 6. If Indian, All. or Tribe			
2.	Operator MERIDIAN ©IL /4538	01L CON. DIV. Dist. 3	7. Unit Agreement Name			
3.	Address & Phone No. of C	Operator mington, NM 87499	8. Farm or Lease Name 6819 Ballard 9. Well Number 503			
4.	Location of Well 790/FNL, 1625/FEL Latitude 36° 29.6,	Longitude 107° 45.3	10. Field, Pool, Wildcat 7/629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec 14, T-26-N, R-9-W API # 30-045-29286			
14.	Distance in Miles from Ne 6.5 miles to Huerf		12. County 13. State San Juan NM			
15.	Distance from Proposed	Location to Nearest Property or Lea	se Line			
16.	Acres in Lease		17. Acres Assigned to Well 320 E/2			
18.		aais nauhjestestowar bnigatoan I review pursuant to 43 CFR 3165.				
19.		Il pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary			
21.	Elevations (DF, FT, GR, E	tc.)	22. Approx. Date Work will Start 4th quarter 1995			
23.	Proposed Casing and Cem		DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"			
24.	Authorized by: Region	Mulfield al Drilling Engineer	9-25-95- Date			
PERM	IT NO.	APPROVA	AL DATE			
APPR	OVED BY	TITLE	DATE			

Archaeological Report to be submitted

Threatened and Endangered Species Report submitted by Ecosphere Environmental dated 9-31-95 NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED AS AMENDED

0X (E)

DISTRICT MANAGE

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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-10 Revised February 21, 196

OIL CONSERVATION DIVISION MAIL Submit to Appropriate District Offic PO Box 2088
Santa Fe, NM 87504-2088
Santa Fe, NM 87504-2088

PO Box 2088, Santa Fe, NA	1 87504-2088				50 S	[] [Z3 AII]		AME	NDED REPOR
	WEL	L LO	CATION	I AND AC	CREAGE DEDY	CATION	LAT		
API Num	per		Pool Code	Ì		' Pool	Name		
30-045-29286 71629 Basin Fruitland Coal									
* Property Code					ty Name			* Well Number	
6819	-	BALLARD			·	503			
14538		'Operator Name MERIDIAN OIL INC.				' Elevation 6295 '			
				10 Surfac	e Location				
UL or lot no. Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
B 14		9 W		790	NORTH	1625	EAST	[SJ
		11 Bot	tom Hole	e Location	If Different Fr	om Surface			
UL or lot no. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
NO ALLOWABLE		ON-ST		UNIT HAS	FION UNTIL ALL BEEN APPROVED	D BY THE DI	VISION RATOR	CER formation	NSOLIDATED FIFICATION contained herein is knowledge and belief
	国 V区 0 1995	y		⊙ 	/625	Printed Na Regula Title Na Date	9-25	ld minis 95	
)(1). D(1)	<u>V</u> o		<i>NM</i> -1	03154	I hereby ce. was plotted or under m	raify that the win from field now y supervision. In the best of my b	eil location es of actua and that t	TIFICATION In shown on this plat In surveys made by me the same is true ar-

OPERATIONS PLAN

Well Name: Ballard #503

Location: 790'FNL, 1625'FEL Section 14, T-26-N, R-9-W

San Juan County, New Mexico

Latitude 36° 29.6, Longitude 107° 45.3

Formation: Basin Fruitland Coal

Elevation: 6295'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1215'	
Ojo Alamo	1215'	1324'	aquifer
Kirtland	1324'	1781'	
Fruitland	1781'	2002'	
Fruitland Coal	1867 ′	2002′	
Pictured Cliffs	2002'		
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.	Flu	id 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" 7 7/8"	0 - 200' 0 - 2200'	8 5/8" 4 1/2"	24.0# 10.5#	
Tubing Program:	0 - 2200'	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 @ 1324'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1324'. 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.

