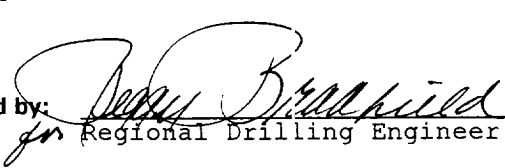


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-043260A 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 7290 Martin ✓ 9. Well Number 1R ✓
4. Location of Well 1000' FSL, 1175' FWL Latitude 36° 45.9', Longitude 107° 58.9	10. Field, Pool, Wildcat 71280 Aztec Pic.Cliffs ✓ 11. Sec., Twn, Rge, Mer. (NMPM) M Sec 34, T-30-N, R-11-W ✓ API # 30-045- 29356 ✓
14. Distance in Miles from Nearest Town 4 miles to Bloomfield, NM	12. County ✓ San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1000'	
16. Acres in Lease	17. Acres Assigned to Well 161.86 ✓
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 450'	
19. Proposed Depth 2350'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5822' GR	22. Approx. Date Work will Start First quarter 1996
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" 1-20-96 Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Arboles Contract Archaeology Technical Report # 853 dated 12-04-95
Threatened and Endangered Species Report submitted by Ecosphere Environmental
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED
MAR 13 1996
DISTRICT MANAGER

NMOC

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 N. Brannon 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-101
Revised February 21, 1992
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29356		2 Pool Code 71280		3 Pool Name Aztec Pictured Cliffs	
4 Property Code 7290		5 Property Name Martin			6 Well Number 1R
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.			9 Elevation 5822'

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
M	34	30 N	11 W		1000	South	1175	West	S.J.

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 161.86	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

16				17 OPERATOR CERTIFICATION			
4				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief			
3				Signature <i>Peggy Bradford</i>			
2				Printed Name Peggy Bradford			
1				Title Regulatory Administrator			
5				Date 12-27-95			
6				18 SURVEYOR CERTIFICATION			
7				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.			
8				Date of Survey 11-16-95			
9				Signature and Seal of Professional Surveyor <i>HELEN C. EDWARDS</i>			
10				Certificate Number 8857			
11							
12							
13							

OPERATIONS PLAN

Well Name: Martin #1R
Location: 1000' FSL, 1175' FWL Section 34, T-30-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 45.9', Longitude 107° 58.9'
Formation: Aztec Pictured Cliffs
Elevation: 5822' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	768'	
Ojo Alamo	768'	880'	aquifer
Kirtland	380'	1795'	
Fruitland	1795'	2118'	
Rowley Coal	1938'	2003'	gas
Middle Coal	2003'	2078'	gas
Basal Coal	2078'	2118'	gas
Pictured Cliffs	2118'		gas
Total Depth	2350'		

Logging Program: Mud logs from 1700' to Total Depth.
 CNL/hi res LDT/ML/GR/CAL to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2350'	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-55
7 7/8"	0 - 2350'	4 1/2"	10.5#	K-55

Tubing Program: - 2 3/8", 4.7#, J-55 EUE 8rd tbg landed @ 2350'

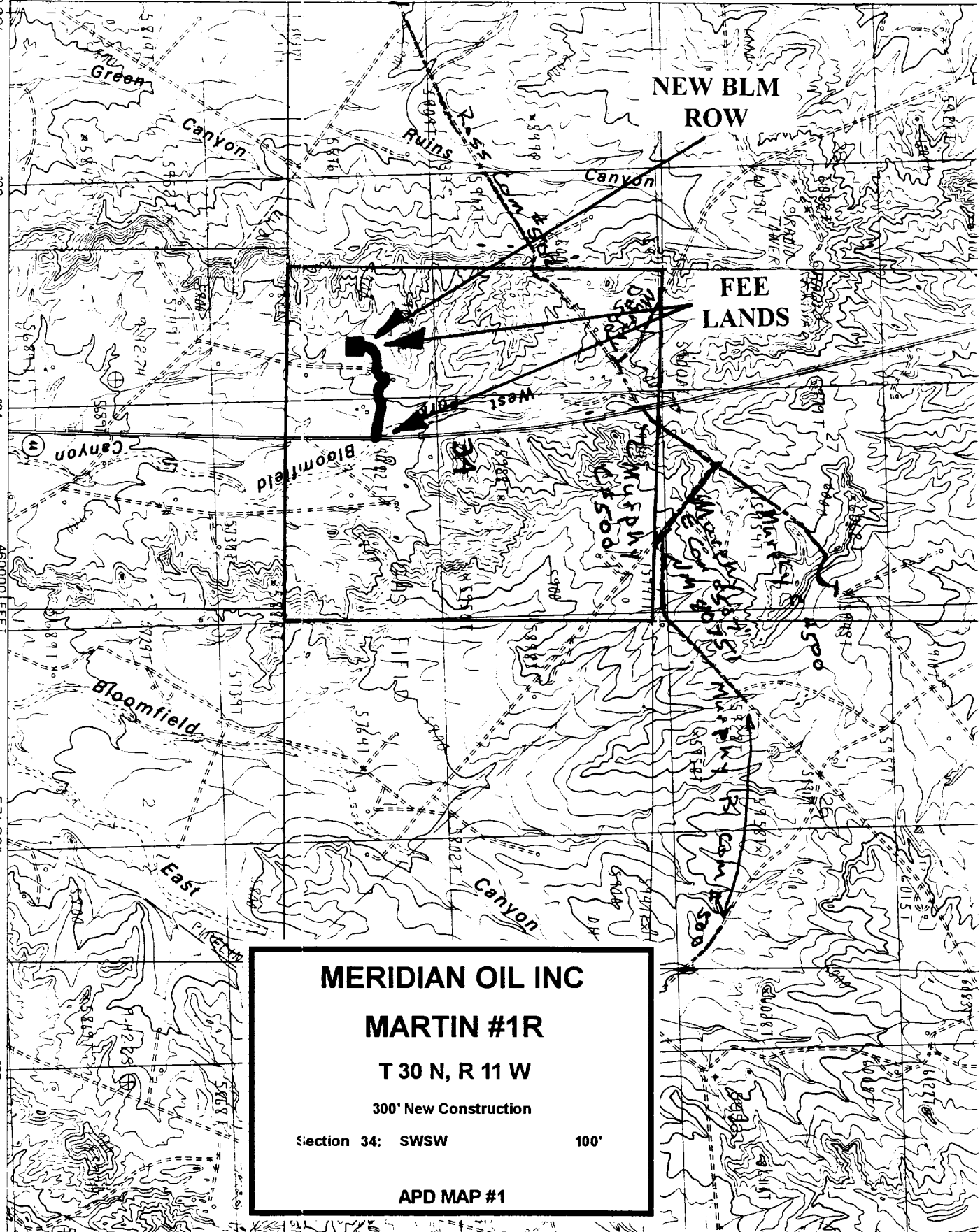
Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 880'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 880'. 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.

36° 45' 108° 00' 233 234 460000 FEET 57' 30" 237

2100 000
FEET



MERIDIAN OIL INC
MARTIN #1R
T 30 N, R 11 W
300' New Construction
Section 34: SWSW 100'
APD MAP #1

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN
FIELD CHECKED 1981 MAP EDITED
PROJECTION TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL MERCATOR ZONE 13
10000-FOOT STATE GRID TICKS NEW MEXICO, WEST ZONE
UTM GRID DECLINATION 1°00' WEST

