

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

36-145-22743

1a. Type of Work DRILL	5. Lease Number SF-077950	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14520	7. Unit Agreement Name Huerfano Unit 7129	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Huerfano Unit 9. Well Number 549	
4. Location of Well 1190'FNL, 890'FEL Latitude 36° 32' 09", Longitude 107° 53' 40"	10. Field, Pool, Wildcat 71624 Basin Fruitland Coal/ 70260 Fulcher Kutz PC Ext - 11. Sec., Twn, Rge, Mer. A Sec33, T27N, R10W ✓ NMPM	
14. Distance in Miles from Nearest Town 5 miles from Hill Top Store	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 890'		
16. Acres in Lease 452	17. Acres Assigned to Well 320/160 E/2 NE/4	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'		
19. Proposed Depth 2050'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6159'GR	22. Approx. Date Work will Start 2nd quarter 1993	
Proposed Casing and Cementing Program See Operations Plan attached		
24. OIL CON. DIV. Authorized by: <i>J. Caldwell</i> DIST. 3 Regional Drilling Engineer	OIL CON. DIV. DIST. 3 Date 3/1/93	

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted 12-21-92

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

APPROVED
AS AMENDED

MAR 17 1993
DISTRICT MANAGER

Scheme to Appropriation
District Office
State Lands - 4 copies
Fee Lands - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 00, Arama, NM 88210

DISTRICT III

1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		Well No.	
Meridian Oil Inc.		549	
Huerfano Unit			
Unit Letter	Section	Township	Range
A	33	27 North	10 West
County		San Juan	
Actual Footage Location of Well:			
1190		North	890
feet from the		line and	feet from the
Ground level Elev.	Producing Formation	Pool	Dedicated Acreage
6159'	Fruitland Coal/PioCliffs Basin/Fulcher Kutz Ext		320/160
			Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the names of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation unitization
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, encompassing such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc

Company

Date

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 that the same is true and correct to the best of my knowledge and belief.

11/13/92

Date Surveyed

C. EDWARDS
Name

Professional Surveyor

3357

RECEIVED

MAR 29 1993

OIL CON. DIV.
DIST. 3

OPERATIONS PLAN

Well Name: Huerfano Unit #549
Location: 1190'FNL, 890'FEL, Section 33, T-27-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 32' 09", Longitude 107° 53' 40"
Formation: Basin Fruitland Coal/Fulcher Kutz Pictured Cliffs Ext.
Elevation: 6159'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	861'	
Ojo Alamo	861'	970'	aquifer
Kirtland	970'	2632'	
Fruitland	1638'	1856'	
Fruitland Coal Top	1694'	1852'	gas & salt water
Pictured Cliffs	1856'		gas & water
Total Depth	2050'		

Logging Program: Mud logs from 1600' to Total Depth.
 DIL, CNL-LDT from surface to Total Depth.
 HRD, NGT from 1600' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2050'	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-40
7 7/8"	0 - 2050'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 2050'	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. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 970'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 970'. 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" 3000 psi xmas tree assembly.

