

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

94 OCT -4 PM 3:09

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078060A
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name Huerfano Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7139 Huerfano Unit
4. Location of Well 790' FSL, 1170' FWL Latitude 36° 28' 07", Longitude 107° 47' 55"	9. Well Number 136F
10. Field, Pool, Wildcat 7139 Basin Dakota	11. Sec., Twn, Rge, Mer. M Sec 21, T-26-N, R-9-W NMPM
14. Distance in Miles from Nearest Town 5 miles to Huerfano Trading Post	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 S/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1300'	20. Rotary or Cable Tools Rotary
19. Proposed Depth 6750'	22. Approx. Date Work will Start 4th quarter 1994
21. Elevations (DF, FT, GR, Etc.) 6457' GR	23. Proposed Casing and Cementing Program See Operations Plan attached This entire application is subject to the Federal and procedural rules of the BLM and 40 CFR 3165.3 and applicable state laws and regulations.
24. Authorized by: Regional Drilling Engineer	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" 9/30/94 Date

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

Archaeological Report submitted by Arboles Contract Arch. Technical Report #589 dated 7/29/94
Threatened and Endangered Species Report submitted by Ecosphere Environmental Services, Inc. dated 7/29/94
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

[Signature]

NMCCD

OCT 06 1994

Dist. Signed: J. E. M. M.
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

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
OCT - 4 PM 3:09

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

070 FARMINGTON, NM ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29196	Pool Code 71599	Pool Name Basin Dakota
Property Code 7142 7139	Property Name Huerfano Unit	Well Number 136 F
OGRID No. 14538	Operator Name MERIDIAN OIL INC.	Elevation 6457'

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	21	26 N	9 W		790	South	1170	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 320	13 Joint or Infill I	14 Consolidation Code	15 Order No.
---------------------------	-------------------------	-----------------------	--------------

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	5394.84		17 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 9-6-94 Date
RECEIVED OCT 11 1994 OIL CON. DIV. DIST. 3	21		
5274.72'		USA SF-078060-A	
1170'			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 that the same is true and correct to the best of my knowledge and belief. Date of Survey 7-6-94 Signature and Seal of Professional Surveyor 6857 Certificate Number
790'			
	5208.06		

OPERATIONS PLAN

Well Name: Huerfano Unit #136F
Location: 790'FSL, 1170'FWL Section 21, T-26-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 28' 07", Longitude 107° 47' 55"
Formation: Basin Dakota
Elevation: 6457'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	Nacimiento	1188'	
Ojo Alamo	1188'	1748'	aquifer
Fruitland	1748'	2000'	gas
Pictured Cliffs	2000'	2866'	gas & oil
Chacra	2866'	4405'	salt water
Pt. Lookout	4405'	5458'	salt water
Gallup	5458'	6325'	gas & oil
Greenhorn	6325'	6380'	gas & oil
Graneros	6380'	6505'	gas & oil
Dakota	6505'		gas & oil
Total Depth	6750'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 5300' to TD.
 Coring - none
 DST - none
 Electric logs - DIL/SP/GR; Density/Neut/GR; Microlog-GR;

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-6750'	LSND	8.4-9.1	30-60	no control

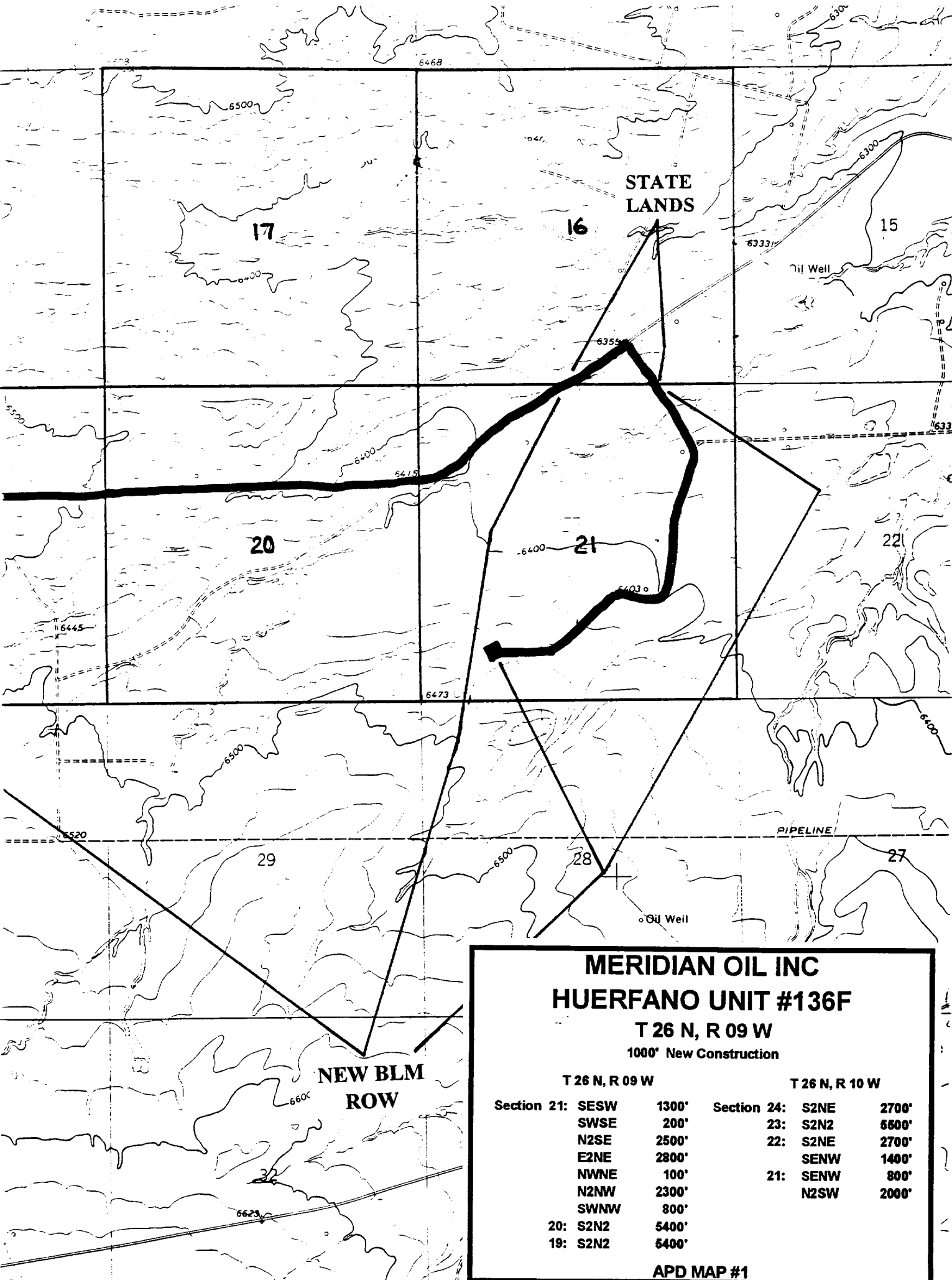
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 6750'	4 1/2"	11.6#	N-80

Tubing Program:

0' - 6750' 2 3/8" 4.7# J-55 EUE



**MERIDIAN OIL INC
HUERFANO UNIT #136F**

T 26 N, R 09 W

1000' New Construction

T 26 N, R 09 W

T 26 N, R 10 W

Section 21:	SESW	1300'	Section 24:	S2NE	2700'
	SWSE	200'		S2N2	5500'
	N2SE	2500'		22: S2NE	2700'
	E2NE	2800'		SENW	1400'
	NWNE	100'		21: SENW	800'
	N2NW	2300'		N2SW	2000'
	SWNW	800'			
20: S2N2	5400'				
19: S2N2	5400'				

