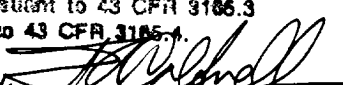


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED JUN 27 1994	5. Lease Number NM-09840
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7594 Tibbar Federal 9. Well Number 1E
4. Location of Well 855' FSL, 1180' FWL Latitude 36° 28' 59", Longitude 107° 44' 35"		10. Field, Pool, Wildcat 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. M Sec 13, T-26-N, R-9-W NMPM
14. Distance in Miles from Nearest Town 7 miles to Huerfano Trading Post	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 855'		
16. Acres in Lease	17. Acres Assigned to Well 320 W/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 160'		
19. Proposed Depth 6770'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6326' GR	22. Approx. Date Work will Start 3rd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.		
24. Authorized by:  Regional Drilling Engineer	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" 6/17/94 Date	

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

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NMOCD

**APPROVED
AS AMENDED**

JUN 22 1994
DISTRICT MANAGER

5217.30

OPERATIONS PLANWell Name: Tibbar Federal #1ELocation: 855'FSL, 1180'FWL Section 13, T-26-N, R-9-W
San Juan County, New Mexico
Latitude 36° 28' 59", Longitude 107° 44' 35"Formation: Basin DakotaElevation: 6326'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	Nacimiento	1260'	
Ojo Alamo	1260'	1752'	aquifer
Fruitland	1752'	2002'	gas
Pictured Cliffs	2002'	2874'	gas
Chacra	2874'	3557'	salt water
Cliff House	3557'	5457'	salt water
Gallup	5457'	5826'	gas & oil
Tocito	5826'	6379'	
Greenhorn	6379'	6499'	gas & oil
Dakota	6499'		gas & oil
Total Depth	6770'		

Logging Program:

Mud Logs/Coring/DST -

Mud logs - 1700' 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- 200'	Spud	8.4-8.9	40-50	no control
200-6770'	LSND	8.4-9.1	30-60	no control

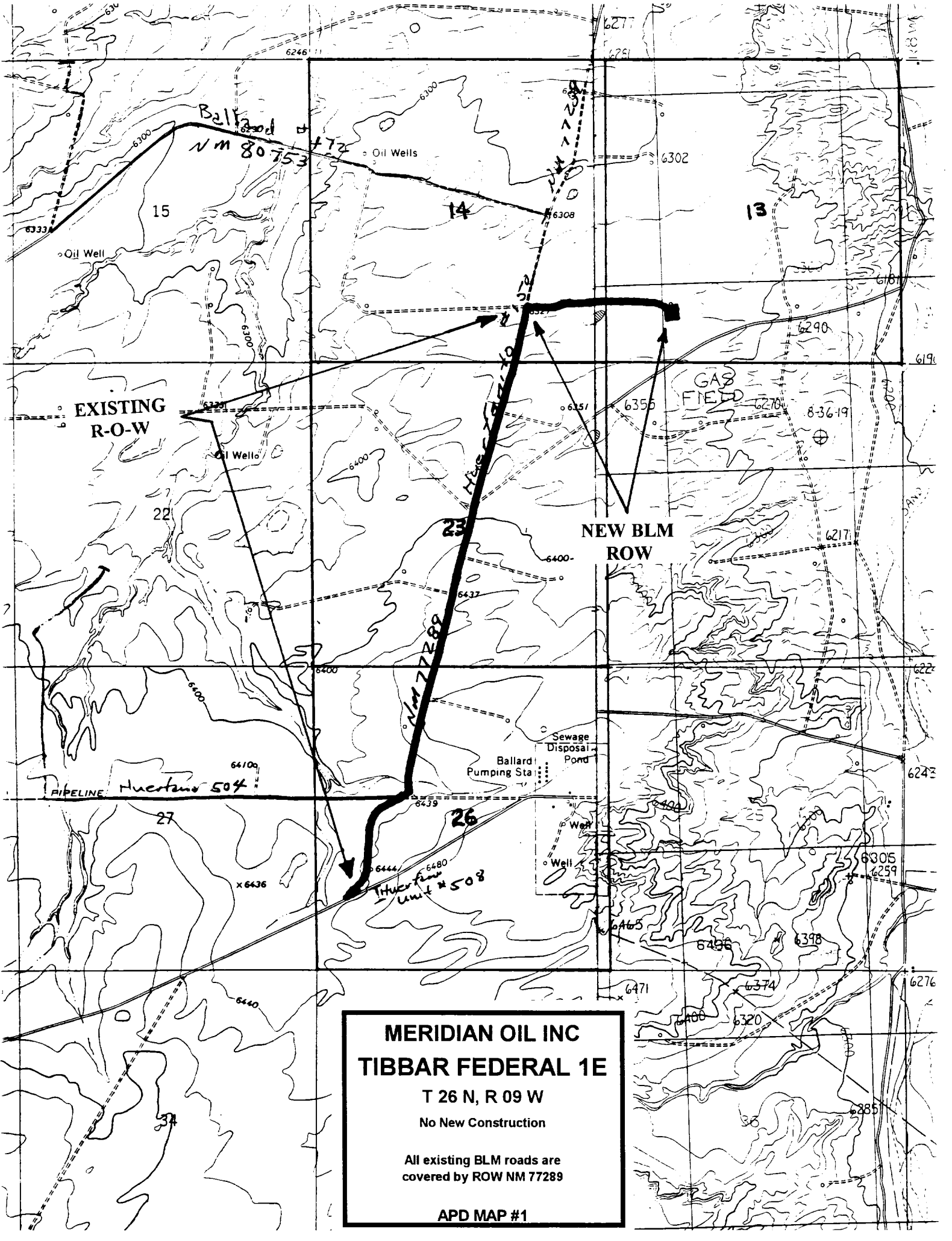
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	8 5/8"	24.0#	K-55
7 7/8"	0' - 6770'	4 1/2"	11.6#	N-80

Tubing Program:

0' - 6770' 2 3/8" 4.7# J-55 EUE



MERIDIAN OIL INC
TIBBAR FEDERAL 1E
T 26 N, R 09 W
No New Construction
All existing BLM roads are
covered by ROW NM 77289
APD MAP #1