

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

**NM 56745**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**SHINNERY FEDERAL NO. 5**

9. API Well No.

**30-025-30766**

10. Field and Pool, or exploratory Area

**WEST CORBIN DELAWARE**

11. County or Parish, State

**LEA NM**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**MERIDIAN OIL INC.**

3. Address and Telephone No.

**P.O. Box 51810, Midland, TX 79710-1810 915-688-6943**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1650' FNL & 2310' FWL  
SEC. 13, T18S, R32E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **WATER DISPOSAL**
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**PLEASE FIND ATTACHED THE WATER ANALYSIS FOR PARTICULAR WELL AS REQUESTED IN NOTICE OF NON COMPLIANCE ISSUED ON AUGUST 19, 1994.**

14. I hereby certify that the foregoing is true and correct

Signed

**REGULATORY ASSISTANT**

Date **10/11/94**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

PETROLITE

# TRETOLITE DIVISION

Petrolite Corporation  
200 North Loraine, Suite 1100  
Midland, TX 79701-4736

(915) 682-4301  
Fax (915) 684-7873

Reply to:  
P.O. Box 60180  
Midland, TX 79711-0180

## WATER ANALYSIS REPORT

Company : MERIDIAN OIL COMPANY  
Address : ARTESIA, NEW MEXICO  
Lease : SHINNERY FEDERAL  
Well : NO. 5  
Sample Pt. :

Date : 7-6-94  
Date Sampled : 6-23-94  
Analysis No. : 1769

ANALYSIS	mg/L	* meq/L
1. pH	6.4	
2. H2S	5 PPM	
3. Specific Gravity	1.160	
4. Total Dissolved Solids	240551.3	
5. Suspended Solids		
6. Dissolved Oxygen		
7. Dissolved CO2	740 PPM	
8. Oil In Water		
9. Phenolphthalein Alkalinity (CaCO3)		
10. Methyl Orange Alkalinity (CaCO3)		
11. Bicarbonate	HCO3 85.0	HCO3 1.4
12. Chloride	Cl 149000.0	Cl 4203.1
13. Sulfate	SO4 721.0	SO4 15.0
14. Calcium	Ca 18200.0	Ca 908.2
15. Magnesium	Mg 4433.0	Mg 364.7
16. Sodium (calculated)	Na 67742.8	Na 2946.6
17. Iron	Fe 1.5	
18. Barium	Ba 0.0	
19. Strontium	Sr 368.0	
20. Total Hardness (CaCO3)	63764.0	

RECEIVED  
OCT 13 1 09 PM '94  
BUREAU OF LAND MANAGEMENT  
HOBBBS, NM.

## PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
908 *Ca <----- *HCO3	Ca(HCO3)2	81.0	1.4 113
/----->	CaSO4	68.1	15.0 1022
365 *Mg -----> *SO4	CaCl2	55.5	891.8 49485
<-----/	Mg(HCO3)2	73.2	
2947 *Na -----> *Cl	MgSO4	60.2	
	MgCl2	47.6	364.7 17362
	NaHCO3	84.0	
	Na2SO4	71.0	
	NaCl	58.4	2946.6 172201

Saturation Values Dist. Water 20 C  
CaCO3 13 mg/L  
CaSO4 \* 2H2O 2090 mg/L  
BaSO4 2.4 mg/L

REMARKS: HOLLINGER - BENNETT - FILE