

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. L 1980  
HOBBS, NEW MEXICO 88240

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

5. Lease Designation and Serial No.

NMO 766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SW25

8. Well Name and No. CARLSON A

# 1

9. API Well No. 11710

30-025-1170900

10. Field and Pool, or Exploratory Area

JUSTIS GLORIETTA PRO GAS

11. County or Parish, State

LEA COUNTY

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

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

915-688-6943

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

SE/SE OF SEC. 23, T25S, R37E

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 METHOD OF 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.)\*

1. WATER IS PRODUCED FROM THE GLORIETTA FORMATION

2. APPROXIMATELY 121 BBL/MONTH (3.98 BBL/DAY) IS PRODUCED

3. WATER ANALYSIS ATTACHED

4. WATER GOES TO KNOCKOUT WHICH IS ATTACHED TO SWD LINE OPEATED BY RICE ENGR. CO-OP

5. SWD LINE OPERATED BY RICE ENGR. CO-OP

6. WATER IS DISPOSED OF AT THE JET DISPOSAL FACILITY LOCATED IN TEXAS.

Jet Disposal Inc. P.O. Box 914, Kermit, Tx 79745, Scharborough "H" Well # 9  
Permit # 04026, RRC # 05351, Winkler County, Tx, Dist. 8, Sec. 4, Blk C-22  
PSL Survey

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

Signed DORNA WILLIAMS

Title PRODUCTION ASST.

Date 12/17/93

(This space for Federal or State office use)

Approved by Adam Salameh

Title Petroleum Engineer

Date 2/8/94

Conditions of approval, if any:

- SEE ATTACHED -

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

BUREAU OF LAND MANAGEMENT  
CARLSBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.



PHONE: (505) 393-7726

GP.O.BOX 2187  
HOBBS, N.M. 88240

## WATER ANALYSIS REPORT

Report for: Joe Moya  
cc: Marc Farris  
cc:  
cc:  
Company: Meridian  
Address:  
Service Engineer: Kenny KearneyDate sampled: 8-18-93  
Date reported: 8-27-93  
Lease or well #: Carlson A  
County: State:  
Formation:  
Depth:  
Submitted by: Kenny KearneyCHEMICAL COMPOSITION :  
Chloride (Cl)  
Iron (Fe) (total)  
Total hardness  
Calcium (Ca)  
Magnesium (Mg)  
Bicarbonates (HCO3)  
Carbonates (CO3)  
Sulfates (SO4)  
Hydrogen sulfide (H2S)  
Carbon dioxide (CO2)  
Sodium (Na)  
Total dissolved solids  
Barium (Ba)  
Strontium (Sr)mg/L  
67000  
238.0  
12600  
3208  
1117  
439  
n/a  
1945  
20  
131  
38820  
112531  
n/a  
n/a  
meq/L  
1890  
  
160  
90  
7  
  
40  
  
1688Specific Gravity 1.080  
Density (#/gal.) 9.000  
pH 6.300  
IONIC STRENGTH 2.08Stiff-Davis (CaCO3) Stability Index :  
SI = pH - pCa - pAlk - KSI @ 86 F = -0.15  
104 F = +0.08  
122 F = +0.34  
140 F = +0.63  
158 F = +0.94This water is 1785 mg/l (-39.31%) under ITS CALCULATED  
CaSO4 saturation value at 82 F.  
SATURATION= 4541 mg/L PRESENT= 2756 mg/L

To	Carlson King	From	Kenny Kearney
Co.		Co.	Champion
Dept.		Phone	
Fax		Fax	

Post-it brand fax transmittal memo / 6/7/93 # of pages = 2