

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
P.O. Box 1980  
Hobbs, NM 88241

**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

Kelton Operating Corporation

3. Address and Telephone No.

Post Office Box 276, Andrews, Texas 79714 (915) 524-6400

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

NW4 SW4 Sec. 4, T-23-S, R-37-E

1650' FSL 660' FWL

5. Lease Designation and Serial No.  
NMLC032452A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Langlie Mattix 4 Fed. #1

9. API Well No.

30-025-32743

10. Field and Pool, or Exploratory Area

N. Teague Abo/Drinkard  
Tubb/Lwr Paddock-Blaine

11. County or Parish, State

Lea, NM

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

- ☐ 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. Producing Formations - Abo, Drinkard, Tubb, Lower Paddock/Blaine
2. Barrels water produced per day - 52
3. Water Analysis attached.
4. Storage - 500 barrel fiber-glass tank.
5. Water is trucked from location.
6. Disposal Facility -
  - A. Operator - DBI Services, Inc.
  - B. Well Name - University B6
  - C. Well Type - SWDW, Well Number - #3
  - D. NE4 SE4 Section 11, Block A-36, Andrews County, Texas
7. Underground injection permit attached.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed C. Dale Kelton Title President

Date 7-1-97

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

Date JUL 10 1997

Conditions of approval, if any:

DATE: 6/24/97

OMEGA TREATING CHEMICALS, INC.  
2500 W. FRANCES STREET  
MIDLAND, TEXAS 79701

WATER ANALYSIS REPORT

COMPANY NAME: KELTON OPERATING  
LEASE NAME: LANGLEIE MATIX 4 FED  
WELL#\SAMPLE POINT: #1

1. WELLHEAD pH	6.73
2. H <sub>2</sub> S (QUALITATIVE)	0.00 PPM
3. CALCIUM (Ca)	3920.00 Mg/L
4. MAGNESIUM (Mg)	3013.20 Mg/L
5. IRON (Fe)	3.26 PPM
6. SODIUM	65089.13 Mg/L
7. CHLORIDE (Cl)	113600.00 Mg/L
8. BICARBONATE (HCO <sub>3</sub> )	183.00 Mg/L
9. SULFATE (SO <sub>4</sub> )	1522.6 Mg/L
10. TOTAL HARDNESS	22200.00 Mg/L
11. TOTAL DISSOLVED SOLIDS	187331.16 Mg/L
12. RESISTIVITY	0.04
13. CARBONATE SCALING TENDENCY	0.51
14. SULFATE SCALING TENDENCY	-25.88

BOPD \_\_\_\_

BWPD \_\_\_\_

REMARKS: \_\_\_\_\_

COPIES TO: JOHN NOGELMEIER

**RAILROAD COMMISSION OF TEXAS**  
**OIL AND GAS DIVISION**

JAMES E. GIM NUORNT, Chairman

KENT HANCE, Commissioner

JOHN SHARP, Commissioner



JIM MORROW, P.E.

Director

JERRY W. MULLICAN

Director of Underground

Injection Control

1701 N. CONGRESS

CAPITOL STATION - P.O. DRAWER 12967

AUSTIN, TEXAS 78711-2967

**PERMIT TO INJECT FLUID INTO A RESERVOIR**  
**PRODUCTIVE OF OIL OR GAS**

PROJECT NO. F 11993

Kemper Operating Co.  
2600 S. Willis  
Abilene, TX 79606

Based on information contained in your application (Forms H-1 and H-1A) dated October 5, 1988, you are hereby authorized to use the following well to inject fluid into the San Andres Formation:

University -BG- Lease, Well No. 3,  
Deep Rock (Glorieta 5950) Field, Andrews County, RRC District 00

This authority is granted in accordance with Statewide Rule 46 of the Railroad Commission of Texas and subject to the following special and standard conditions:

**SPECIAL CONDITIONS:**

1. Fluid shall only be injected into strata in the subsurface depth interval from 4300 feet to 5600 feet.
2. The injection volume of salt water shall not exceed 3000 barrels per day.
3. The maximum operating surface injection pressure shall not exceed 2150 psig.
4. The authority to inject fluid is limited to the injection of salt water.

**STANDARD CONDITIONS:**

1. Fluid injection must be through tubing set on a packer.
2. The District Office must be notified 48 hours prior to:
  - a. running tubing and setting packer;
  - b. beginning any workover or remedial operation;
  - c. conducting any required pressure tests or surveys.
3. The wellhead must be equipped with a pressure observation valve on the tubing and for each annulus.
4. Prior to beginning injection, and subsequently after any workover, an annulus pressure test must be performed. The test pressure must equal the maximum authorized injection pressure or 500 psig, whichever is less, but must be at least 200 psig. The test must be performed and the results submitted in accordance with the instructions of form H 5.