

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

P.O. BOX 1980  
HOBBS, NEW MEXICO 88240

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Permian Resources, Inc., DBA Permian Partners, Inc.

3. Address and Telephone No.

P.O. Box 590 Midland, TX 79702 915-685-0113

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

2310 FEL, 1650 FSL,  
Sec 26, T25S-R37E

5. Lease Designation and Serial No

LC 032579C

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CARLSON B26 #3

9. API Well No

30-025-11795

10. Field and Pool, or Exploratory Area

LANGUE MATTIX, SRG, O.

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.)\*

Request approval for water disposal as  
indicated by DNC ASC-136-94.  
Requirements are attached.



RECEIVED  
JUL 11 9 35 AM '94  
BUREAU OF LAND MGMT.  
HOBBS, NM.

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

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Orig. Signed by Adam Salameh

Title

Petroleum Engineer

Date

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

(rev. 3/10/94)

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 Onshore Oil and Gas Order No. 7.
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.

CARLSON I 26#3

Attachment to Incidence of Non-Compliance #ASC-136-94 for LC032579E.

1. Langlie Mattix, SR, QN, GB
2. Less than one (1) BPD
3. Attached water analysis
4. Water stored in 210 water tank
5. Water is moved by trucks
6. Disposal Facility
  - a. Jet Disposal System, Inc.
  - b. Scarborough H
  - c. Water injection well
  - d. Section 4, C-22 PSL Survey, Winkler County, Texas
7. Copy of the Underground Control Permit attached

**RECEIVED**

**JUL 17 1990**

**UCC HOBBS  
OFFICE**

# TRETOLITE

Chemicals and Services

PETROLITE

16010 Barker's Point Lane • Houston, Texas 77079  
713 558-5200 • Telex: 4620346 • FAX: 713 589-4737

Reply to: P.O. Box 5250  
Hobbs, New Mexico 88241  
(505) 392-6711 Phone  
(505) 392-3759 Fax

## WATER ANALYSIS REPORT

Company : PERMIAN RESOURCES  
Address :  
Lease : CARLSON B-26  
Well : #3  
Sample Pt. : WELLHEAD

Date : 05/18/94  
Date Sampled : 05/17/94  
Analysis No. :

ANALYSIS		mg/L		* meq/L
-----		----		-----
1. pH	6.7			
2. H <sub>2</sub> S	15 PPM			
3. Specific Gravity	1.050			
4. Total Dissolved Solids		65860.6		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO <sub>2</sub>		30 PPM		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO <sub>3</sub> )				
10. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		180.0		
11. Bicarbonate	HCO <sub>3</sub>	219.6	HCO <sub>3</sub>	3.6
12. Chloride	Cl	38388.8	Cl	1082.9
13. Sulfate	SO <sub>4</sub>	4200.0	SO <sub>4</sub>	87.5
14. Calcium	Ca	1515.0	Ca	75.6
15. Magnesium	Mg	4191.0	Mg	344.8
16. Sodium (calculated)	Na	17324.4	Na	753.6
17. Iron	Fe	21.7		
18. Barium	Ba	0.0		
19. Strontium	Sr	0.0		
20. Total Hardness (CaCO <sub>3</sub> )		21038.9		

## PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter		Compound	Equiv wt	X meq/L	= mg/L
-----		-----	-----	-----	-----
76 *Ca <-----	*HCO <sub>3</sub>	Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.0	3.6	292
----- /----->		CaSO <sub>4</sub>	68.1	72.0	4900
345 *Mg ----->	*SO <sub>4</sub>	CaCl <sub>2</sub>	55.5		
----- <----- /		Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.2		
754 *Na ----->	*Cl	MgSO <sub>4</sub>	60.2	15.5	930
-----		MgCl <sub>2</sub>	47.6	329.3	15678
Saturation Values Dist. Water 20 C		NaHCO <sub>3</sub>	84.0		
CaCO <sub>3</sub>	13 mg/L	Na <sub>2</sub> SO <sub>4</sub>	71.0		
CaSO <sub>4</sub> * 2H <sub>2</sub> O	2090 mg/L	NaCl	58.4	753.6	44038
BaSO <sub>4</sub>	2.4 mg/L				

## REMARKS:

----- W. DICKERSON / MLAB / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,  
ROZANNE

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

JAMES E. (JIM) NUGENT, Chairman  
MARY SCOTT NABERS, Commissioner  
BARRY WILLIAMSON, Commissioner



DAVID M. GARLICK  
Director  
LORI WROTENBERY  
Director of  
Environmental Services  
(512) 463-6790  
Fax (512) 463-6780

1701 N. CONGRESS

P. O. BOX 12967

AUSTIN, TEXAS 78711-2967

PERMIT TO INJECT FLUID INTO A RESERVOIR  
PRODUCTIVE OF OIL AND GAS

PROJECT NO. F 9383, AMENDED

Jet Disposal System, Inc.  
P. O. Box 953  
Midland, TX 79702

Based on information contained in your application (Forms H-1 and H-1A) dated September 7, 1993, you are hereby authorized to use the following well to inject fluid into the Seven Rivers Formation:

Scarborough -H- Lease, (05351), Well No. 9D, Scarborough Field, Winkler County,  
RRC District 08

Authority is granted to inject 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 2835 feet to 3060 feet.
2. The injection volume of salt water shall not exceed 2000 barrels per day.
3. The maximum operating surface injection pressure shall not exceed 1400 psig.
4. The authority to inject fluid is limited to the injection of salt water.

STANDARD CONDITIONS:

1. 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.
5. The injection pressure and injection volume must be monitored at least monthly and reported annually on Form H-10 to the Commission's Austin office.
6. Within 30 days after completion, conversion to fluid injection, or any workover which results in a change in well completion, a new Form W-2 or G-1 must be filed in duplicate with the District Office to show the current completion status of the well and to show the current production test allowable to be transferred from converted wells to producing wells on the same lease. The date of the injection permit and the project number must be included on the new Form W-2 or G-1.
7. Written notice of intent to transfer the permit to another operator must be submitted to the Commission at least 15 days prior to the date the transfer will occur by filing Form P-4.
8. A well herein authorized cannot be converted to a producing well and have an allowable assigned without filing an amended Form W-1 and receiving Commission approval.
9. Unless other wise required by conditions of the permit, completion and operation of the well shall be in accordance with the information represented on the application (Forms H-1 and H-1A).

Provided further that, should it be determined that such injection fluid is not confined to the approved strata, then the permission given herein is suspended and the fluid injection must be stopped until the fluid migration from such strata is eliminated.

APPROVED AND ISSUED ON November 18, 1993.

  
Lori Wrotenberg  
Director of Environmental Services

**RECEIVED**

**JUL 17 1995**

**U CD HOBBS  
OFFICE**