

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. BOX 1980  
NOBBS, 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 00&GO #7 III.A

2. Name of Operator  
Conoco Inc.

3. Address and Telephone No.  
10 Desta Dr., Ste 100W, Midland, Tx 79705 (915) 686-5400

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

Sec. 35, T-23S, R-36E

'NWSE'

5. Lease Designation and Serial No.

971030556A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stevens A-35

9. API Well No.

10. Field and Pool, or Exploratory Area

Langlie Mattix

11. County or Parish, State

Lea

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 Reply to 00&GO #7 III.A

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion or 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.)\*

Water Producing Formation:

Langlie Mattix

Amount of Water Produced:

7 Bbls of Water Per Day

Current Water Analysis Attached: Yes

How is Water Stored on Lease:

Skim tank

How is Water Moved:

Truck

1) Disposal Facility Operator:

Mar Water Disposal Inc.

Disposal Facility Well Name/#:

Cities Federal #1, Sec. 30, T-22S, R-36E

NMOCD SWD Facility Permit #:

Order # R-7504

2) Disposal Facility Operator:

Parabo, Inc.

Disposal Facility Well Name/#:

Sec. 29, T-21S, R38E

NMOCD SWD Facility Permit #:

Order # R-5516-B

3) Disposal Facility Operator:

McCasland Services SWD

Disposal Facility Well Name/#:

Atha #1, Day #1 & #2, Sec. 21, T-21S, R-36E and

NMOCD SWD Facility Permit #:

R-3781 & R-3694 Sec. 6, T-22S, R-36E

Your approval of this method of disposal is respectfully requested.

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

Signed

Title

Date 3/8/94

(This space for Federal or State office use)

Signed by Shannon J. Shaw

Title

PETROLEUM ENGINEER

Date

3/30/94

Approved by

Conditions of approval, if any:

# TRETOLITE



16010 Barker's Point Lane, Suite 450  
Houston, Texas 77079-4021  
713 558-5200 • 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 : CONOCO INC.  
Address : EUNICE NM  
Lease : STEVENS A-35  
Well : 3  
Sample Pt. : WELLHEAD

Date : 2-25-94  
Date Sampled : 2-24-94  
Analysis No. : 1137

ANALYSIS		mg/L		* meq/L
1. pH	6.2			
2. H2S	70 PPM			
3. Specific Gravity	1.065			
4. Total Dissolved Solids		116431.5		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO2		200 PPM		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO3)				
10. Methyl Orange Alkalinity (CaCO3)		1530.0		
11. Bicarbonate	HCO3	1866.6	HCO3	30.6
12. Chloride	Cl	71248.8	Cl	2009.8
13. Sulfate	SO4	1800.0	SO4	37.5
14. Calcium	Ca	689.4	Ca	34.4
15. Magnesium	Mg	6904.0	Mg	568.0
16. Sodium (calculated)	Na	33922.2	Na	1475.5
17. Iron	Fe	0.5		
18. Barium	Ba	NR		
19. Strontium	Sr	NR		
20. Total Hardness (CaCO3)		30147.1		

## PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
34 *Ca <----- *HCO3	Ca(HCO3)2	81.0	30.6	2480
568 *Mg <-----> *SO4	CaSO4	68.1	3.8	259
1476 *Na <-----> *Cl	CaCl2	55.5		
	Mg(HCO3)2	73.2		
	MgSO4	60.2	33.7	2027
	MgCl2	47.6	534.3	25436
Saturation Values Dist. Water 20 C	NaHCO3	84.0		
CaCO3 13 mg/L	Na2SO4	71.0		
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	1475.5	86229
BaSO4 2.4 mg/L				

REMARKS: Tad Buchanan/Daniel Alexander/Paul Adams  
Greg Archer/File

### SCALE TENDENCY REPORT

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Company	: CONOCO INC.	Date	: 2-25-94
Address	: EUNICE NM	Date Sampled	: 2-24-94
Lease	: STEVENS A-35	Analysis No.	: 1137
Well	: 3	Analyst	: TOM WILTON
Sample Pt.	: WELLHEAD		

#### STABILITY INDEX CALCULATIONS (Stiff-Davis Method) CaCO3 Scaling Tendency

S.I. =	-0.1	at	40 deg. F	or	4 deg. C
S.I. =	-0.0	at	60 deg. F	or	16 deg. C
S.I. =	0.1	at	80 deg. F	or	27 deg. C
S.I. =	0.1	at	100 deg. F	or	38 deg. C
S.I. =	0.2	at	120 deg. F	or	49 deg. C

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#### CALCIUM SULFATE SCALING TENDENCY CALCULATIONS (Skillman-McDonald-Stiff Method) Calcium Sulfate

S =	6488	at	40 deg. F	or	4 deg C
S =	6987	at	60 deg. F	or	16 deg C
S =	7373	at	80 deg. F	or	27 deg C
S =	7618	at	100 deg. F	or	38 deg C
S =	7734	at	120 deg. F	or	49 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,  
TOM WILTON

PETROLITE

(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.