

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

F M. OIL CONS. COMMISSION  
J. BOX 1980  
HOBBS, NEW MEXICO 88240

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

5. Lease Designation and Serial No.  
NM2244

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Sarah B #2

9. API Well No.  
30-025-32052

10. Field and Pool, or Exploratory Area  
Cline-Tubb & Lwr Pdk/Blmby

11. County or Parish, State  
Lea

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Samedan Oil Corporation

3. Address and Telephone No.

12600 Northborough, #250, Houston, Tx 77067 (713)876-6150

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

2310 FSL & 1803 FWL, Sec 12, T-23S, R-37E, Lea County

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 NTL-2B Report
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

Onshore Order #7

(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.)\*

Well Name - Sarah B Well #2

Producing Formation - Cline Tubb & Lower Paddock/Blmby

Volume - Tubb - 4 bbls per day water  
Lower Paddock/Blmby - 5 bbls per day water

Storage facility on location - one 500 bbl steel welded tank

Hauler of Produced water - Chaparral

Disposal Well - Chaparral SWD Facility, Well Lea #1B  
Unit B, Sec 17, T-23S, R-37E, Lea County

SWD Permit Number - 292

Water Analysis Attached

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

Signed *Judy Thronley*

Title Division Production Clerk

Date 04/07/94

(This space for Federal or State office use)

PETROLEUM ENGINEER

Approved by *Shannon J. Shaw*

Title

Date

5/4/94

Conditions of approval, if any:

RECEIVED

MAY 11 1961

JOHN WOODS  
OFFICE



P.O. BOX 2187  
DBBS, N.M. 88240

PHONE: (505) 393-7726

## WATER ANALYSIS REPORT

Report for:	Date sampled: 04-06-94
cc:	Date reported: 04-08-94
cc:	Lease or well #: Sarah #1+2
cc:	County: State:
Company: Samedan Oil	Formation:
Address:	Depth:
Service Engineer: Mike Carson	Submitted by: Mike Carson

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	66000	1862
Iron (Fe) (total)	18.0	
Total hardness	22400	
Calcium (Ca)	5854	292
Magnesium (Mg)	1895	152
Bicarbonates (HCO <sub>3</sub> )	317	5
Carbonates (CO <sub>3</sub> )	n/a	
Sulfates (SO <sub>4</sub> )	1643	34
Hydrogen sulfide (H <sub>2</sub> S)	n/a	
Carbon dioxide (CO <sub>2</sub> )	n/a	
Sodium (Na)	33508	1457
Total dissolved solids	109219	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity	1.078
Density (#/gal.)	8.984
pH	6.600
IONIC STRENGTH	2.14

Stiff-Davis (CaCO<sub>3</sub>) Stability Index :  
 $SI = pH - pCa' - pAlk - K$

SI @ 86 F = +0.28  
104 F = +0.51  
122 F = +0.77  
140 F = +1.06  
158 F = +1.38

This water is 661 mg/l (-22.11%) under ITS CALCULATED  
CaSO<sub>4</sub> saturation value at 82 F.  
SATURATION= 2990 mg/L      PRESENT= 2329 mg/L

REPORTED BY ROZANNE JOHNSON  
LAB TECHNICIAN

A handwritten signature in dark ink, appearing to be "R. Johnson", is written over the printed name "ROZANNE JOHNSON".

**RECEIVED**

MAY 31 1994

JOHN HOBBS  
OFFICE