

Form 3460-5  
(June 1990)

NEW MEXICO COMMISSION  
LAW ENFORCEMENT  
ALBUQUERQUE, NM 87210

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Southwest Royalties, Inc. ✓

3. Address and Telephone No.

P.O. Box 11390, Midland, Texas 79702 (915) 686-9927

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

1980' FNL & 1980' FEL  
Sec. 35, T-25-S, R-29-E

5. Lease Designation and Serial No.

NM 54290

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

North Brushy Draw 35 Fed.

9. API Well No. # 1

30-015-27310

10. Field and Pool, or Exploratory Area

Undesignated (Delaware)

11. County or Parish, State

Eddy County, 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). Disposal Method - Subsurface injection.
- (2). Water Volume - 150 BWPD, water analysis attached.
- (3). Water is conveyed by truck to CRW-SWD facility located in NW/4 Section 9-T26S - R29E, Eddy County, New Mexico. (See attached plat)
- (4). Trucking Company - Rapid Transport - NM permit #5953.
- (5). Water from CRW-SWD facility is conveyed by pipeline and disposed of in the following three SWD wells:
  - (A). CRW-SWD, Inc., Ross Draw Comm #1, NMOC order #R-7355, Unit C, Section 33, T-26-S, R-30-E, Eddy County, N.M.
  - (B). CRW-SWD, Inc., Federal A-Z #1, NMOC order #R7781, Unit I, Section 29, T-26-S, R-30-E, Eddy County, N.M.
  - (C). CRW-SWD, Inc., Ross Draw Unit #9, NMOC order #R8492, Unit C, Section 34, T-26-S, R-30-E, Eddy County, N.M.

(Orders for all SWD wells attached)

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

Signed

Title Regulatory Agent

Date 6-1-93

(This space for Federal or State office use)

**PETROLEUM ENGINEER**

Approved by

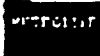
Title

Date

Conditions of approval, if any:

see attached

# TRETOLITE



16010 Barker's Point Lane, Suite 450  
Houston, Texas 77079-4321  
713 558-5200 • Fax: 713 589-4737

Reply to: P.O. Box 5250  
Hobbs, New Mexico 88241  
505 382-6711 Phone  
505 382-3758 Fax

## WATER ANALYSIS REPORT

Company : SOUTHWEST ROYALTIES  
Address : ARTESIA, NEW MEXICO  
Lease : BRUSHY FEDERAL  
Well : # 1  
Sample Pt. : WELLHEAD

Date : 05-03-93  
Date Sampled : 05-03-93  
Analysis No. : 464

ANALYSIS		mg/L	* meq/L	
		----	-----	
1.	pH	6.1		
2.	H <sub>2</sub> S	3 PPM		
3.	Specific Gravity	1.210		
4.	Total Dissolved Solids	327061.5		
5.	Suspended Solids	NR		
6.	Dissolved Oxygen	NR		
7.	Dissolved CO <sub>2</sub>	480 PPM		
8.	Oil In Water	NR		
9.	Phenolphthalein Alkalinity (CaCO <sub>3</sub> )			
10.	Methyl Orange Alkalinity (CaCO <sub>3</sub> )	40.0		
11.	Bicarbonate	HCO <sub>3</sub> 48.8	HCO <sub>3</sub>	0.8
12.	Chloride	Cl 204381.3	Cl	5765.3
13.	Sulfate	SO <sub>4</sub> 50.0	SO <sub>4</sub>	1.0
14.	Calcium	Ca 41651.1	Ca	2078.4
15.	Magnesium	Mg 4385.5	Mg	360.8
16.	Sodium (calculated)	Na 76510.3	Na	3328.0
17.	Iron	Fe 34.5		
18.	Barium	Ba NR		
19.	Strontium	Sr NR		
20.	Total Hardness (CaCO <sub>3</sub> )	122069.8		

## PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter				Compound	Equiv wt	X meq/L	= mg/L
+-----+				-----			
2078	*Ca <-----	*HCO <sub>3</sub>	1	Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.0	0.8	65
	/----->			CaSO <sub>4</sub>	68.1	1.0	71
361	*Mg ----->	*SO <sub>4</sub>	1	CaCl <sub>2</sub>	55.5	2076.6	115228
	<-----/			Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.2		
3328	*Na ----->	*Cl	5765	MgSO <sub>4</sub>	60.2		
				MgCl <sub>2</sub>	47.6	360.8	17176
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	3328.0	194487
BaSO <sub>4</sub>		2.4 mg/L					

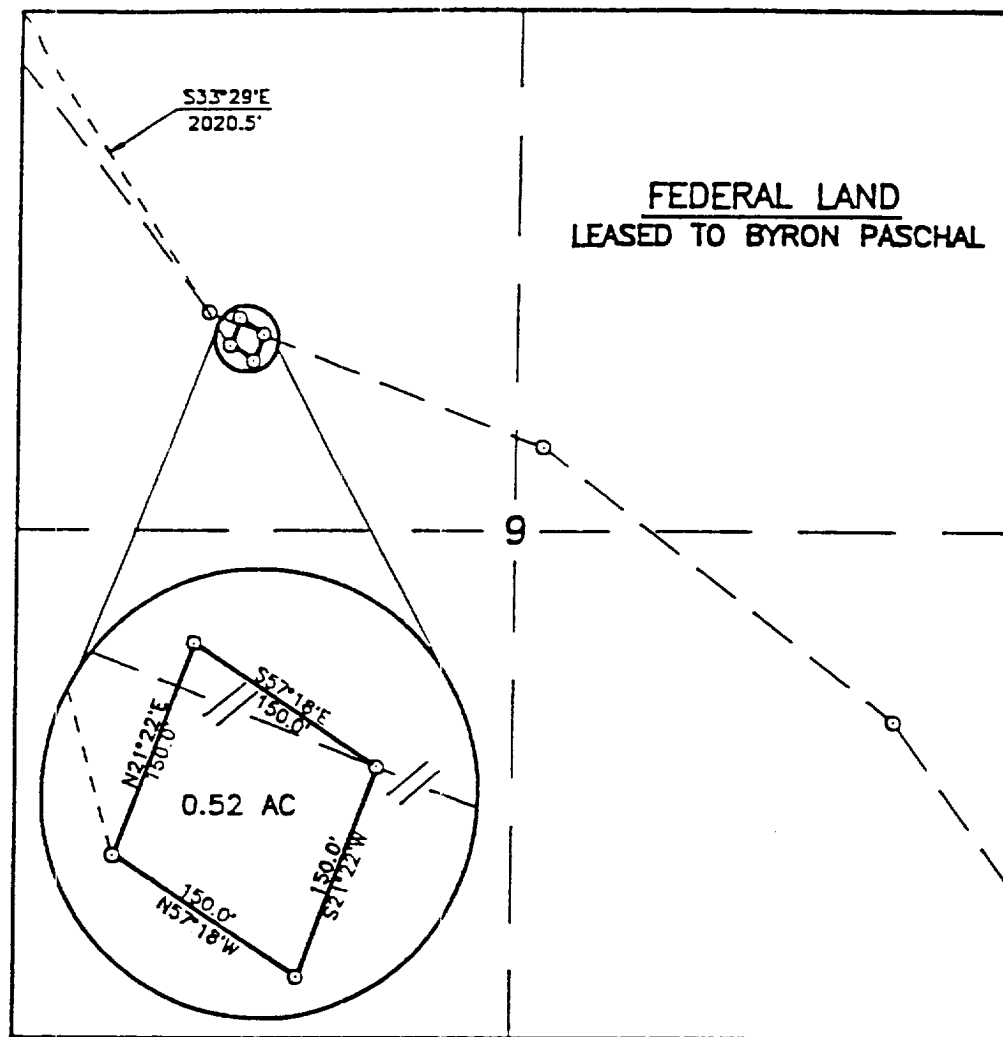
### REMARKS:

----- DON CANADA / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,  
TOM WILTON

SECTION 9, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A TRACT OF LAND LOCATED IN SECTION 9, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THIS TRACT, A POINT BEING S33°29'E, 2020.5 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 9. THENCE N21°22'E, 150.0 FEET; THENCE S57°18'E, 150.0 FEET; THENCE S21°22'W, 150.0 FEET; THENCE N57°18'W, 150.0 FEET TO THE POINT OF BEGINNING. SAID TRACT CONTAINS 0.51 ACRES MORE OR LESS.

1000 0 1000 2000 FEET

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

*Ronald J. Eidson*  
JOHN W. WEST N.M. P.S. No. 677  
RONALD J. EIDSON TEXAS P.L.S. No. 1138  
GARY L. JONES N.M. P.S. No. 3239  
TEXAS P.L.S. No. 1883  
N.M. P.S. No. 7977

CRW - SWD

A TRACT OF LAND LOCATED IN SECTION 9, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

JOHN W. WEST ENGINEERING COMPANY  
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

Survey Date: 06-02-92	Sheet 1 of 1 Sheets
W.D. Number: 92-11-0699	Drawn By: S.C. NICHOLS
Date: 06-12-92	0699SITE Scale: 1" = 1000'

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.