OIL CONS COMMISSION

Drawer DD

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Artesia, NM 882.10 APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No. NM14768B

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.		6. If Indian, Allottee or Tribe Name	
	FOR PERMIT—" for such proposals		
SUBMIT 🖔		7. If Unit or CA, Agreement Designation	
	<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	4	
1. Type of Well Oil Gas Other		8. Well Name and No.	
Well Well Other 2. Name of Operator		WILDERSPIN FEDERAL #2	
SOUTHWEST ROYALTIES, INC.		9. API Well No.	
Address and Telephone No.	1015) 606 0007	30-015-25051	
P.O. BOX 11390, MIDLAND, TEXAS 79702 (915) 686-9927		10. Field and Pool, or Exploratory Area FENTON DELAWARE, NW	
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC. 11, T-21S, R-27E		11. County or Farish, State	
330 FNL AND 330 FEL		EDDY COUNTY, NM	
	Clay + A		
CHECK APPROPRIATE B	BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent	Abandonment	Change of Plans	
	Recompletion	New Construction	
Subsequent Report	Plugging Back	Non-Routine Fracturing	
П	Casing Repair	Water Shut-Off Conversion to Injection	
L. Final Abandonment Notice	Altering Casing Other	Dispose Water	
		(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.	
FORMATION PRODUCING - DE	ELAWARE	CEIVED	
DAILY WATER - 32 BBLS			
		194 1995	
WATER ANALYSIS ATTACHED			
WATER STORED IN 2 - 210	BBL TANKS. WATER IS TRUCKED OFF LEAST B	Y CHOUND EN ENTRY CO.	
		DIST. 2	
OPERATOR OF DISPOSAL SYS	STEM:	\$1	
A	MERIT ENERGY CO.		
	GOVERNMENT D SWD		
	SEC. 12, T-21S, R-27E		
ŀ	PERMIT #WFX611	177	
SITE FACILITY DIAGRAM ATTACHED.		<u> </u>	
4. I hereby certify that the foregoing is true and corre	ect		
Signed Kate Wish	Title REGULATORY ASST.	Date 6-12-95	
(This space for Federal or State office use)	_	1 1	
Approved by (ORIG. SCD.) JOE	G. LARA Tide PETROLEUM ENGINEER	Date 7/12/95	
Conditions of approval, if any:	Hached.	•	
Set Cl	1/40/60		



Report for: Nelson Patton

cc: Al Perry

cc: Allan Childs

cc:

Company: Southwest Royalties

Address:

Service Engineer: Mike Edwards

06/05/95 Date sampled: Date reported: 06/06/95

Lease or well # : Wilderspin Fed Ba

State: N.M. County:

Formation:

Depth:

Submitted by: Al Perry

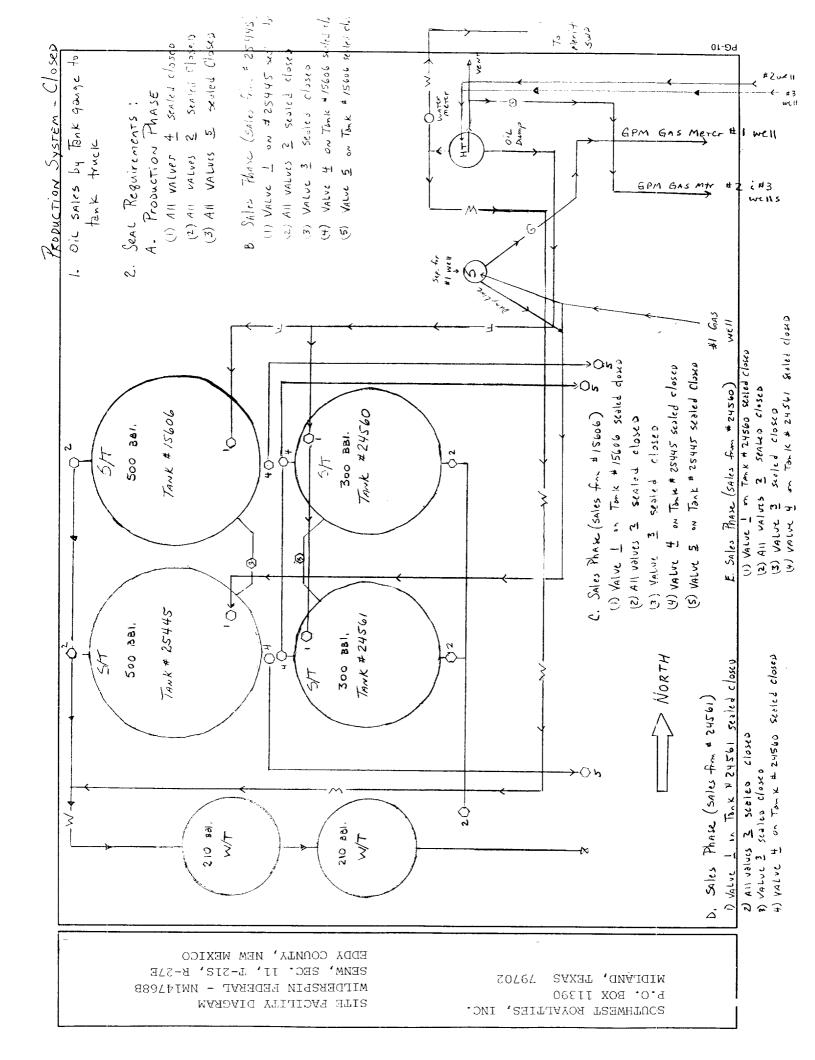
CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	90000	2539
<pre>Iron (Fe) (total)</pre>	0.0	
Total hardness	20100	
Calcium (Ca)	5453	272
Magnesium (Mg)	1579	127
Bicarbonates (HCO3)	280	5
Carbonates (CO3)	0	
Sulfates (SO4)	3419	71
Hydrogen sulfide (H2S)	85	
Carbon dioxide (CO2)	0	
Sodium (Na)	50959	2216
Total dissolved solids	151693	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.108	
Density (#/gal.)	9.234	
pН	8.200	
IONIC STRENGTH	2.85	
	s (CaCO3) Stability Index	2
SI =	pH - pCa - pAlk - K	
	mr 0 00 m 11 00	
	SI $0.86 \text{ F} = +1.98$	
	104 F = +2.21	
	122 F = +2.47	

This water is 1406 mg/l (40.87%) over ITS CALCULATED CaSO4 saturation value at 82 F. PRESENT= 4846 mg/L SATURATION= 3440 mg/L

REPORTED BYJOY DUNCA

140 F = +2.76158 F = +3.08

LAB TECHNICIAN



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:

- 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.
- 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.
- 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, 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.