30-015-04182

Meeting Fasser, 7.

Form 3160-5

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	- 6MC	COMMISSION
OIL	CONS	0022
Drawer	DD	~~010

5. Lease Designation and Serial No. LC060527

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

(June 1990)

or representations as to any matter within its jurisdiction.

Artesia, NM 88210 Budget Bureau No. 1004-0135 Expires: March 31, 1993

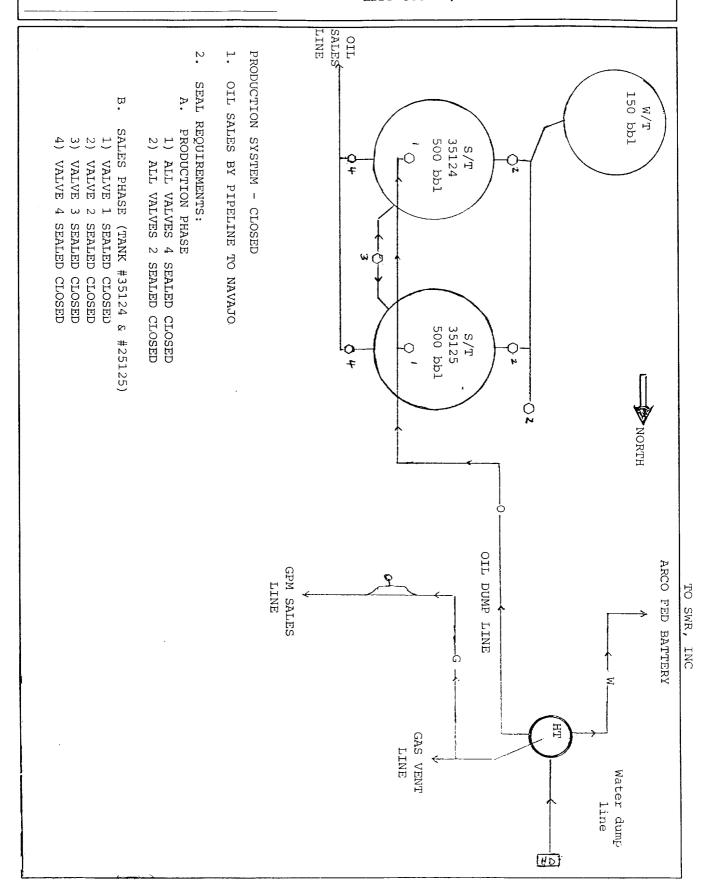
CIST

	SUBMIT	ω	7. If Unit or CA, Agreement Designation		
	ype of Well Oil Gas Well Well Other	V			
	Well Well Other		8, Well Name and No.		
2. 142	SOUTHWEST ROYALTIES, INC.		MCINTYRE FEDERAL#1 &		
-			9. API Well No. #1-30-015-04182		
3. AC	ddress and Telephone No. P.O. BOX 11390, MIDLAND,	TEXAS 79702 (915) 686-9927	#2- 30-015-20614		
			10. Field and Pool, or Exploratory Area		
4. Lo	ocation of Well (Footage, Sec., T., R., M., or Survey Des	cription)	GRAYBUR JACKSON 7RVRS-QN		
	SEC. 17, T-17S, R-30E,		11. County or Parish, State		
	#1-1980 FSL AND 660 FEL	#2- 1980 FSL AND 1980 FEL	EDDY COUNTY, NM		
12.	CHECK APPROPRIATE 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		
	1	Recompletion	New Construction		
	Subsequent Report	Plugging Back	Non-Routine Fracturing		
	•	Casing Repair	Water Shut-Off		
	Final Abandonment Notice	Altering Casing			
	That House Miner Protect		Conversion to Injection Dispose Water		
		L_I Other	L Dispose Water (Note: Report results of multiple completion on Well		
12 5	1 2	pertinent details, and give pertinent dates, including estimated date of starting	Completion or Recompletion Report and Log form.)		
	FORMATION PRODUCING - SA	N ANDRES JUL 1 4 19	995		
	DAIDI WAIER - 12 BBD3				
	WATER ANALYSIS ATTACHED	OIL CON.			
	WATER IS STORED ON LEASE IN 150 BBL TANK INTIL IT IS REMOVED BY TRUCK (MACK ENERGY CORP)				
	OPERATOR OF DISPOSAL SYST	EM:			
	M	ACK ENERGY CORP.	·		
	S	QUARE LAKE-GRAYBURG-SAN ANDRES FIELD			
		QUARE LAKE 12 UNIT	· ·		
	•	EC. 06, T-17S, R-30E	<u> </u>		
		DDY COUNTY, NM	1-		
		ERMIT # R3348	#### #### = =		
		WEST ROYALTIES, INC. OPERATED PARKE F	EDERAL-#2-J-10-17S-30E (in		
14. I h	nereby certify that the foregoing is true and correct				
Sig	gned XUU UUSin	TideREGULATORY ASST.	Date6-12-95		
(T)	his space for Edeal or State (The use) JOE G. LA	DA			
Αr	oproved by	Tide PETROLEUM ENGINEER	Date 7/12/95		
	onditions of approval, if any: See attac				
	DEE ATTAO	ter.			

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

SOUTHWEST ROYAL1 3, INC. P.O. BOX 11390 MIDLAND, TEXAS 79702

SITE FACILITY AGRAM
MCINTYRE F FEDERAL - LC060527
NESE, SEC. 17, T-17S, R-30E
EDDY COUNTY, NEW MEXICO



Report for: Nalson Patton Date sampled: 05/31/95 cc: Al Perry Date reported: 06/05/95

> cc: Lease or well # : McIntyre "F" cc: County: State:

Company: Southwest Royalties Formation:

Address: Depth:

Service Engineer: Mike Edwards Submitted by: Mike Edwards

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	125000	3526
Iron (Fe) (total)	1.0	
Total hardness	11100	
Calcium (Ca)	2205	110
Magnesium (Mg)	1360	109
Bicarbonates (HCO3)	524	9
Carbonates (CO3)	0	
Sulfates (SO4)	4920	102
Hydrogen sulfide (H2S)	17	
Carbon dioxide (CO2)	439	
Sodium (Na)	78610	3418
Total dissolved solids	212621	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1,151	
Density (#/gal.)	9.592	,
рн	6.600	
IONIC STRENGTH	3.80	

3.80 Stiff-Davis (CaCO3) Stability Index: SI = pH - pCa - pAlk - K

> SI @ 86 F = +0.60104 F = +0.83122 F = +1.09140 F = +1.38158 F = +1.70

This water is 167 mg/l (-2.36%) under ITS CALCULATED CaSO4 saturation value at 82 F. SATURATION = 7073 mg/L PRESENT= 6906 mg/L

REPORTED BY JOY DUNCAL

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:

- 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, 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.