30-015-20614

Neutron Parasity Log

ŧ.

.

NM OIL CONS COMMISSION Drawer DD Artesia, NM 88210

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

5.	Lease	Designation	and	Serial	No.
	LCC	060527			

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON	W	ELL	S		
rm for proposals to dell as to decree				11.55	

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 &	7. If Unit or CA, Agreement Designation
1. Type of Well	
X Oil Gas Well Other	8: Well Name and No.
2. Name of Operator SOUTHWEST ROYALTIES, INC.	MCINTYRE FEDERAL#2 & # 9. API Well No. #1-30-015-04182
Address 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. Location of Well (Footage, Sec., T., R., M., or Survey Description)	GRAYBUR JACKSON 7RVRS-ON-C
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
CHECK APPROPRIATE POVO TO INDICATE MATURE OF MOTIOE DE	TROPE OF 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	
	Casing Repair	Water Shut-Off	
Final Abandonment Notice	Altering Casing	Conversion to Injection	

Dispose Water (Note: Report results of multiple completion on Well 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this byoth

Completion or Recompletion Report and Log form.) rk. If well is directionally drilled,

FORMATION PRODUCING - SAN ANDRES

JUL 1 4 1995

DAILY WATER - 12 BBLS

OIL CON. DIV.

WATER ANALYSIS ATTACHED

DIST. 2

WATER IS STORED ON LEASE IN 150 BBL TANK INTIL IT IS REMOVED BY TRUCK (MACK ENERGY CORP)

OPERATOR OF DISPOSAL SYSTEM:

MACK ENERGY CORP. SQUARE LAKE-GRAYBURG-SAN ANDRES FIELD SQUARE LAKE 12 UNIT SEC. 06, T-17S, R-30E EDDY COUNTY, NM PERMIT # R3348

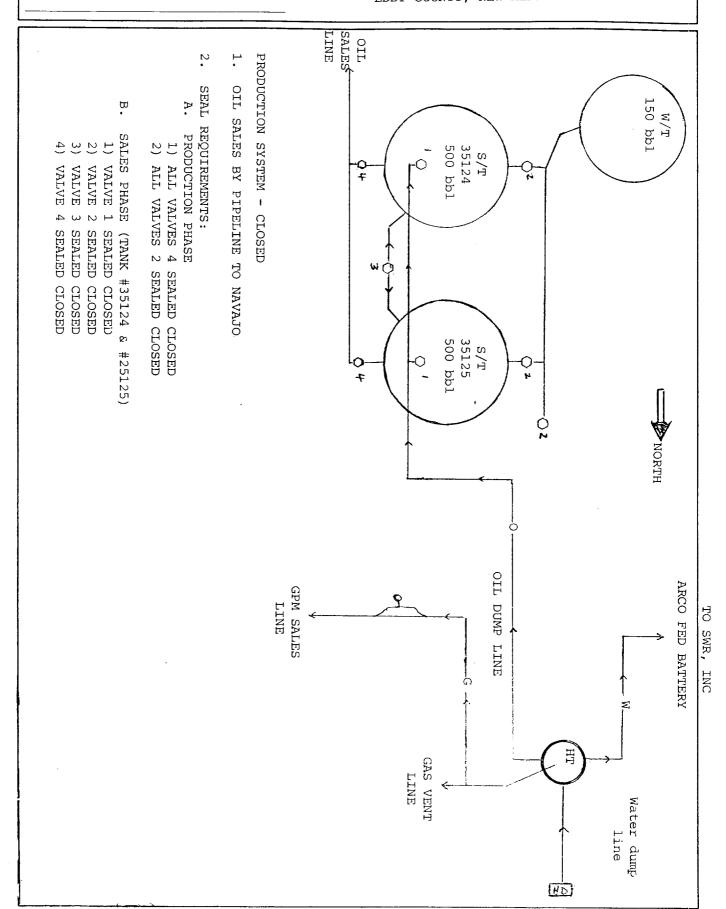
ALTERATIVE LOCATION IS SOUTHWEST ROYALTIES, INC. OPERATED PARKE FEDERAL-#2-J-10-17s-30F(i

(This space for Federal or State office use) (ORIG, SCD.) JOE G.	LARA	PETROLEUM ENGIN	EER 7/12/95
Signed XIII Ulisin	I ide	EGULATORY ASST.	
4. I hereby certify that the foregoing is true and correct			

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 ROYALT 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

cc: Al Perry

cc: cc:

Company: Southwest Royalties

Address:

Service Engineer: Mike Edwards

Date sampled: 05/31/95 Date reported: 06/05/95

Lease or well # : McIntyre "F"

County: State:

Formation:

Depth:

Submitted by: Mike Edwards

OUTST COMPOSITATION		
CHEMICAL COMPOSITION:	mg/L	meq/L
Chloride (C1)	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	3410
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Deronciam (or)	11/ a	
Specific Gravity	1,151	
Density (#/gal.)	9.592	
pH		-
IONIC STRENGTH	6.600	
	3.80	
	CO3) Stability Ind	ex:
SI = pH -	pCa - pAlk - K	
SI @ :	86 F = +0.60	

104 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 DUNCAN

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.
- 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.