

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☒ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ OTHER ☐

2. NAME OF OPERATOR
Southwest Royalties, Inc.

3. ADDRESS OF OPERATOR
c/o Box 953, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980 FSL and 1980 FEL of Section 17
At top prod. interval reported below 11 air miles east of Loving, N.M.
At total depth Same

14. PERMIT NO. DATE ISSUED
10-24-90

5. LEASE DESIGNATION AND SERIAL NO.
NM 63358
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Exxon Federal
9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 17, T-23-S
R-30-E
12. COUNTY OR PARISH
Eddy
13. STATE
N.M.

15. DATE SPEUDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD
10-30-90 12-7-90 1-12-91 3220.6 GL

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
7436' - 220' - 7436' 0 - 220' Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger - GRN - Dual Laterlog & Sonic
27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48 #	403'	17-1/2"	450 sx Cl C / circ 112 sx	out None
8-5/8"	24 #	3494'	12-1/4"	1800 sx lite & PP / circ	147 sx out None
5-1/2"	15.5 #	7434'	7-7/8"	1150 sx Cl H	
Top of cement @ 2496' - cement bond log					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7262'	-

31. PERFORATION RECORD (Interval, size and number)

7319 - 7325 / 4 JSPF
7348 - 7352 / 4 JSPF
7368 - 7370 / 4 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7319 - 7370	10,000 gals. frac fluid
	27,000 # 16/30 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-14-91		Pumping				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—BSL.	GAS-OIL RATIO	
No test			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—REL.	OIL GRAVITY-API (CORR.)	
		→				36	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

1-14-91 to 5-7-91 have pumped approximately 500 bbls. oil, intend to test upper CC zone.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Agent DATE 5-8-91

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Sand	0	220		Top Delaware	3581	3581
Anhydrite	220	2260		Top Cherry Canyon	4433	4433
Salt & Anhydrite	2260	3440		Manzanita Marker	4575	4575
Anhydrite, Sand & Shale	3440	4997		Brushy Canyon Marker	7130	7130
Shale, Lime & Sand	4997	7436	5250' sh 10% silt 10% & sd 80% 5925' sh 10% silt 10% & sd 80% 6392' sh 15% silt 25% & sd 60% 6615' sh 15% silt 10% & sd 75% 6990' sh 20% silt 30% & sd 50% 7200' sh 25% silt 15% & sd 60% 7406' ~ sd & sh (206') 7436' - lime & shale (30')			