

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instructions
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. NM 4437	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME --	
2. NAME OF OPERATOR SOUTHWESTERN NATURAL GAS, INC.				7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR 900 Building of the Southwest - Midland, Texas 79701				8. FARM OR LEASE NAME Aztec Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL and 1980' FWL At top prod. interval reported below At total depth				9. WELL NO. 2	
14. PERMIT NO. DATE ISSUED 9-5-69				10. FIELD AND POOL, OR WILDCAT Lea (Penn) Gas	
15. DATE SPUDDED 9-7-69				11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Section 14, T-20-S, R-34-E	
16. DATE T.D. REACHED 10-26-69				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 12-5-69				13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3669' KDB				19. ELEV. CASINGHEAD 3651'	
20. TOTAL DEPTH, MD & TVD 13,330'		21. PLUG, BACK T.D., MD & TVD 13,298.5		22. IF MULTIPLE COMPL., HOW MANY* --	
23. INTERVALS DRILLED BY --> 0 - 13,330'				ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 12,986' - 13,288' - 24 - 0.48" Holes - Pennsylvanian				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR - Ac, ML-C, DIFL				27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8"		48		650'	
8-5/8"		32		5075'	
4-1/2"		116 & 13.5		13,330'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17-1/2"		700 sks. - Circ.		0	
11"		*2 stage #1 500 sks. #2 200 sks		0	
7-7/8"		300 sks		0	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)
				2-3/8" EUE	12,900'
					PACKER SET (MD)
					12,900'
31. PERFORATION RECORD (Interval, size and number) 12,986' - 13,288' - 24 - 0.48" Holes			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
12,986"-13,288'			None		
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-22-69		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 11-23-69	HOURS TESTED 6	CHOKE SIZE Various	PROD'N. FOR TEST PERIOD -->	OIL—BBL. 0	GAS—MCF. CAOF-4600Mcf
WATER—BBL. 0	GAS-OIL RATIO 22643 Mcf/bbl.				
FLOW. TUBING PRESS. 2940 - 3376	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE -->	OIL—BBL. --	GAS—MCF. CAOF - 4600 Mcf	WATER—BBL. 0
OIL GRAVITY-API (CORR.) 46.8					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY Ronald N. Yancey
35. LIST OF ATTACHMENTS GR-AC Log, New Mexico Form C-122 (CAOF), Inclination Record, C-104					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Dan C. Bennett		TITLE Operations Manager		DATE 12/21/69	

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

* DV tool set at 3576'. Cement top at 2500' by temperature survey.