

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
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 ☐										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐								
2. NAME OF OPERATOR Southern Union Production Company						14. PERMIT NO.	DATE ISSUED JAN 20 1967								
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87041						U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1130 FT. FROM SOUTH LINE AND 855 FT. FROM WEST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE															
5. LEASE DESIGNATION AND SERIAL NO. SF 078433		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Newton									
9. WELL NO. 18		10. FIELD AND POOL, OR WILDCAT SADIN DAKOTA		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 20, T-26N, R-4E N.M.P.M.		12. COUNTY OR PARISH SAN JUAN		13. STATE NEW MEXICO							
15. DATE SPUNDED 11/25/66	16. DATE T.D. REACHED 12/10/66	17. DATE COMPL. (Ready to prod.) 1/2/67	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6450 FT. R.K.B.		19. ELEV. CASINGHEAD 6440		20. TOTAL DEPTH, MD & TVD 6863 MD&TVD		21. PLUG BACK T.D., MD & TVD 6842 MD&TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0-6863	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6578 - 6812 FT. MD&TVD (DAKOTA)	25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN E. S.—INDUCTION, DENSITY, GAMMA-RAY CORRELATION, CEMENT BOND												27. WAS WELL CORRED No			
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-3/8"		24.0		306 FT.		12-1/4"		250 SK.		None					
4-1/2"		10.5		6863 FT.		7-7/8"		181 STAGE CEMENTED W/600 CU. FT. 1-1		DISINX, STAGE COLLAR SET AT 4732 FT. CEMENTED W/750 CU. FT. HYS "C" 400 CEMENT; STAGE COLLAR SET AT 2285 FT. CEMENTED W/1100 CU. FT. HYS "C" 400 CEMENT.					
29. LINER RECORD													30. TUBING RECORD		
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2" E.U.E.		6736 FT.													
31. PERFORATION RECORD (Interval, size and number) PERF. 2/FT. 6578-6582, 6588-6604, 6666-6678, 6684-6694, 1/FT. 6762-6766, 6770-6776; 2/FT. 6786-6792, 1/FT. 6792-6800; 2/FT. 6800-6804, 1/FT. 6804-6812. HOLE SIZE - 0.52"													32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED									
6578-6812						SAND WATER FRAC W/10,000/ 40-60 SAND; 60,000/ 20-40 SAND; 20,000/ 10-20 SAND; 500/ 12-20 GRADE 4 104,000 GAL. 0.8 KOL WATER									
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)								WELL STATUS (Producing or shut-in) SHUT IN					
DATE OF TEST 1/17/67		HOURS TESTED 3hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD		OIL—BBL. 349		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS. 230		CASING PRESSURE 748		CALCULATED 24-HOUR PRO. RATE		GAS—MCF. 2,792		WATER—BBL.		OIL GRAVITY-API (CORR.)		TEST WITNESSED BY Kenneth E. Rount			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED												35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Original signed by GILBERT D. NOLAND, JR. SIGNED GILBERT D. NOLAND, JR. TITLE DRILLING SUPERINTENDENT DATE JANUARY 18, 1967															

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

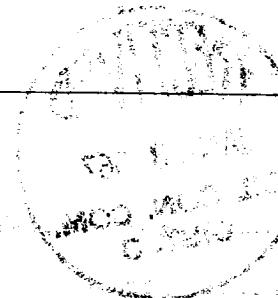
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			BASE QJO ALAMO	1507	
			PICTURED CLIFFS	2175	
			CLIFF HOUSE	3733	
			POINT LOOKOUT	4510	
			GALLUP	5630	
			BASE GREENHORN	6550	
			DAKOTA	6579	