

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. CONTRACT #418	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE	
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 808, FARMINGTON, NEW MEXICO 87401		8. FARM OR LEASE NAME JICARILLA "N"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FT. FROM SOUTH LINE & 1850 FT. FROM WEST LINE. At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE		9. WELL NO. 2	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT OTERO GALLUP Basin, DAKOTA	
DATE ISSUED		11. SEC., T., R., OR BLOCK AND SURVEY OR AREA SEC. 3, T-24N, R-5W, N.M.P.M.	
15. DATE SPUDDED 8/11/70		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 8/26/70		13. STATE NEW MEXICO	
17. DATE COMPL. (Ready to prod.) 9/4/70		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6675 FT. R.K.B.	
19. ELEV. CASINGHEAD 6667 FT.		20. TOTAL DEPTH, MD & TVD 7060 MD&TVD	
21. PLUG, BACK T.D., MD & TVD 7022 MD&TVD		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY 0-7060		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5852-6048 FT. MD&TVD (GALLUP) 6934-7002 FT. MD&TVD (DAKOTA)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CEMENT BOND, GAMMA RAY AND CORRELATION LOGS	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24.0	
5-1/2"		15.50	
DEPTH SET (MD)		HOLE SIZE	
303		12-1/4"	
7059		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED	
290 BAGS		NONE	
1ST STAGE CEMENTED 8/600 CU.FT. CNT.		STAGE COLLAR SET	
STAGE COLLAR SET @ 991 FT. R.K.B. 2ND STAGE CEMENTED 8/375 CU.FT. CNT.		43583 FT. R.K.B. 3RD STAGE CEMENTED 8/1300 CU.FT. CNT.	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-1/16X20 6001 FT.		(GALLUP)	
2-1/16X20 6934 FT.		6770 FT. (DAKOTA)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
GALLUP: 1 SHOT/2 FT. 5852-5872; 1 SHOT/FT. 5890-5900 Size 5896-5904-5920-5934-5938 0.42" 5942-5948, 5970-5974, 5998-6006, 6022-6048. DAKOTA: 1 SHOT/FT. 6934-6946, 6962-6968, 6994-7002. TOTAL 49 HOLES. SIZE 0.32"		DEPTH INTERVAL (MD)	
AMOUNT AND KIND OF MATERIAL USED		5852-6048	
40,000/20-40sands, 20,000/10-20sands, 1,000/40sands, 61,950gal 1%CL WTR		6934-7002	
40,000/20-40sands, 20,000/10-20sands, 1,000/40sands, 71,400gal 1%CL WTR		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		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		TEST WITNESSED BY	
34. DISPOSITION OF GAS (Sold, used or fuel, vented, etc.)		KENNETH E. ROEDY	
VENTED		35. LIST OF ATTACHMENTS	
OCT 15 1970		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED		TITLE	
GILBERT D. NOLAND, JR.		DRILLING SUPERINTENDENT	
DATE		OCTOBER 7, 1970	
GILBERT D. NOLAND, JR.		DATE	

*(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, 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 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 logs, 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 referenced 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: Indicate the location of any multiple stage completions 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				BASE OJO ALAMO	2198		
				PICTURED CLIFFS	2551		
				CHAGRA	3382		
				CLIFF HOUSE	4092		
				POINT LOOKOUT	4695		
				BALLUP	5835		
				BASE GREENWORN	6795		
				DAKOTA	6845		