

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 _____		5. LEASE DESIGNATION AND SERIAL NO. CONTRACT #418	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		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	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1850 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. 1	
14. PERMIT NO.		DATE ISSUED OCT 16 1970	
15. DATE SPUDDED 7/26/70		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6636 FT. R.K.B.	
16. DATE T.D. REACHED 8/12/70		19. ELEV. CASINGHEAD 6628	
17. DATE COMPL. (Ready to prod.) 8/23/70		20. TOTAL DEPTH, MD & TVD 7015 FT. MD&TVD	
21. PLUG, BACK T.D., MD & TVD 6988 FT. MD&TVD		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY →		ROTARY TOOLS G-7015	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5840-6002 MD&TVD - GALLUP 6892-6968 MD&TVD - DAKOTA		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CEMENT BOND & CORRELATION LOGS		27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24.0#	339 FT.	12-1/4"
5-1/2"	15.50#	7013	7-7/8"
STAGE COLLAR SET AT 4979 FT. R.K.B. CEMENTED W/1200 CU.FT. CEMENT.		CEMENTING RECORD 250 SX FIRST STAGE CEMENTED W/600 CU.FT. CEMENT. STAGE COLLAR SET AT 3569 FT.	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-1/16	5982 FT.	(GALLUP)	
2-1/16	6907 FT.	6735 FT. (DAKOTA)	
31. PERFORATION RECORD (Interval, size and number)			
GALLUP: 1 SHOT/2FT. 5802-5820; 1 SHOT/FT. 5840-5846; 1 SHOT/FT. 5850-5876; 1 SHOT/2FT. 5884-5888, 5892-5900, 5920-5924, 5950-5958, 5978-6002. TOTAL 69 HOLES. 0.37" SIZE.			
DAKOTA: 1 SHOT/FT. 6892-6904, 6908-6912, 6920-6950, 6956-6968. TOTAL 67 HOLES. 0.37" SIZE.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
5802-6002 FT.	SAND FRAC W/40,000#20-40SAND, 20,000 LB. 10-20 SAND & 1000# 12-20 GLASS BEADS, 60,312 GAL. 1% KCL WATER.		
6892-6968 FT.	SAND FRAC W/40,000#20-40SAND, 20,000# 10-20 SAND & 1000# 12-20 GLASS BEADS, 62,538 GAL. 0.8% KCL 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 9/10/70 9/17/70	HOURS TESTED 3 3	CHOKER SIZE 3/4" 3/4"	PROD'N. FOR TEST PERIOD →
FLOW TEST PRESS. 354 28	CASING PRESSURE PACKER 260	CALCULATED 24-HOUR RATE →	OIL—BBL. 543 57
GAS—MCF. 4337 459		WATER—BBL. (DAKOTA) (GALLUP)	
OIL GRAVITY-API (CORR.) DAKOTA GALLUP		GAS-OIL RATIO	
34. DISPOSITION OF GAS (Solid, 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 SIGNED GILBERT D. NOLAND, JR.		DRILLING SUPERINTENDENT DATE SEPTEMBER 30, 1970	

*(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 38, 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:				38. GEOLOGIC MARKERS		
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		DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	TOP			
				BASE OJO ALAMO	2144	
				PICTURED CLIFFS	2495	
				CHACRA	3348	
				CLIFF HOUSE	4046	
				POINT LOOKOUT	4570	
				GALLUP	5766	
				BASE GREENHORN	6757	
				DAKOTA	6810	