

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. ☐
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY						
3. ADDRESS OF OPERATOR P. O. BOX 808, FARMINGTON, NEW MEXICO						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 890 FEET FROM NORTH LINE & 790 FEET FROM WEST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE						
14. PERMIT NO.		DATE ISSUED OCT 7 1966				
15. DATE SPUDDED 8/25/66		16. DATE T.D. REACHED 9/14/66		17. DATE COMPL. (Ready to prod.) 9/20/66		
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6585 R.K.B.		19. ELEV. CASINGHEAD 6573 FT.				
20. TOTAL DEPTH, MD & TVD 7533 FT. MD&TVD		21. PLUG, BACK T.D., MD & TVD 7500 FT. MD&TVD		22. IF MULTIPLE COMPL., HOW MANY*		
23. INTERVALS DRILLED BY 0-7533		ROTARY TOOLS		CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7266 - 7488 FT. MD&TVD (DAKOTA)						
25. WAS DIRECTIONAL SURVEY MADE No						
26. TYPE ELECTRIC AND OTHER LOGS RUN INDUCTION-ELECTRICAL, FORMATION DENSITY, CEMENT BOND, GAMMA-RAY CORRELATION						
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	
8-5/8"	24.0	307 FT.	12-1/4"	250 SACKS.		
4-1/2"	10.5	7533 FT.	7-7/8"	1ST STAGE CEMENTED W/550 CU. FT. CEMENT.		
STAGE COLLAR SET AT 5508 FT. CEMENTED W/625 CU. FT. CEMENT; STAGE COLLAR SET @3204 FT. CEMENTED W/1500 CU. FT. CEMENT.						
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)		
30. TUBING RECORD						
SIZE	DEPTH SET (MD)	PACKER SET (MD)				
1-1/2"E.U.E.	7420 FT.					
31. PERFORATION RECORD (Interval, size and number)						
PERFORATED 2/FT. 7266-7269, 2/FT. 7274-7282, 2/FT. 7390-7406, 1/FT. 7432-7435, 1/FT. 7444-7447, 1/FT. 7479-7488 FT.						
HOLE SIZE 0.52"						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
7390 - 7488		SAND FRAC W/75,000# SAND, 1600# GLASS BEADS & 82,300 GAL WATER				
7266 - 7282		SAND FRAC W/25,000# SAND, 400# GLASS BEADS & 36,300 GAL WATER				
33.* PRODUCTION						
DATE FIRST PRODUCTION 10/4/66		PRODUCTION METHOD (Flowline, gas lift, pumping—size and type of pump) OIL CON. COM. DIST. 3		WELL STATUS (Producing or shut-in) SMITH-IN		
DATE OF TEST 10/4/66	HOURS TESTED 3 Hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD 257 MCF	OIL—BBL. 2,054 MCF	GAS—MCF. 257 MCF	
FLOW. TUBING PRESS. 162 PSI	CASING PRESSURE 1528 PSI	CALCULATED 24-HOUR RATE 2,054 MCF	OIL—BBL. 2,054 MCF	GAS—MCF. 2,054 MCF	WATER—BBL. 2,054 MCF	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						
35. LIST OF ATTACHMENTS KENNETH E. ROBBY						
36. I hereby certify that the information attached is complete and correct as determined from all available records GILBERT D. NOLAND, JR.						
SIGNED GILBERT D. NOLAND, JR.		TITLE DRILLING SUPERINTENDENT		DATE OCTOBER 5, 1966		

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				BASE OJO ALAMO	2712	
				KIRTLAND	2855	
				FRUITLAND	2983	
				PICTURED CLIFFS	3048	
				CLIFF HOUSE	4750	
				POINT LOOKOUT	5200	
				CALLUP	6325	
				BASE GREENHORN	7230	
				DAKOTA	7262	