

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 ☒ GAS STORAGE		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR SOUTHERN UNION GAS COMPANY						5. LEASE DESIGNATION AND SERIAL NO. 181A 14240	
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2015 FT. FROM THE SOUTH LINE & 1700 FT. FROM THE WEST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE						7. UNIT AGREEMENT NAME	
14. PERMIT NO. OIL CON. 1111 DATE ISSUED MAY 10 1972						8. FARM OR LEASE NAME SAN YSIDRO	
15. DATE SPUDDED FEB. 7, 1972 16. DATE T.D. REACHED FEB. 14, 1972 17. DATE COMPL. (Ready to prod.) FEBRUARY 17, 1972 18. ELEVATIONS (DF, REB, RT, GR, ETC.) * 3856 FT. R.K.B. 19. ELEV. CASINGHEAD 3843 FT.						9. WELL NO. 4	
20. TOTAL DEPTH, MD & TVD 2475 FT. MD & TVD 21. PLUG BACK T.D., MD & TVD 2438 FT. MD & TVD 22. IF MULTIPLE COMPL., HOW MANY * 1 23. INTERVALS DRILLED BY 0-2475 FT. 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 2260 - 2280 FT. MD & TVD Agua Zarca						10. FIELD AND POOL, OR WILDCAT WILDCAT	
25. WAS DIRECTIONAL SURVEY MADE No						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 20, T-45N, R-1E, S-10E	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Density, Induction-Electrical, Sonic Gamma-Ray, Density, Cement Bond						12. COUNTY OR PARISH SANDOVAL	
27. WAS WELL CORED Yes						13. STATE New Mexico	
28. CASING RECORD (Report all strings set in well)						14. STATE OF NEW MEXICO	
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
8-5/8"	26.06	170 FT.	12-1/4"	350 BAGS	100 CIL. FT.	None	
5-1/2"	15.50	2074 FT.	7-9/16"	100 STAGE CEMENTED WITH	100 CIL. FT.	100 CIL. FT.	
		OF CEMENT.	STAGE COLLAR SET AT 1101 FT. AND CEMENTED 1/400 GIL.	FT. OF CEMENT.			
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" BIE	2187 FT.	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
PERFORATED 4 SHOTS/FT. 2260 - 2280 FT. TOTAL OF 80 HOLES. HOLE SIZE 0.48"						2260 - 2280 FT. 250 GIL. 7-1/2 HCL ACID.	
33.* PRODUCTION						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing, gas lift, pumping—size and type of pump				Producing or shut-in	
DATE OF TEST		HOURS TESTED	CHOKED SIZE	PROD'N. BOB TEST PERIOD	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
None			COM. 3	24-HOUR RATE	0.48"		
FLOW. TUBING PRESS.		CASING PRESSURE	24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL-GRAVITY-API (CORR.)
					MAY 8 1972		
35. LIST OF ATTACHMENTS						TEST WITNESSED BY	
CODE AND WATER ANALYSIS							
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.						DATE May 8, 1972	
TITLE Drilling Superintendent							

*(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 23. 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	2130	2306 FT.	SAMPLE SAMPLE DST #1. INITIAL HYDROSTATIC HEAD 1123 PSI. I.S.P.P. 30 MIN. 1083 PSI. CUSHION USED FOR 30 MINUTES. STRONG SLUG IMMEDIATELY AND THRU OUT PERIOD. INITIAL FLOW PRESSURE 55 PSI. FINAL FLOW PRESSURE 966 PSI. CUSHION TOOL FOR 60 MINUTES. SHUT-IN PRESSURE 1083 PSI. CUSHION TOOL 45 MINUTES. WELL STAMPED FLOWING WATER IN 2 MINUTES. FINAL FLOW PRESSURE 966 PSI. FINAL 30 MINUTE SHUT-IN PRESSURE 1083 PSI. FINAL HYDROSTATIC HEAD 1123 PSI.	ENTRADA CAÑON AGUA ZARCA WISS	130 FT. 275 FT. 2252 FT. 2403 FT.	