

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R3556.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other <u>GAS STORAGE</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>NMA 14240</u>	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <u>SOUTHERN UNION GAS COMPANY</u>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>P. O. Box 808, FARMINGTON, NEW MEXICO 87401</u>		8. FARM OR LEASE NAME <u>SAN YSIDRO</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>2015 FT. FROM THE SOUTH LINE & 1785 FT. FROM THE WEST LINE</u> At top prod. interval reported below <u>SAME AS ABOVE</u> At total depth <u>SAME AS ABOVE</u>		9. WELL NO. <u>4</u>	
14. PERMIT NO.		13. STATE <u>NEW MEXICO</u>	
DATE ISSUED		12. COUNTY OR PARISH <u>SANDOVAL</u>	
15. DATE SPUDDED <u>FEB. 7, 1972</u>		19. ELEV. CASINGHEAD <u>5843 FT.</u>	
16. DATE T.D. REACHED <u>FEB. 14, 1972</u>		18. ELEVATIONS (DF, REB, RT, OR, ETC.)* <u>5856 FT. R.K.B.</u>	
17. DATE COMPL. (Ready to prod.) <u>FEBRUARY 17, 1972</u>		23. INTERVALS DRILLED BY <u>0-2475 FT.</u>	
20. TOTAL DEPTH, MD & TVD <u>2475 FT. MD & TVD</u>		21. PLUG, BACK T.D., MD & TVD <u>2438 FT. MD & TVD</u>	
22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>2260 - 2280 FT. MD & TVD AQUA ZARCA</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>GAMMA RAY-NEUTRON</u> <u>INDUCTION-ELECTRICAL, SONIC GAMMA-RAY, DENSITY, CEMENT BOND</u>		27. WAS WELL CORRED <u>YES</u>	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB. FT.	DEPTH SET (MD)	HOLES SIZE
<u>8-5/8</u>	<u>24.00</u>	<u>170 FT.</u>	<u>12-1/4"</u>
<u>5-1/2"</u>	<u>15.50</u>	<u>2474 FT.</u>	<u>7-7/8"</u>
AMOUNT PULLED <u>NONE</u>		CEMENTING RECORD <u>350 BAGS</u> <u>1ST STAGE CEMENTED WITH 500 CU. FT. OF CEMENT.</u>	
OF CEMENT.		STAGE COLLAR SET AT 1101 FT. AND CEMENTED W/400 CU. FT. OF CEMENT.	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
<u>2-3/8" EUE</u>	<u>2187 FT.</u>		
31. PERFORATION RECORD (Interval, size and number)			
PERFORATED 4 SHOTS/FT. 2260 - 2280 FT. TOTAL OF 80 HOLES. HOLE SIZE: 0.18"			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
<u>2260 - 2280 FT.</u>		<u>250 GAL. 7-1/2" HCL ACID.</u>	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
DATE OF TEST		HOURS TESTED	
<u>NONE</u>			
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW, TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
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 <u>GILBERT D. NOLAND, JR.</u> TITLE <u>DRILLING SUPERINTENDENT</u> DATE <u>MAY 8, 1972</u>			

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

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 Computed": 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 FORMER 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 TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
FORMATION	TOP	NAME	MEAS. DEPTH
	BOTTOM		TRUE VERT. DEPTH
	2130	ENTRADA CHINLE AQUA ZAROA YESO	130 FT. 275 FT. 2,252 FT. 2,403 FT.
	2186 FT.	SAMPLE SAMPLE DST #1. INITIAL HYDROSTATIC HEAD 1123 PSI. 1 S.L.P. 30 MIN. 1083 PSI. OPENED TOOL FOR 30 MINUTES. STRONG BLOW IMMEDIATELY AND THRU OUT PERIOD. INITIAL FLOW PRESS. 55 PSI. FINAL FLOW PRESS 966 PSI. CLOSED TOOL FOR 60 MINUTES. SHUT-IN PRESS. 1083 PSI. OPENED TOOL 45 MINUTES. WELL STARTED FLOWING WATER IN 2 MINUTES. FINAL FLOW PRESS. 966 PSI. FINAL 90 MINUTE SHUT-IN PRESS 1083 PSI. FINAL HYDROSTATIC HEAD 1128 PSI.	

