

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. GESVR. ☐	Other ☐										
2. NAME OF OPERATOR Southern Union Production Company						U. S. GEOLOGICAL SURVEY FARMINGTON, N.M.											
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87401																	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1845 ft. from the South line & 890 ft. from the West line. At top prod. interval reported below Same as above. At total depth Same as above.																	
14. PERMIT NO.		DATE ISSUED															
15. DATE SPUNDED 11/14/67		16. DATE T.D. REACHED 11/28/67		17. DATE COMPL. (Ready to prod.) 12/19/67		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6369 ft. R.K.B.	19. ELEV. CASINGHEAD 6358										
20. TOTAL DEPTH, MD & TVD 6693 MD & TVD		21. PLUG, BACK T.D., MD & TVD 6672 MD & TVD		22. INTERVALS DRILLED BY ROTARY TOOLS 0-6693		23. CABLE TOOLS											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, MD AND TVD)* 6424-6636 Dakota (MD & TVD)						25. WAS DIRECTIONAL SURVEY MADE No											
26. TYPE ELECTRIC AND OTHER LOGS RUN E. S. Induction, Density, Gamma Ray Correlation, Constant Bond						27. WAS WELL CORRED 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"		24.00		339		12-1/4"		225 sacks of regular		None							
4-1/2"		10.50		6690		7-7/8"		1st stage w/700 cu. ft.		None							
Class "C", 2nd stage w/950 cu. ft. class "C", 3rd stage w/1200 cu. ft. class "C".								Stage Collars set at 2248 and 4714 ft. R.K.B.		None							
29. LINER RECORD								30. TUBING RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)			
										1 1/2" EUE		6590 ft.					
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
1 shot/ft. 6600-6606, 6614-6628 & 6628-6636								DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED					
1 shot/ft. 6424-6440, 6444-6456, 6520-6528 & 6542-6548.								6600-6636				45,000# sand, 1,000# glass beads, & 62,622 gal. 1 1/2 KCL water					
								6424-6548				55,000# sand, 1,000# glass beads, & 69,048 gal. 1 1/2 KCL water.					
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 1/3/68		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD —>—		OIL—BBL. —		GAS—MCF. 510		WATER—BBL. —		GAS-OIL RATIO			
FLOW. TUBING PRESS. 332		CASING PRESSURE 1186		CALCULATED 24-HOUR RATE —>—		OIL—BBL. —		GAS—MCF. 4,076		WATER—BBL. —		OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented												TEST WITNESSED BY Kenneth E. Roddy					
35. LIST OF ATTACHMENTS																	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																	
SIGNED		GILBERT D. NOLAND, JR. Gilbert D. Noland, Jr.				TITLE				Drilling Superintendent				DATE		January 8, 1968	

*(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.

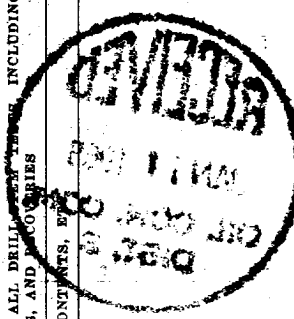
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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 DRILLING LOGS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND PROPERTIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliffs	2045		
Cliff House	3614		
Point Lookout	4453		
Gallup	5496		
Base Greenhorn	6400		
Dakota	6425		