

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
 DEC 27 1967
 OIL CON. COM.
 DIST. 8

RECEIVED
 DEC 26 1967

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Southern Union Production Company

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 **1075 ft. from the South line & 1915 ft. from the East line**
At top prod. interval reported below **Same as above.**
At total depth **Same as above.**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Nickson

9. WELL NO.
16

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 35, T-26N, R-8E, N.M.P.M.

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED **10/26/67** 16. DATE T.D. REACHED **11/8/67** 17. DATE COMPL. (Ready to prod.) **11/23/67** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6974 ft. R.K.B.** 19. ELEV. CASINGHEAD **6963 ft.**

20. TOTAL DEPTH, MD & TVD **7310 ft. MD & TVD** 21. PLUG, BACK T.D., MD & TVD **7291' MD & TVD** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY **0-7310 ft.** ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7055-7278 Dakota MD & TVD

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
E. S. Induction, Density, Gamma Ray Correlation, Cement Bond

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"	24.00	345 ft.	12-1/4"	285 sacks regular	None
4-1/2"	10.50	7309 ft.	7-7/8"	1st stage w/700 cu. ft. Class "C", 2nd stage w/950 cu. ft. class "C", 3rd stage w/1200 cu. ft. Class "C". Stage collars at 2894 and 5342 ft. R.K.B.	

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" BUE	7172 ft.	

31. PERFORATION RECORD (Interval, size and number)
1 shot/ft. 7212-7234, 3 shots/ft. 7235-7244, 1 shot/ft. 7245-7278. 2 shots/ft. 7055-7064, 7126-7132.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7212-7278	35,000/ sand, 500/ glass beads, & 52,920 gal. 1 1/2 KCL water, 32,000/ sand, 1500/ glass beads, & 57,330 gal. 1 1/2 KCL water.
7055-7132	

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/29/67	3	3/4"	→		342		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
220	972	→		2,735			

34. DISPOSITION OF GAS (Sold, 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

SIGNED **GILBERT D. NOLAND, JR.** TITLE **Drilling Superintendent** DATE **November 29, 1967**

Original signed by
GILBERT D. NOLAND, JR.
Gilbert D. Noland, Jr.

U. S. GEOLOGICAL SURVEY
TEST PARTNERSHIP, N. M.
Kenneth L. Saddy

*** (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.

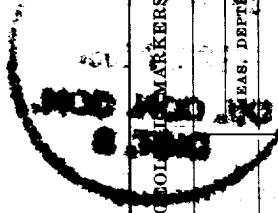
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal 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 19: 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		38. GEOLOGICAL MARKERS			
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TEST VERT. DEPTH
			Pictured Cliffs	2685	
			Cliff House	4245	
			Point Lookout	4997	
			Gallup	6094	
			Base Greenhorn	7018	
			Unkotsa	7054	