

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. ☐ Other ☐

2. NAME OF OPERATOR

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 808, FARMINGTON, NEW MEXICO 87401 U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1850 FT. FROM NORTH & 825 FT. FROM EAST LINE.

At top prod. interval reported below SAME AS ABOVE

At total depth
SAME AS ABOVE

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9/17/66

16. DATE T.D. REACHED

10/21/66

17. DATE COMPL. (Ready to prod.)

11/7/66

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7258 R.K.B.

19. ELEV. CASINGHEAD

7246 FT.

20. TOTAL DEPTH, MD & TVD

8390 FT.

21. PLUG, BACK T.D., MD & TVD

2646 FT. 8010

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-8390

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3863-3890 MD&TVD PICTURED CLIFFS

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

E.S. - INDUCTION, DENSITY, GAMMA-RAY CORRELATION, CEMENT BOND LOG

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
10-3/4"	40.50	316 FT.	15"	300 Sx.	NONE
5-1/2"	15.5 & 17.0	8375 FT.	7-7/8"	1 ST STAGE CEMENTED W/500	GU. FT. OF
CEMENTS STAGE COLLAR SET 6152 FT. CEMENTED W/500				GU. FT. OF CEMENT; STAGE	COLLAR SET AT
3998 FT. CEMENTED W/700 GU. FT. CEMENT.				GU. FT. OF CEMENT; STAGE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2E.U.E.	3880 FT.	

31. PERFORATION RECORD (Interval, size and number)

AKOTA: PERF 2/FT. 8100-8107, 8110-8118, 8212-8221,
8225-8230, 8250-8262, 8268-8276, 8332-8342.
HOLE SIZE 0.52" (PLUGGED OFF)

ICTURED CLIFFS: PERF 1 SHOT/FT. 3863-3890.

HOLE SIZE 0.52" (*SEE BACK OF PAGE)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3863-3890	SAND FRAC W/50,000# 10-20 SAND & 35,742 GAL. 0.8% KCL WATER
8100-8342	SAND FRAC W/100,000# SAND & 109,200 GAL 0.8% 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	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/14/66	3 HOURS	3/4"	→		187	DAKOTA NON PRODUCTIVE	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
117	386	→		1,500	PICTURED CLIFFS		

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

Original signed by

GILBERT D. NOLAND, JR.

SIGNED

GILBERT D. NOLAND, JR.

DIST. 3 DRILLING SUPERINTENDENT

DATE

NOVEMBER 29, 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
* DAKOTA ZONE IN WELL WAS NON PRODUCTIVE. 5-1/2" PERMANENT MODEL "N" BAKER BRIDGE ALL DAKOTA PERFORMATIONS AT 8020 FT. R.K.B. CEMENT PLUG SET ON TOP OF BRIDGE PLUG FROM 8010 FT. - 8020 FT. R.K.D.				BASE OJO ALAMO PICTURED CLIFFS CLIFF HOUSE POINT LOOKOUT GALLUP BASE GREENHORN DAKOTA T.D.	3555 3855 5520 5997 7028 8050 8080 8348	