

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

CONTRACT 103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JICARILLA #HM

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT UNDESIGNATED CALLUP BASIN DAKOTA

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 19, T-26N, R-4W,

N.M.P.M.

12. COUNTY OR PARISH

RIO ARriba

13. STATE

NEW MEXICO

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 790 FT. FROM SOUTH LINE & 790 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 SPUNDED 7/16/69 16. DATE T.D. REACHED 9/28/69 17. DATE COMPL. (Ready to prod.) 10/8/69 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6726 FT. R.K.B. 19. ELEV. CASINGHEAD 6715 FT.

20. TOTAL DEPTH, MD & TVD 7725 FT. R.K.B. 21. PLUG, BACK T.D., MD & TVD 7681 FT. R.K.B. 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0-7725 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6992 - 6998 MD&TVD (GALLUP)
7514 - 7670 MD&TVD (DAKOTA)

26. TYPE ELECTRIC AND OTHER LOGS RUN
GAMMA-RAY CORRELATION, CEMENT BOND, E.S. INDUCTION, GAMMA, DENSITY & TEMPERATURE

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
10-3/4"	32.75#	307	13-3/4"	250 SACKS	NONE
7-5/8"	26.40#	354.2	9-7/8"	1000 CU.FT.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	3382	7717	700 CU.FT.	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2" TJ	6980	GALLUP
1 1/2" EUE	7535	7325 (DAKOTA)

31. PERFORATION RECORD (Interval, size and number)

GALLUP: 2 SHOTS/FT. 6992 TO 6998
HOLE SIZE 0.52"

DAKOTA: 1 SHOT/FT. 7514-7518, 7612-7630, 7652-7670. HOLE SIZE 0.52"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6992-6998	40,000# SAND, 400# GLASS BEADS,
	131,082 GAL. WTR. (GALLUP)
7514-7670	73,000# SAND, 600# GLASS BEADS,
	76,440 GAL. WATER (DAKOTA)

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. (GALLUP)	WATER—BBL. (DAKOTA)	GAS-OIL RATIO
11/22/69	3	3/4"	→		77	266	
11/15/69	3	3/4"	→		266		

FLOW: TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF. (GALLUP)	WATER—BBL. (DAKOTA)	OIL GRAVITY-API (CORR.)
37 169	276 PACKER	→		2127		

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
SIGNED GILBERT D. NOLAND, JR. TITLE DRILLING SUPERINTENDENT

U.S. GEOLOGICAL SURVEY, 1969
DATE DEC 3 1969

*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MRS. DEPTH	TRUE VERT. DEPTH
				PICTURED CLIFFS	3308	
				CLIFF HOUSE	4970	
				POINT LOOKOUT	5478	
				GALLUP	6632	
				BASE OF GREENHORN	7462	
				DAKOTA	7510	