

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

CONTRACT #105

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JICARILLA "A"

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED GALLUP
BARIN DAKOTA11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC. 24, 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 CON. COM.

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

At surface 850 FT. FROM THE NORTH LINE & 850 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 SPUDDED

9-21-71

16. DATE T.D. REACHED

10-1-71

17. DATE COMPL. (Ready to prod.)

10-13-71

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

7243 FT. R.K.B.

19. ELEV. CASINGHEAD

7232 FT.

20. TOTAL DEPTH, MD & TVD

8350 FT. R.K.B.

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

8319 FT. R.K.B.

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

0.8350 FT.

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

7610 - 7634 GALLUP MD & TVD

8094 - 8274 DAKOTA MD & TVD

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

E.S. INDUCTION, GAMMA-RAY CORRELATION, DENSITY, 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"	32.75#	370	13-3/4"	300 SACKS	NONE
7-5/8"	26.40#	4079	9-7/8"	1ST STAGE CEMENTED W/600 CU. FT. CEMENT	CU. FT. CMT.
STAGE COLLAR SET AT 2200 FT. R.K.B.			2ND STAGE CEMENTED W/800 CU. FT. CEMENT		NONE
5-1/2"	15.50#	3953 TO 8339	6-3/4"	600 CU. FT.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	3953	8339	600 CU.FT.		1 1/2" I.J.	7600 FT. RKB	7947 FT. RKB
					1 1/2" EUE	8144 FT. RKB	

31. PERFORATION RECORD (Interval, size and number)

GALLUP: 1 SHOT/FT. 7610 - 7634 FT.
0.48" HOLE SIZE, TOTAL 25 HOLES
DAKOTA: 1 SHOT/FT. 8094 - 8108, 8112 - 8138,
8228 - 8248, 8268 - 8274
0.48" HOLE SIZE, TOTAL 72 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7610 - 7634	40,000# SD. & 33,180 GAL. WATER
8094 - 8274	91,000# SD. & 109,578 GAL. 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
10-21-71	3 Hours	3/4"	→		191 - DAKOTA		
10-28-71	3 Hours	3/4"	→		254 - GALLUP		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
120	PACKER 816	→		1534 - DAKOTA			
160				2034 - GALLUP			

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

DAN R. COLLIER

TITLE

OFFICE MANAGER

DATE

NOV 11 1971 NOVEMBER 10, 1971

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

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 38, 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.

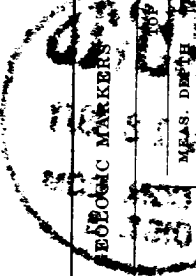
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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:		38.	
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		39. LOGS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			
			NAME BASE OJO ALAMOS FRUITLAND PICTURED CLIFFS CLIFF HOUSE POINT LOOKOUT GALLUP TOCITO BASE GREENHORN DAKOTA MEAS. DEPTH 3600 3749 3888 NOT LOGGED NOT LOGGED 7774 7610 8058 8084 TRUE VERT. DEPTH 3600 3749 3888 NOT LOGGED NOT LOGGED 7774 7610 8058 8084