

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.

8

10. FIELD AND POOL OR WILDCAT

Main Dakota
Undesignated Gallup

11. SEC., T., R., M., OR BLK. AND

SURVEY OR AREA
Sec. 23, T-26N, R-4W
E.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Box 808, Farmington, New Mexico 87401

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

See also space 17 below.)
At surface

1450 ft. from the North line and 885 ft. from the West line.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6873 ft. R.K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Supplementary History

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Drilled 9-7/8" hole w/mud to total depth of 3750 ft. R.K.B. Ran 115 jts. of 7-5/8" 26.40%, J-55 casing. Landed at 3750 ft. R.K.B. Cemented w/350 cu. ft. of cement. Plug down 4:45 P.M. May 25, 1967.
2. Gas drilled 6-3/4" hole from 3750 ft. to 7235 ft. R.K.B. Encountered strong gas flow in Gallup formation. Mudded up hole and drilled 6-3/4" hole to total depth of 7965' R.K.B. Reached T.D. June 7, 1967.
3. Ran 5-1/2" casing as follows: 39 jts., 17.0%, J-55, ST&C (1269.01 ft.) 195 jts., 15.50%, J-55, ST&C (6327.43 ft.); 11 jts., 15.50%, J-55, LT&C (358.56 ft.) casing. Landed at 7965 ft. R.K.B. Cemented w/550 cu. ft. of cement. Plug down 8:30 A.M. 6/9/67
4. Ran Temp. survey 6/9/67. Indicated top of cement 3500 ft. R.K.B.
5. Moved in and rigged up completion unit June 13, 1967.
6. Ran 2" tubing. Cleaned out to P.B.T.D. of 7928 ft. R.K.B. Press test casing to 3500 psi for 15 minutes. Test OK.
7. Perf. 1st stage Dakota 2 shots/ft. 7816-7825, 7828-7832, 7854-7872. Sand water frac. perf. w/40,000% sand, 1,000% glass beads and 66,360 gal. of 0.8% KCL water.
8. Set 5-1/2" Model "NC" Baker bridge plug at 7750 ft. R.K.B.
9. Perf. upper Dakota 2 shots/ft. 7700-7724 ft. R.K.B. Sand water frac perf. w/40,000% sand; 1000% glass beads and 58,800 gal. of 0.8% KCL water.
10. Ran tubing drilled bridge plug at 7750 ft. and cleaned out to P.B.T.D. of 7928' R.K.B.
11. Set 5-1/2" Model "D" Baker Production Packer at 7620 ft. R.K.B.
12. Perforated Gallup zone 2 shots/ft. from 7214-7240 ft. R.K.B.

(OVER)

18. I hereby certify that the foregoing is true and correct

SIGNED GILBERT D. NOLAND, JR.
Gilbert D. Noland, Jr.

TITLE

Drilling Superintendent

DATE

June 28, 1967

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUL 3 1967

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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13. Ran 242 fts. of 1-1/2", I.U.E., 2.90#, JCM tubing to Dakota. Landed in production packer at 7620 ft. Bottom 1-1/2" tubing at 7628 ft. R.K.B.
14. Ran 221 fts. 1-1/2", Integral Jt., 2.75#, JCM tubing to Gallup. Landed at 7219 ft. R.K.B.
15. Acidized Gallup perfs from 7214-7240 ft. w/500 gallons of 7-1/2% mud acid. Swabbed Gallup zone in.
16. Completed well June 22, 1967.