

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

CONTRACT #104

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JICARILLA #E

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED GALLUP

Basin, Dakota

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

**Sec. 15, T-26N, R-4W
N.M.P.M.**

12. COUNTY OR PARISH

RIO ARriba

13. STATE

NEW MEXICO

SUNDRY NOTICES AND REPORTS OF
(Do not use this form for proposals to drill or to deepen or plug a well in a present reservoir.
Use "APPLICATION FOR PERMIT—" for such purposes.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐ **DUAL COMPLETION**

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.*
See also space 17 below.)
At surface

790 FEET FROM THE SOUTH LINE & 790 FEET FROM THE EAST LINE

14. PERMIT NO.

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

6954 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) **SUPPLEMENTARY HISTORY** ☒

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

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

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/MSD TO TOTAL DEPTH OF 3845 FT. R.K.B. RAN 118 JTS OF 7-5/8", 26.40#, J-55 CASING. LANDED AT 3844 FT. R.K.B. CEMENTED W/300 CU.FT. CEMENT. PLUG DOWN 7:15 A.M. 10/23/67.
2. NIPPLED UP AND PRESSURE TEST 7-5/8" CASING AND B.O.P. TO 1500 PSI FOR 10 MINUTES. TEST OK.
3. GAS DRILLED 6-3/4" HOLE TO TOTAL DEPTH OF 8044 FT. R.K.B. REACHED TOTAL DEPTH 10/29/67
4. RAN 133 JTS. 5-1/2", 15.50#, J-55 CASING AS A LINER 4366 FT. BOTTOM LINER AT 8044 FT. R.K.B.; TOP LINER AT 3678 FT. R.K.B. CEMENTED LINER WITH 625 CU.FT. OF CEMENT. PLUG DOWN 11:45 A.M. 10/30/67.
5. MOVED IN COMPLETION UNIT NOVEMBER 7, 1967. RAN 2" E.U.E. TBS. CLEANED OUT TO P.B.T.D. OF 8010 FT. R.K.B. PRESSURE TEST CASING TO 3500 PSI FOR 10 MINUTES. TEST OK.
6. RAN GAMMA-RAY NEUTRON CORRELATION LOG AND CEMENT BOND LOG.
7. PERFORATED 1ST STAGE DAKOTA 1 SHOT/FT. FROM 7896-7901, 7924-7932, 7935-7944 & 7964-7980 FT. SAND WATER FRAC PERFORATION W/40,000# 20-40 SAND, 10,000# 10-20 SAND & 1,000# 12-20 GLASS BEADS. USED 99,220 GAL. OF 1% KCL WATER.
8. SET 5-1/2" MODEL "NC" BAKER BRIDGE PLUG AT 7865 FT. R.K.B. TEST PLUG TO 3500 PSI FOR 5 MINUTES. TEST OK.
9. PERFORATED 2ND STAGE DAKOTA 1 SHOT/FT FROM 7800-7830 FT. R.K.B. SAND WATER FRAC PERFS W/35,000# 20-40 SAND, 10,000# 10-20 SAND & 1,000# 12-20 GLASS BEADS. USED 95,020 GAL. OF 1% KCL WATER.
10. SET 5-1/2" MODEL "NC" BAKER BRIDGE PLUG AT 7370 FT. R.K.B. PRESS. TEST PLUG TO 3500 PSI FOR 5 MINUTES. TEST OK.

(OVER)

18. I hereby certify ~~Original signed~~ by true and correct

GILBERT D. NOLAND, JR.

SIGNED

GILBERT D. NOLAND, JR.

TITLE **DRILLING SUPERINTENDENT**

DATE **NOVEMBER 17, 1967**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE
NOV 20 1967

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

*See Instructions on Reverse Side

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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11. PERFORMED GALLUP ZONE 1 SHOT/FT. FROM 7311-7330 FT.
12. SAND PACKED GALLUP PERFS W/20,000# 20-40 SAND, 10,000# 10-20 SAND AND 5% KEL. WATER.
13. RAN 200, AND DRILLED OUT BRIDGE PLUGS AT 7970 AND 7865 FT. ABANDONED ON P.B.T.D. OF 8010 FT. R.K.B.
14. SET 54" 20" BAKER PRODUCTION PACKER AT 7700 FT. R.K.B.
15. RAN 200, 1-1/2" E.U.E., 2.90%, R-CON 55 TBC. TO DAKOTA. LANDED AT 7877 FT. R.K.B. BAKER 2-1/16" O.D. BLAST JOINTS SET ACROSS GALLUP PERFS. TOP BLAST JOINTS 7297 FT., BOTTOM BLASTS JTS. 7330 FT. R.K.B.
16. RAN 223 JOINTS, 1-1/2" INTEGRAL JOINT, 2.75%, R-CON 55 TBC. TO GALLUP. LANDED AT 7317 FT. R.K.B.
17. COMPLETED WELL NOVEMBER 13, 1967.