

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT 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.

13

10. FIELD AND POOL, OR WILDCAT,  
TAPACITO PICTURED CLIFFS  
BASIN DAKOTA11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREASEC. 13, T-26N, R-4W,  
N.M.P.M.

12. COUNTY OR PARISH

RIO ARRIBA

13. STATE

NEW MEXICO

## SUNDRY NOTICES AND REPORTS

(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 ☒ OTHER ☐  
WELL WELL

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

1850 FT. FROM THE NORTH LINE &amp; 790 FT. FROM THE WEST LINE.

14. PERMIT NO.

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

6890 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 TO T.D. OF 3800 FT. R.K.B. RAN 115 JTS. 7-5/8", 26.40#, K-55 INTERMEDIATE CASING. LANDED AT 3797 FT. R.K.B. STAGE COLLAR SET AT 1915 FT. R.K.B. CEMENTED 1ST STAGE W/650 CU. FT. CEMENT. PLUG DOWN AT 4:45 P.M. 9/14/71. CEMENTED 2ND STAGE W/800 CU. FT. CEMENT. PLUG DOWN AT 6:00 P.M. 9/14/71. CEMENT CIRCULATED TO SURFACE.
2. GAS DRILLED 6-3/4" HOLE TO T.D. OF 8000 FT. R.K.B. REACHED T.D. 9/19/71.
3. RAN 131 JTS. OF 4-1/2", 10.50#, K-55 CASING AS A LINER. BOTTOM OF LINER SET AT 7992 FT. R.K.B. TOP OF LINER AT 3670 FT. R.K.B.
4. CEMENTED LINER W/1050 CU. FT. CEMENT. PLUG DOWN AT 9:45 A.M., 9/20/71.
5. MOVED IN AND RIGGED UP COMPLETION UNIT ON 9/24/71. RAN 2-3/8" TUBING AND CLEANED OUT TO P.B.T.D. OF 7956 FT. R.K.B. PRESSURE TESTED CASING TO 3500 PSI FOR 15 MINUTES. TEST OK. RAN CEMENT BOND LOG AND GAMMA-RAY CORRELATION LOG.
6. PERFORATED 1ST STAGE DAKOTA 1 SHOT/FT. 7884-7904 FT. AND 7926-7941 FT. R.K.B. TOTAL OF 37 HOLES.
7. SAND WATER FRAC PERFORATIONS WITH 30,000# SAND. USED 39,060 GALLONS WATER.
8. SET 4-1/2" BRIDGE PLUG AT 7835 FT. R.K.B.
9. PERFORATED 2ND STAGE DAKOTA 1 SHOT/FT. 7746-7764 FT. AND 7773-7794 FT. R.K.B. TOTAL OF 41 HOLES.
10. SAND WATER FRAC PERFORATIONS WITH 40,000# SAND AND 43,000 GALLONS WATER.
11. SET 4-1/2" BRIDGE PLUG AT 3720 FT. R.K.B.
12. PERFORATED PICTURED CLIFFS W/1 SHOT/FT. 3558-3564 FT. AND 3590-3622 FT. R.K.B. TOTAL OF 40 HOLES.

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

SIGNED GILBERT D. NOLAND, JR.

GILBERT D. NOLAND, JR.

TITLE DRILLING SUPERINTENDENT

DATE OCTOBER 18, 1971

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED  
DATE OCT 19 1971

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

## 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. SAND WATER FRAC PERFORATIONS @ 55,000# SAND AND 56,910 GALLONS WATER.
14. DRILLED BRIDGE PLUG AT 3720 FT. R.K.B. AND 7835 FT. R.K.B. CLEANED OUT TO P.B.T.D. OF 7956 FT. R.K.B.
15. SET 4-1/2" MODEL "D" BAKER PRODUCTION PACKER AT 7707 FT. R.K.B.
16. RAN 239 JTS. OF 1-1/2", E.U.E., 2.90#, YCO-55 TUBING TO DAKOTA. LANDED IN MODEL "D" PACKER AT 7701 FT. R.K.B. BOTTOM OF TUBING SET AT 7709 FT. R.K.B. BAKER MODEL "F" NIPPLE SET AT 7670 FT. R.K.B. SET 2.83" O.D. BLAST JOINTS ACROSS PICTURED CLIFFS PERFORATIONS FROM 3546 FT. R.K.B. TO 3626 FT. R.K.B.
17. RAN 108 JOINTS OF 1-1/2", 2.76#, YCO-55 INTEGRAL JOINT TUBING TO PICTURED CLIFFS. LANDED AT 3580 FT. R.K.B. BAKER MODEL "F" NIPPLE SET AT 3572 FT. R.K.B.
18. WELL COMPLETED 9/30/71.