

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

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 WELL ☐ GAS WELL ☒ 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.*
See also space 17 below.)
At surface
975 FT. FROM THE SOUTH LINE & 1640 FT. FROM THE EAST LINE.

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6798 FT. R.K.B.

5. LEASE DESIGNATION AND SERIAL NO.

CONTRACT #145

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JICARILLA "K"

9. WELL NO.

1410. FIELD AND POOL, OR WILDCAT
**SOUTH PLANGO PICTURED CLIFF
OTERO CHACRA EXTENSION**11. SEC., T., R., M., OR BLK. AND BASIN KD.
SURVEY OR AREA
SEC. 11, T-25N, R-5W**N.M.P.M.**

12. COUNTY OR PARISH

13. STATE

RIO ARriba**NEW MEXICO**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒REPAIRING WELL ☐FRACTURE TREATMENT ☒ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐(Other) **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 7-7/8" HOLE TO TOTAL DEPTH OF 7550 FT. R.K.B. REACHED T.D. 8/15/71.
2. RAN 230 JTS. OF 5-1/2", 15.50#, K-55 CASING. LANDED AT 7530 FT. R.K.B. BAKER STAGE COLLARS SET AT 4132 FT. R.K.B. CEMENTED 1ST STAGE W/1200 CU. FT. OF CEMENT. PLUG DOWN 11:00 A.M. 8/16/71. CEMENTED 2ND STAGE W/1250 CU. FT. OF CEMENT. PLUG DOWN 12:15 P.M. 8/16/71.
3. MOVED IN COMPLETION UNIT SEPTEMBER 7, 1971. DRILLED OUT STAGE COLLAR AT 4132 FT. RKB. CLEANED OUT TO P.B.T.D. 7510 FT. R.K.B. PRESSURE TESTED 5-1/2" CASING TO 3500 PSI. TESTED OK. RAN CEMENT BOND LOG AND GAMMA-RAY CORRELATION LOG.
4. PERFORATED 1ST STAGE DAKOTA 1 SHOT/FT. 7396-7414 FT. 7424-7430 FT. AND 7440-7462 FT. RKB. TOTAL OF 49 HOLES.
5. SAND WATER FRAC PERFORATIONS W/50,000# SAND, 500# GLASS BEADS AND 66,400 GALLONS OF 0.8% KCL WATER.
6. SET 5-1/2" BRIDGE PLUG AT 7306 FT. R.K.B.
7. PERFORATED 2ND STAGE DAKOTA 1 SHOT/FT. 7262-7278 FT. R.K.B. TOTAL 17 HOLES.
8. SAND WATER FRAC PERFORATIONS WITH 30,000# SAND; 500# GLASS BEADS AND 46,200 GAL. OF 0.8% KCL WATER.
9. SET 5-1/2" BRIDGE PLUG AT 4005 FT. R.K.B.
10. PERFORATED CHACRA ZONE 1 SHOT/FT. 3950-3980 FT. RKB. TOTAL OF 31 HOLES. SAND WATER FRAC PERFORATIONS W/30,000# SAND AND 33,600 GALLONS OF 0.8% KCL WATER.
11. SET 5-1/2" BRIDGE PLUG AT 3142 FT. R.K.B.
12. PERFORATED PICTURED CLIFFS ZONE 1 SHOT/FT. 3064-3114 FT. RKB. TOTAL OF 51 HOLES. SAND WATER FRAC PERFORATIONS W/50,000# SAND AND 47,250 GALLONS OF WATER. (OVER)

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

SIGNED GILBERT D. NOLAND, JR.TITLE DRILLING SUPERINTENDENTDATE OCTOBER 5, 1971GILBERT D. NOLAND, JR.

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

RECEIVED

OCT 12 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. DRILLED BRIDGE PLUGS AT 3142 FT., 4005 FT. AND 7306 FT. CLEANED OUT TO P.B.T.D. OF 7510 FT. R.K.B.
14. SET 5-1/2" MODEL "D" BAKER PRODUCTION PACKER AT 7162 FT. RKB. SET 5-1/2" MODEL "FA" BAKER PRODUCTION PACKER AT 3902 FT. R.K.B.
15. RAN 227 JOINTS OF 1-1/2", E.U.E., 2.90%, YCO-55 TUBING TO DAKOTA. LANDED IN MODEL "D" PACKER AT 7162 FT. AND IN MODEL "FA" PACKER AT 3902 FT. R.K.B. BOTTOM OF TUBING SET AT 7340 FT. R.K.B. BAKER MODEL "F" NIPPLE SET AT 7332 FT. R.K.B. BAKER MODEL "L" SLIDING SLEEVE SET AT 3806 FT. R.K.B. SET 2.33" O.D. BAKER BLAST JOINTS ACROSS CHACRA PERFORATIONS FROM 3940 - 3990 FT. R.K.B. AND ACROSS PICTURED CLIFF PERFS. FROM 3054 - 3124 FT. R.K.B.
16. RAN 122 JOINTS OF 1-1/2", 2.76%, YCO-55 INTEGRAL JOINT TUBING TO CHACRA. LANDED IN MODEL "FA" PACKER AT 3902 FT. R.K.B. BAKER 2.113" O.D. BLAST JOINTS SET ACROSS PICTURED CLIFF PERFORATIONS FROM 3055 - 3125 FT. R.K.B.
17. COMPLETED WELL SEPTEMBER 16, 1971.