

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(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 <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER                                                                                                       |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>CONTRACT #418</b>                          |
| 2. NAME OF OPERATOR<br><b>SOUTHERN UNION PRODUCTION COMPANY</b>                                                                                                                                          |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>JICARILLA APACHE</b>                      |
| 3. ADDRESS OF OPERATOR<br><b>P. O. BOX 803, FARMINGTON, NEW MEXICO 87401</b>                                                                                                                             |  | 7. UNIT AGREEMENT NAME                                                               |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>1850 FT. FROM SOUTH LINE &amp; 1850 FT. FROM WEST LINE</b> |  | 8. FARM OR LEASE NAME<br><b>JICARILLA #1</b>                                         |
| 14. PERMIT NO.                                                                                                                                                                                           |  | 9. WELL NO.<br><b>1</b>                                                              |
| 15. ELEVATIONS (Show whether DE, RT, GR, etc.)<br><b>6636 FT. B.K.B.</b>                                                                                                                                 |  | 10. FIELD AND POOL, OR WILDCAT<br><b>UTERO GALLUP BASIN DAKOTA</b>                   |
|                                                                                                                                                                                                          |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>SEC. 4, T-24N, R-5E, S-1E</b> |
|                                                                                                                                                                                                          |  | 12. COUNTY OR PARISH<br><b>HIO ARRIBA</b>                                            |
|                                                                                                                                                                                                          |  | 13. STATE<br><b>NEW MEXICO</b>                                                       |

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

NOTICE OF INTENTION TO:

|                                              |                                               |
|----------------------------------------------|-----------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         |
| (Other) <input type="checkbox"/>             |                                               |

SUBSEQUENT REPORT OF:

|                                                                               |                                          |
|-------------------------------------------------------------------------------|------------------------------------------|
| WATER SHUT-OFF <input type="checkbox"/>                                       | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREATMENT <input checked="" type="checkbox"/>                        | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/>                                | ABANDONMENT* <input type="checkbox"/>    |
| (Other) <b>SUPPLEMENTARY WELL HISTORY</b> <input checked="" type="checkbox"/> |                                          |

(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 7015 FT. B.K.B. REACHED T.D. 8/12/70.
2. RAN 216 JTS. 5 1/2", 15.50#, J-55 CASING. LANDED AT 7015 FT. B.K.B. CEMENTED 1ST STAGE W/600 CU.FT. CEMENT. PLUG DOWN AT 7:05 P.M. 8/11/70. STAGE COLLAR SET AT 4979 FT. B.K.B. CEMENTED W/375 CU.FT. CEMENT. PLUG DOWN AT 7:50 P.M. 8/11/70. STAGE COLLAR SET AT 3569 FT. B.K.B., AND CEMENTED W/1200 CU.FT. CEMENT. PLUG DOWN AT 8:40 P.M. 8/11/70.
3. RIGGED UP COMPLETION UNIT 8/18/70. RAN TUBING. DRILLED OUT STAGE COLLARS AT 3569 FT. AND 4979 FT. B.K.B. CLEANED OUT TO P.B.T.D. 6988 FT. B.K.B. PRESSURE TESTED 5 1/2" CASING TO 3500 PSI FOR 10 MIN. TESTED OK.
4. RAN CEMENT BOND LOG AND CORRELATION LOG.
5. PERFORATED DAKOTA AT 1 SHOT/FT. FROM 6892-6904, 6908-6912, 6920-6950, 6956-6968. SAND WATER FRAC W/40,000# 20-40 SAND, 20,000# 10-20 SAND AND 1,000# 12-20 GLASS BEADS. USED 62,538 GAL. OF 0.8% KCL WATER.
6. SET 5 1/2" BRIDGE PLUG AT 6040 FT. B.K.B.
7. PERFORATED GALLUP ZONE 1 SHOT/2 FT. 5802-5820; 1 SHOT/FT. 5840-5846, 1 SHOT/FT. 5850-5876, 1 SHOT/2 FT. 5884-5888, 5892-5900, 5920-5924, 5950-5958, 5978-6002.
8. SAND WATER FRAC GALLUP W/40,000# 20-40 SAND, 20,000# 10-20 SAND AND 1,000# 12-20 GLASS BEADS. USED 60,312 GAL. OF 1% KCL WATER.
9. BLOWED WELL DOWN TO 1550 FT. DRILLED BRIDGE PLUG AT 6040 FT. CLEANED OUT TO P.B.T.D. 6988 FT. B.K.B.
10. SET 5 1/2" MODEL #D BAKER PRODUCTION PACKER AT 6735 FT. B.K.B. AUGUST 22, 1970.

(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 **SEPTEMBER 8, 1970**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

## 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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847-485

11. RAN 216 JTS. 2-1/16", 3.25", YCO-55 INTEGRAL JOINT TUBING TO DAKOTA. LANDED IN PACKER AT 6735 FT. R.K.B. BOTTOM OF TUBING AT 6907 FT. R.K.B.
12. RAN 157 JTS. OF 2-1/16", 3.25", YCO-55 INTEGRAL JOINT TUBING TO CALLUP. LANDED AT 5982 FT. R.K.B.
13. COMPLETED WELL AUGUST 23, 1970.

