

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                 |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>Contract #150</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 808, 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 <b>990 ft. from North line &amp; 1650 ft. from East line.</b> |  | 8. FARM OR LEASE NAME<br><b>Jicarilla "C"</b>                                         |  |
| 14. PERMIT NO.                                                                                                                                                                                        |  | 9. WELL NO.<br><b>9</b>                                                               |  |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>7389 ft. A.K.B.</b>                                                                                                                              |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Blanco Mesaverde Basin, Dakota</b>               |  |
|                                                                                                                                                                                                       |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>Sec. 1, T-26N, R-5E, S-10E</b> |  |
|                                                                                                                                                                                                       |  | 12. COUNTY OR PARISH<br><b>San Juan</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:                      |                                               | SUBSEQUENT REPORT OF:                                                                                 |                                          |
|----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>                                                               | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>                                                           | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>                                                        | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) <b>Supplementary Well History</b> <input checked="" type="checkbox"/>                         |                                          |
| (Other) <input 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 9-7/8" hole to total depth of 4350 ft. A.K.B. ran 118 jts. 7-5/8", 26.40", K-55 casing. Landed at 4349 ft. A.K.B. Baker Stage Collar set at 2260 ft. A.K.B. Cemented 1st stage w/500 cu.ft. of cement. Plug down 11:15 P.M. 10/11/70. Cemented 2nd stage w/800 cu.ft. of cement. Plug down 12:15 A.M. 10/12/70.
2. Rippled up and pressure tested casing to 1500' for 30 min. Test OK.
3. Drilled 6-3/4" hole w/gas to total depth of 8555 ft. A.K.B. ran 135 jts. of 5", 15.50", K-55 casing as a liner. Top of liner 4189 ft. A.K.B. Bottom at 8554 ft. A.K.B. Cemented w/700 cu.ft. cement. Plug down at 9:30 A.M. 10/17/70.
4. Moved in and rigged up completion unit 10/22/70. Cleaned out to P.B.T.D. 8535 ft. A.K.B.
5. ran Cement Bond & Correlation logs.
6. Perforated 1st stage Dakota 1 shot/ft. 8444-8460, 8488-8496, 8516-8526 ft. A.K.B. Total of 37 holes. 0.48" hole size. Sand water frac w/30,000 sand, 20,000 10-20 sand and 1,000 12-20 glass beads; Used 69,590 gal. of 0.8% KCL water.
7. Set 5 1/2" Baker Model P-1 Bridge plug at 8365 ft. A.K.B. Pressured up on plug. Pressure would not hold.
8. ran 7-5/8" packer. Isolated hole in 7-5/8" casing at Baker stage collar at 2260 ft. A.K.B. Squeezed stage collar w/150 sks. of Class "C" cement. Job complete 5:00 P.M. 10/25/70.
9. ran 10 joints (330 ft.) of 5", 15.50", K-55 casing as a liner patch over stage collar. Bottom of liner 4119 ft. A.K.B. Top at 2089 ft. A.K.B. Cemented w/50 cu.ft. of latex cement containing 2% Calcium Chloride. Plug down 11:00 P.M. 10/26/70. B.O.C. 24 hrs.

(Page #1) (continued on Page #2)

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

SIGNED GILBERT D. NOLAND, Jr. TITLE Drilling Superintendent DATE November 9, 1970  
Gilbert D. Noland, Jr.

(This space for Federal or State office use)

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

## 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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