Form 9-331
(May 1963)

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: SF 078430

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

## 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.)

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Southern Union Production Company

8. FARM OR LEASE NAME: Navajo "A"

3. ADDRESS OF OPERATOR: P. O. Box 808, Farmington, New Mexico 87401

9. WELL NO.: 4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1565 ft. from the South line & 1140 ft. from the West line.

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10, T-26N, R-8W, N.M.P.M.

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6937

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE COMPLETE | ☐ | FRACTURE TREATMENT | XX | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) Supplementary Well History | | | XX |
| (Other) | | | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | | | |

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OIL CON. COM.
DIST. 3

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 T.D. of 7383 ft. R.K.B. Reached T.D. 8/14/67.
2. Ran 233 jts. of 4½", 10.50#, J-55 Csg. Landed @ 7382 ft. R.K.B. Cemented 1st stage with 680 cu. ft. 1-1 Diamix. Plug down at 9:05 P.M. 8/15/67. Cemented 2nd stage with 870 cu. ft. of HTS "C". Plug down at 10:10 P.M. 8/15/67. Cemented 3rd stage with 1150 cu. ft. of HTS "C" 4% gel. Plug down at 12:30 A.M. 8/16/67. Stage collars set at 2930 and 5406 ft. R.K.B.
3. Rigged up completion unit 8/23/67.
4. Picked up 1½" Tbg. Drilled stage collars @ 2930 and 5406 R.K.B. Cleaned out to P.B.T.D. of 7349 ft. R.K.B.
5. Pressure test casing to 3500 psi for 15 minutes. Test OK.
6. Ran Gamma Ray Correlation Log and Cement Bond Log.
7. Perforated 1st stage Dakota with 1 shot/ft. 7266-7282, 7292-7304, 7316-7322. Sand water frac perfs w/35,000# sand, 1000# glass beads and 41,750 gal. of 0.8% KCL water.
8. Set 4-1/2" Model P-1 Bridge Plug at 7225 ft. R.K.B.
9. Perforated 2nd Stage Dakota w/1 shot/ft. 7115-7122, 7128-7134, 7180-7202. Sand water frac perfs w/55,000# sand, 1000# glass beads and 60,890 gals. of 0.8% KCL water.
10. Ran 1-1/2" Tbg. Drilled out bridge plug at 7225 R.K.B. Cleaned out to P.B.T.D. 7349.
11. Ran 223 jts. of 1-1/2", EUE, 2.90#, Tubing. Landed at 7214 ft. R.K.B.
12. Well completed 8/26/67.

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

SIGNED Original signed by Gilbert D. Noland, Jr. TITLE Drilling Superintendent DATE Sept. 28, 1967

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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OCT 3 1967
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*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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