

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 076214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mc COOD

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

BADIN DAKOTA

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

**Sec. 22, T-30-N,
R-13-W, N.M.P.M.**

12. COUNTY OR PARISH 13. STATE

SAN JUAN

NEW MEXICO

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

Post Office Box 808, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

970 FEET FROM THE SOUTH LINE AND 1720 FEET FROM THE WEST LINE

14. PERMIT NO.

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

5748 FT. - DERRICK FLOOR

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 WELL 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 WITH MUD TO TOTAL DEPTH OF 6520 FT.
2. RAN 201 JTS. 4 1/2", 10.50#, J-55 CASING. LANDED AT 6520 FT. R.K.B. STAGE COLLAR SET AT 4559 FT. FLOAT COLLAR AT 6486 FT. R.K.B. CEMENTED 1ST STAGE W/250 CU. FT. POZMIX W/6% GEL, 5# SALT, 12 1/2# GILSONITE/SK & 150 CU. FT. 50-90 POZMIX W/2% GEL, 5# SALT, 12 1/2# GILSONITE & 1/2% T.I.C./SK. PLUS DOWN 2:30 P.M. 12-29-63. OPENED STAGE COLLAR AT 4559 FT. CEMENTED 2ND STAGE W/1100 CU. FT. 40% DIACEL D CEMENT CONTAINING 12 1/2# GILSONITE/SK & 43 C.G. PLUG DOWN 3:30 P.M. 12-29-63.
3. DRILLED STAGE COLLAR AT 4559. CLEANED OUT TO P.B.T.D. OF 6486. PRESSURE TESTED 4 1/2" CASING TO 3000 PSI FOR 15 MINUTES ON 12-30-63. TEST OK.
4. RAN GAMMA RAY CORRELATION LOG AND CEMENT BOND LOG. PERFORATED 1 SHOT/FT. 6266-6280, 6329-6336, 6341-6346, 6354-6370, 6376-6384, 6387-6392, 6398-6402. SAND WATER AND CO2 FRAC PERFS W/60,000# 20-40 MESH SAND AND 17,000# 10-20 MESH SAND. USED 71,200 GALLONS WATER CONTAINING 3 4# FR-4/1000 GALB. AND 280 CU. FT. CO2. PER BBL.
5. RAN 195 JTS. 1 1/2", 2.90#, E.U.E. JCW TUBING. LANDED AT 6350 FT. R.K.B. CEMENTED WELL 12-31-63.

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

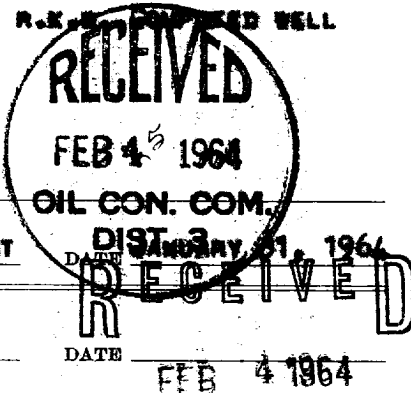
SIGNED **GILBERT D. NOLAND, JR.**

TITLE **DRILLING SUPERINTENDENT**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE



*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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.