

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 070214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mc CORD

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANW/4, NE/4 Sec. 33
T30N, R13W, N.M.P.M.

12. COUNTY OR PARISH

SAN JUAN

13. STATE

N. Mex.

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 ☐		NOV 22 1963
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY		U. S. GEOLOGICAL SURVEY
3. ADDRESS OF OPERATOR Post Office Box 808, Farmington, New Mexico		FARMINGTON, NEW MEXICO
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1125 FEET FROM THE NORTH LINE AND 1580 FEET FROM THE EAST LINE NORTHWEST (NW) QUARTER OF THE NORTHEAST (NE) QUARTER OF SECTION 33, TOWNSHIP 30 NORTH, RANGE 13 WEST, SAN JUAN COUNTY, N. MEX.		
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5509 FT. - UNGRADED GROUND LEVEL	

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 TO TOTAL DEPTH OF 6245 FT. R.K.B.
2. RAN 193 JTS. & 1 1/2", 10.5#, J-55 CASING. LANDED AT 6245 R.K.B. STAGE COLLAR AT 4233 R.K.B. CEMENTED 1ST STAGE W/350 CU.FT. 50-50 POZMIX W/4% GEL, 5# SALT & 12# GILSONITE/SK AND 75 SK LATEX W/2% C.C. FLOAT COLLAR AT 6210 FT. HAD GOOD CIRCULATION. PLUG DOWN 3:30 A.M. 11-6-63.
3. OPEN STAGE COLLAR, CEMENT 2ND STAGE W/1000 CU.FT. 40% DIACEL "D" GLASS "C" W/12# GILSONITE & 4% C.C. PLUG DOWN AT 4:45 A.M.
4. RAN 2" TUBING & DRILLED STAGE COLLAR AT 4235 FT. AND CLEANED OUT TO P.D. 6210 FT.
5. TESTED CASING TO 2500 PSI. HELD OK.
6. CIRCULATED HOLE W/1% C.C. WATER & SPOTTED 250 GAL. 10% MSA ACID.
7. RAN CEMENT BOND LOG AND CORRELATION LOG. SHOWED GOOD CEMENT BOND.
8. PERF. 1 HOLE/FT. 5978-6000; 6010-6014; 6049-6056; 606-6068; 6074-6084; 6086-6102; 6106-6110; 6146-6152; 6162-6165.
9. SAND-WATER-CO2 FRAC USING 1750 GAL. 15% REGULAR ACID, 106,400 GAL. WATER W/4# FR-4/1000 GAL., 75,000# 20-40 MESH SAND & 15,000# 10-20 MESH SAND, & 40 TONS CO2. BREAK DOWN PRESS. 1500 PSI. MAX. FRAC PRESS. 3750 PSI, AVG. FRAC PRESS. 3500 PSI. MAX. FRAC RATE 51 BPM. AVG. FRAC RATE 42 BPM. ISIP 1650 PSI. 5 MIN. SHUT IN 1400 PSI. (OVER)

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

SIGNED D. G. MACY TITLE PETROLEUM ENGINEER

DATE NOV. 20, 1963

(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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DESCRIPTION OF COMPLETION OPERATIONS CONT'D

10. RAN 188 JTS. 1 1/2", I.J. TUBING. LANDED AT 6133 FT. R.K.B.
COMPLETED WELL 11-19-63.