

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.

14-20-603-768

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Indian

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Indian

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., OR BLK. AND

SURVEY OR AREA
Sec. 6, T-24N, R-3W
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

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

P. O. 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

1700 feet from the North line and 910 feet from the West line.

14. PERMIT NO.

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

6121 ft. Derrick Floor

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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☒
☐
☐

REPAIRING WELL

☐
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FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Supplementary 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 6600 feet R.K.B.
2. Ran 193 joints 5-1/2", 17.00, J-55 casing and 8 joints 5-1/2", 17.00, R-80 Casing. Landed at 6600 ft. R.K.B. Stage collars set at 4584 ft. R.K.B. under Mesaville and 2067 ft. R.K.B. under Pictured Cliffs. Cemented 1st stage w/385 cubic ft. of 50-50 pozzol class "C" cement containing 21 gal, 12-1/2" glassite and 50 salt per sk cement. Plug down 11:00 A.M. 9/8/64. Cemented 2nd stage thru collar at 4584 w/425 cubic ft. 50-50 pozzol class "C" containing 21 gal, 12-1/2" glassite and 50 salt/sk. Plug down 12 noon 9/8/64. Cemented 3rd stage thru stage collar at 2067 ft. R.K.B. w/950 cubic ft. 100 Mesh "D" Class "C" Cement containing 1/4 fl-oz/sk. and 1/2 Calcium Chloride. Plug down 12:50 P.M. 9/8/64. Cement circulated to surface on 3rd stage.
3. Rigged up completion unit September 17, 1964.
4. Ran tubing and drilled stage collars at 2067 ft and 4584 ft. and cleaned out to P.B.T.D. of 6560 ft. R.K.B. Pressure tested casing to 1000 psi for 15 minutes. Test O.K.
5. Ran Gamma-Ray Correlation log and cement bond log.
6. Perforated lower Dakota 1 shot/ft. 6418-44, 6411-36, 1 shot/ft. 6436-6440, 1 shot/ft. 6410-44, 6452-57, 6452-65, 1 shot/ft. 6476-80, 1 shot/ft. 6480-86, 6487-90, 1 shot/ft. 6510-34, and 1 shot/ft. 6534-38. Sand Water and Carbon Dioxide from perforations w/35,000 sand and 59,514 gallons of water and 20 tons of Carbon Dioxide.
7. Set 5-1/2" Magnesium bridge plug at 6410 ft. R.K.B. (OVER)

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

SIGNED

Gilbert D. Roland, Jr.

TITLE

Drilling Superintendent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

DATE 9 1964

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

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.

8. Perforated upper Dakota 1 shot/ft. 6281-86, 6297-6303, 6332-6337, 6354-6360, 6366-6371, 6374-6378, 6389-6396. Sand-Water and Carbon Dioxide free perforations w/90,000/ sand and 74,424 gallons of water and 20 tons of liquid carbon dioxide.
9. Set 5-1/2" Magnesium bridge plug at 4300 ft. R.K.B.
10. Perforated Mesaverde formation 1 shot/ft. 4182-91, 4224-34, 4241-44, 4257-61, 4267-76, 4281-90. Sand Water and Carbon Dioxide free Mesaverde Perforations w/100,000/ sand and 74,000 gallons of water and 40 tons of liquid carbon dioxide.
11. Run tubing and drilled bridge plugs at 4300 ft. and 6410 ft. and cleaned out to P.B.T.D. of 6460 ft. R.K.B.
12. Set Baker Model "D" 5-1/2" production Packer at 6050 ft. R.K.B.
13. Run 191 jts. and perf joint of 1-1/2", R.K.B., 2,304, JOW tubing to Dakota. Landed at 6379 ft. R.K.B. Run Baker 2-1/16" O.D. Blast joints across Mesaverde perforations from 4166 R.K.B. to 4300 ft. R.K.B.
14. Run 132 joints 1-1/2", 2,304, JOW Integral joint tubing to Mesaverde. Landed at 4270 ft. R.K.B.
15. Completed well September 20, 1964.