

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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847 - 485

14. Set 5" Model "D" Baker Production Packer at 7947 ft. K.B. Landed in Production Packer at 7947 ft. K.B. Bottom of tubing at 8114 ft. K.B. Set 2.33" O.D. blast joints across Gallup perforation from 7598 - 7638 ft. K.B.
16. Run 237 joints of 1 1/2", 2.76", 700-55 Interval Joint tubing to Gallup. Landed at 7600 ft. K.B. Set Baker Model "F" Ripple at 7592 ft. K.B.
17. Well completed 10-13-72.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Contract #105

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "A"

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT
Undesignated Gallup
Basin, Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Sec. 24, T-26N, R-44
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

1. OIL ☐ GAS ☐ OTHER ☒
WELL WELL

2. NAME OF OPERATOR

Southern Union Production Company

3. ADDRESS OF OPERATOR

P.O. Box 808, Farmington, New Mexico 87401

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

850 ft. from the North Line & 850 ft. from the West Line

14. PERMIT NO.

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

7243 ft. P.K.B.

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) Supplementary Well History ☒

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(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 w/mud to T.D. of 4080 ft. R.K.B. Ran 127 joints of 7-5/8", 26.40#, K-55 Casing Landed at 4079 ft. R.K.B. Baker stage collar set at 2200 ft. R.K.B.
2. Cemented 1st stage w/600 cu. ft. cement. Plug down at 7:45 A.M., 9-27-71.
3. Cemented 2nd stage w/800 cu. ft. cement. Plug down at 9:15 A.M., 9-27-71.
4. Gas drilled 6-3/4" hole to T.D. of 8350 ft. R.K.B. Reached T.D. 10-1-71.
5. Ran 135 joints of 5-1/2", 15.50#, K-55 Casing as a liner. Bottom of liner at 8339 ft. R.K.B. Top of liner at 3953 ft. R.K.B. Cemented liner with 600 cu. ft. cement. Plug down at 12:45 P.M. 10-2-71.
6. Moved in completion rig 10-5-71. Ran 2-3/8" tubing and cleaned out to P.B.T.D. of 8319 ft. R.K.B. Pressure tested casing to 3500 psi for 10 minutes. Test O.K.
7. Ran cement bond log and Gamma-Ray correlation log.
8. Perforated 1st stage Dakota 1 shot/ft. 8228 - 8248 & 8268 - 8274 ft. R.K.B. Sand water fraced perforations with 41,000# sand and 47,166 gallons water.
9. Set 5-1/2" Model "NC" bridge plug at 8170 ft. R.K.B.
10. Perforated 2nd stage Dakota 1 shot/ft. 7094 - 8108, and 8112 - 8138 ft. R.K.B. Sand water fraced perforations with 50,000# sand and 62,412 gallons water.
11. Set 5-1/2" Model "NC" bridge plug at 7665 ft. R.K.B.
12. Perforated Gallup 1 shot/ft. 7610 - 7634 ft. R.K.B. Sand water fraced perforations with 40,000# sand and 33,180 gallons water.
13. Ran 2-3/8" tubing and drilled out bridge plugs at 8170 ft. R.K.B. and 7665 ft. R.K.B. Cleaned out to P.B.T.D. of 8319 ft. R.K.B.

(Over)

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

SIGNED GILBERT D. NOLAND, JR.

TITLE Drilling Superintendent

DATE October 21, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
DATE

OCT 27 1971

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLORADO