

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
990 ft. from the North line and 1685 ft. from the East line.

14. PERMIT NO.

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

7239 ft. R.K.B.

5. LEASE DESIGNATION AND SERIAL NO.
Contract #150

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jica illa Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jica illa "G"

9. WELL NO.
10

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverte

Basin Dakota
H. SEC. T. R. M. OR BLK. AND
SURVEY OR AREA

Sec. 12, T-26N, R-5E,

N.H.P.M.

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:

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 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 to total depth of 4150 ft. R.K.B. Ran 122 joints of 7-5/8", 26.40#, K-55 casing. Landed at 4150 ft. R.K.B. Baker stage collar set at 2150 ft. R.K.B. Cemented 1st stage w/700 cu.ft. cement. Plug down 8:50 P.M. 10/27/70. Cemented 2nd stage w/700 cu.ft. of cement. Plug down 10:05 P.M. 10/27/70.

2. Drilled 6-3/4" hole to total dpth. of 8400 ft. R.K.B. Ran 134 joints of 5 1/2", 15.50#, K-55 casing as a liner (4404 ft.) Top liner at 3992 ft. R.K.B. Bottom liner at 8396 ft. R.K.B. Cemented w/700 cu.ft. of cement. Plug down 11:00 P.M. 11/16/70.

3. Rigged up completion Unit November 29, 1970.

4. Ran tubing and cleaned out to top liner at 3992 ft. R.K.B. Pressured up on casing. Pumped in 3 B.P.M. at 2800 psi. Ran 7-5/8" full bore Packer. Squeezed top 5 1/2" liner w/200 sacks cement. Job complete 2:00 A.M. 11/30/70.

5. Cleaned out to P.B.T.D. 8361 ft. Pressure tested casing to 3500 psi. Tested OK.

6. Perforated 1st stage Dakota 1 shot/ft. 8236-8256 ft.; 8284-8294 ft.; 8316-8322 ft. Total of 39 holes. Sand water frac perforations w/49,000# sand and 58,380 gallons 0.8% Kcl water.

7. Set 5 1/2" bridge plug at 8188 ft. R.K.B.

8. Perforated 2nd stage Dakota 1 shot/ft. 8136-8144 ft.; 8150-8158 ft. R.K.B. Sand water frac perforations w/28,000# sand and 37,800 gallons 0.8% KCl water. Set 5 1/2" bridge plug at 7660 ft. R.K.B.

Continued on Page 2

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

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

TITLE **Drilling superintendent**

DATE **January 4, 1971**

Gilbert D. Noland, Jr.

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 5 1971

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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.

9. Perforated Gallup zone 4 shots/ft. 7622-7630 ft. R.K.B. Total of 32 holes. Sand water frac perforations w/20,000# sand and 28,140 gallons of 0.8% Kcl water.
10. Blowed well down to bridge plug at 7660 ft. R.K.B. Tested Gallup production. Gauged 13 1/4 MCFPD - Non commercial.
11. Set 5 1/2" Baker Model "K" cement retainer at 7509 ft. R.K.B. Squeezed off perforations from 7622-7630 ft. R.K.B. w/150 sacks Class "C" cement w/2% Calcium Chloride. Maximum squeeze pressure 4000 psi. Job complete 3:00 A.M. 12/5/70
12. Perforate 2 holes in 5 1/2" liner at 5950 ft. Squeezed w/150 sacks of cement. Job complete 4:00 P.M. 12/5/70. Perforated 2 holes in 5 1/2" ft. R.K.B. & squeezed w/200 sacks of cement. Job complete 3:00 A.M. 12/6/70.
13. Drilled out squeeze cement and cleaned out to bridge plug at 7660 ft. R.K.B. Pressure tested casing to 1500 psi. Test OK.
14. Perforated Pointlookout 1 shot/ft. 6082-6106 ft. R.K.B. Total of 25 holes. Sand water frac perfs. w/50,000# sand and 54,600 gallons of water.
15. Set 5 1/2" bridge plug at 5730 ft. R.K.B.
16. Perforated Cliffhouse 1 shot/ft. 5558-5584, 5600-5606, 5624-5640, 5646-5664, 5676-5704 ft. R.K.B. Total of 99 holes. Sand water frac perfs w/50,000# sand and 54,600 gallons of water.
17. Ran tubing, drilled out bridge plugs at 5730 ft.; 7660 ft. and 8188 ft. R.K.B. Cleaned out to P.B.T.D. of 8361 ft. R.K.B.
18. Set 5 1/2" Model "D" Baker Production Packer at 8041 ft. R.K.B.
19. Ran 249 jts. of 1 1/2" E.U.E., 2.90#, YCO-55 tubing to Dakota. Landed in Model "D" packer at 8041 ft. R.K.B. Bottom tubing set at 8246 ft. R.K.B. Baker Blast joints set across Cliffhouse perfs from 5541-5710 ft. R.K.B. and across Pointlookout perfs from 6070-6111 ft. R.K.B.
20. Ran 189 jts. of 1-1/2", 2.76#, YCO-55 Integral Joint tubing to Mesaverde. Landed at 6068 ft. R.K.B.
21. Completed well December 13, 1970.

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