

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.

**SP 070505**

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**SEYMOUR**

9. WELL NO.

**5**

10. FIELD AND POOL, OR WILD CAT

**Blanco Mesquitas**

11. SEC., T., S., M., OR BLK. AND

**Sec. 13, T-2N, R-9W  
N.M.P.M.**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**New Mexico**

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

**1100 feet from the South line and 1000 feet from the West line.**

14. PERMIT NO.

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

**6316 Feet 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)

**Re-work Operations**

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

**XX**

(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. Rigged up workover unit April 1, 1964. Pulled 2" Tubing. Ran corrosion lag in 7" casing from 4870 feet to 208 feet.
2. Set Baker Model "K" cement retainer at 4800 ft. Cemented off open shot hole from 4906 to 5511 ft. w/300 sacks class "A" cement w/10% sand. Pressure tested 7" Csg. to 1000 psi for 15 minutes. Pressure held. Perforated 4 squeeze holes at 1760 ft. Circulated cement to surface from 1760 ft. w/600 cubic feet class "D" 205-Diesel "D" Cement. Containing 12% gilsonite and 2% Calcium Chloride and 75 sacks class "C" regular w/12% gilsonite and 2% Calcium Chloride.
3. Re-squeezed holes at 1760 ft. w/100 sacks class "C" w/2% Calcium Chloride and 12% gilsonite/sack. Job complete 9:00 A.M. 4/3/64. Drilled out pressure test squeeze holes. Pumped in at 2200 psi. Re-squeeze holes at 1760 w/100 sacks class "C" w/2% C.C. No squeeze.
4. Re-squeeze holes at 1760 w/100 sacks class "C" regular w/4% Calcium Chloride. Maximum squeeze pressure 2500 psi. Job complete 5:30 P.M. 4/4/64.
5. Drilled out squeeze cement and pressure test casing and holes at 1760 w/2500 psi for 15 minutes. Test OK.
6. Ran drill pipe and 6-1/4" bit. Drilled retainer at 4800 ft. and drilled out cement to 4920 ft. Hole wet.
7. Set Model "K" cement retainer at 4820 ft. Re-squeezed shot hole w/150 sacks regular cement w/10% sand and 2% Calcium Chloride. Max squeeze pressure 3000 psi. Job complete 5:00 A.M. 4/8/64.

(OVER)

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

SIGNED

*Gilbert D. Roland, Jr.*  
**Gilbert D. Roland, Jr.**

TITLE

**Drilling Superintendent**

DATE

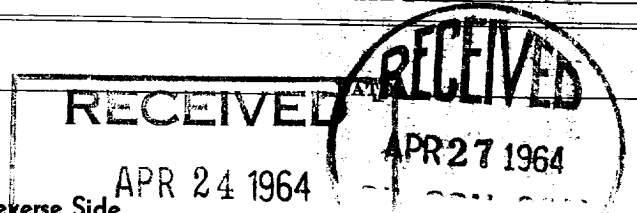
**April 22, 1964**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



\*See Instructions on Reverse Side

## 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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8. Drilled out retainer at 4820 and drilled out to 4950. Went back in old spot hole. Set cement retainer at 4818. Re-worked hole w/100 mesh regular w/25 Calcein Chloride and 10% sand. Job complete 4/11/64.
9. Sidetracked old hole and gas drilled 6-1/4" hole to Total depth of 5717 ft. R.K.B.
10. Ran 20 joints 9", 15.00', J-55 casing as a liner on April 15, 1964. Bottom of liner at 5725 feet. Top of liner at 4857 ft. Cemented w/180 cubic ft. 20% Dinnal "D" cement containing 3% Dinnal "A" and 1% Dinnal L.M.L. Plug down 12:15 P.M. 4/16/64.
11. Cleaned out to P.B.T.D. 5681. Pressure test casing to 2500 psi for 15 minutes O.K. Perforated 1 shot/ft. from 5682-5686,
 

5624-5624,	5612-5606,	5592-5584,	5580-5576,	5565-5559,	5552-5546,
5542-5536,	5528-5520,	5513-5507,	5476-5472,	5461-5455,	5434-5429,
5425-5421,	5404-5394,	5385-5382,	5376-5372,	5366-5362,	5358-5352,
5342-5335,	5298-5284,	5276-5268,	5260-5254,	5234-5228,	5206-5189,
5185-5182,	5168-5154,	5138-5134,	5108-5104,	5091-5082,	5054-5057,
5024-5024,	5000-5004,	5010-5002,	4974-4980,	4974-4970,	4966-4964.
12. Dual-stage cross perforations w/50,000# 20-40 mesh sand and 130,000# 10-20 mesh sand and 170,000 gallons of water.
13. Cleaned out to P.B.T.D. of 5681. Ran 187 joints and perf joint of 7" R.U.B., 4.700', J-55 tubing. Landed at 5505 feet R.K.B. Completed workover April 20, 1964.