

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Santa Fe

Lease No. 078505

Unit E/2, Sec. 23, T-31N,  
R-9W, N.M.P.M. San Juan Cty  
N.M., Communitized Unit  
NE/4 SF 078505, SE/4, N.M.  
03601

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |           |
|---|---|-----------|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |           |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |           |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |           |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |           |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 | <b>XX</b> |
| NOTICE OF INTENTION TO ABANDON WELL.....            |   |           |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 25, 1963

Well No. 7/ is located 1170 ft. from [N] line and 970 ft. from [E] line of sec. 23  
NE/4, NE/4, Sec. 23 31-N 9-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6436 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Moved in workover unit and rigged up. Pulled tubing from well.  
Set Bridge Plug at 1975 ft.  
Ran casing inspection log from 1975' to surface. Log showed some corrosion, but no holes. Pressure tested casing to 1500 psi. Held OK. Ran temp. survey from 3090 to 3280 ft.  
Perf. 4 holes @ 3 1/4" and cement w/200 sz regular Class "C" w/2% C.C.  
Ran cement bond log, show good bond w/top of cement at 2928 ft. R.K.B.  
Bradenhead flow shut off.  
Perf. 4 holes/ft. 3095-3097. Pumped into perfs at 1400 psi. Swab tubing down.  
Had slight show of gas.  
Acidize perfs (3095-3097) w/500 gal. S.D.A. Swabbed Acid back.  
(OVER)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

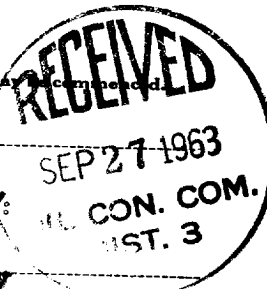
Company SOUTHERN UNION PRODUCTION COMPANY

Address P. O. Box 808

Farmington, New Mexico

ORIGINAL SIGNED BY:  
D. G. MACY

By D. G. Macy  
Title Petroleum Engineer



Made approx. 50 MCF gas.

Perf. 2 holes/ft. 3088 to 3108. Acidized w/2000 gal. 15% BDA, dropped 18 rubber balls. Swabbed acid back. Made 500 mcf gas.

Shut well in for pressure build up. 15 min. shut in 900 psi; 30 min - 1100 psi.

3/4 min - 1250 psi, 1 hr. 1300 psi, 1 1/4 hr. - 1320 psi. 1 1/2 hr. - 1330 psi.

2 hr. - 1340 psi.

Squeezed off perfs from 3088 to 3108 w/75 ex cement w/HALLAD 9 and 2% C.C. Max. press 2000 psi. Job complete 6:00 P.M. 9/9/63.

Re-squeeze 3088-3108 w/50 ex reg. cement w/HALLAD 9 and 2% C.C. Max squeeze press. 2500 psi. Job complete 7:00 P.M. 9/10/63.

Drilled out and cleaned hole to 3500 ft. Pressure test casing to 1600 psi.

Pressure dropped 150 psi in 30 min. Unable to pump in.

~~NEW~~ Blew well down, drilled Bridge Plug and cleaned open hole to 5165.

Stuck tubing. Cut tubing off at 4925 ft. and washed over w/gas and recovered tubing.

Cleaned out hole to 5615' with gas.

Ran 179 jts. 2" E.U.E., 4.70%, J-55 tubing. Landed at 5552 ft. R.M.B. 9/10/63.