

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. SF 080724-A

Unit SE/4, SW/4 Sec. 33,  
T-29N, R-10W, N.M.P.M.  
San Juan County, New Mexico

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.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

December 4, 1961

Well No. 15/ is located 1080 ft. from N line and 1770 ft. from W line of sec. 33

SE/4 SW/4 Sec. 33 29-N 10-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5792 ft. G.L.

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)

1. Drilled to T.D. of 6646' with mud.
2. Ran 208 jts, 4 1/2" O.D., 10.50#, J-55 casing. Landed at 6647' R.K.G. Set Halliburton D.V. Collar at 2257' R.K.B.
3. Cement 1st stage w/250 cu. ft. diamix with 2% Gel. Plug down at 1:45 P.M. 11/28/61.
4. Cement 2nd stage w/500 cu. ft. HYS-400. Plug down at 2:30 P.M. 11/28/61.
5. Drill stage collar. Clean out to P.B.T.D. of 6612'. Pressure up on casing to 3000 psi for 15 minutes. 11/30/61. Pressure held.
6. Spot 250 gallons mud acid on bottom.

(OVER)

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

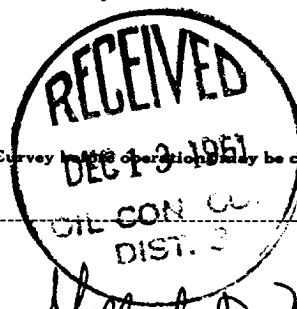
Company Southern Union Production Company

Address P.O. Box 808

Farmington, New Mexico

By Gilbert D. Noland, Jr.

Title Gilbert D. Noland, Jr.  
Drilling Superintendent



7. Perforated 4 shots/ft. 6562-6576, 6522-6544, Sand Water frac perfs with 20,000# 20-40 sand and 538 bbls water. Set 4 $\frac{1}{2}$ " Magnesium bridge plug at 6508'. Perforated 2nd stage with 4 shots/ft. 6452-6490', 6376-6398'. Sand-Water frac perfs with 40,000# 20-40 sand and 1030 bbls. water.
8. Drilled Bridge Plug and cleaned out to P.B.T.D. at 6612'.
9. Ran 196 jts., 1 $\frac{1}{2}$ " OD., 2.90#, J-55 EUE tubing. Landed at 6373 R.K.B.
10. Well completed 8:00 A.M. 12/2/61.