



(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
Land Office Santa FeLease No. SF 080724-A
 Unit SE 1/4 NE 1/4 Sec. 33
T-29N, R-10W, NMPM
San Juan County, N.M.

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

December 26, 1961

Well No. # 16 is located 1510 ft. from [N] line and 1030 ft. from [E] line of sec. 33
SE 1/4 NE 1/4 Sec. 33 29-N 10-W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Basin, Dakota San Juan County New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5646 ft. GL.

DETAILS OF WORK

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

1. Drilled to TD of 6570' with mud.
2. Ran 206 joints $\frac{1}{2}$ " OD, 10.50#, J-55 casing. Landed at 6572.76' RAB. Set Baker DV Tool at 2112.35' RAB.
3. Cement 1st. stage w/300 cu. ft. 1:1 Diamix w/2% gel. followed by 25 cu. ft. mixed with latex. Plug down at 7:11 PM 12/18/61.
4. Ran Temperature survey on 1st. stage cement. Top at 5100'.
5. Cement 2nd stage w/800 cu. ft. HES 400. Plug down at 5:40 PM 12/19/61.
6. Drilled stage collar and cleaned out to PBD @ 6540'. Pressured up on casing to 3000 psi for 30 min. 12/22/61. Pressure held.
7. Spot 250 gallons mud acid on bottom.
8. Perforated 1st. stage, 4 shots/ft 6508-6522, 6456-6486. Sand water frac perf. w/30,000# 20-40 sand and 3,524 gallons water. Set $\frac{1}{2}$ " Baker Model OK Magnesium (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 CO.Address P.O. Box 808Farmington, N.M.

By

Gilbert D. Roland, Jr.

Title

Drilling Supt.

Bridge plug at 6440' KB.

9. Perforated 2nd. stage, 4 shots/ ft. 6430-6440, 6402-6390. Sand water free perfs w/30,000# 20-40 sand and 31,206 gallons water. Set 4 1/2" Baker Model 03 Magnesium Bridge Plug at 6345 RKB.
10. Perforated 3rd. stage, 4 shots/ ft 6326-6332, Sand water free perfs w/12,500# 20-40 sand and 20,000 gallons water.
11. Drilled bridge plugs and cleaned out to FBTD at 6450.
12. Ran 205 joints 2 3/8" OD, h.70#, J-55, EUE tubing. Landed at 6356 RKB.
13. Well completed 12/24/61.