

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**

Lease No. **SF 080724-A**

Unit **W/2 Sec. 12, T-28N,
R-10W, NMPH
San Juan County, N.Mex.**

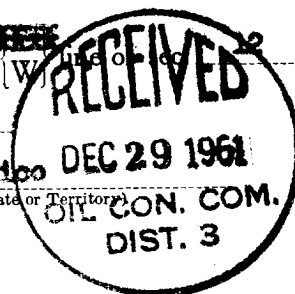
SUNDRY NOTICES AND REPORTS ON WELLS

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, 19 61

Well No. **Zachry #19** is located **790** ft. from **[S]** line and **1150** ft. from **[W]** line of **Sec. 12**
W/2 Sec. 12 **28-N** **10-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Basin Dakota **San Juan County** **N. Mexico**
(Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is **5047** ft. **GL**

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 TD of 6708' with mud.
2. Ran 218 jts. 4 1/2" OD, 10.50#, J-55 Casing. Landed at 6705. 23 RKB. Set Halliburton DV Collar at 2205.57' RKB.
3. Cement 1st stage w/ 200 cu. ft. 50-50 Pozmix w/ 1/2 gal and 12 1/2# Gilsomite per sack and 25 cu. ft. latex cement. Plug down at 6:00AM 12/13/61.
4. Ran temperature survey on 1st. Stage cement. Top at 4890. Opened DV tool at 2205.57.
5. Cement 2nd. stage with 1000 cu. ft. 20% Diacel "D" w/ 2% Calcium Chloride and 60 gilsomite per sack. Cement circulated; plug down at 3:00PM 12/14/61.
6. Drill stage collar. Clean out to PBTD of 6670'. Pressure up on casing to 3000 psi for 15 minutes. 12/16/61. Pressure held.
7. 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, N. Mexico

By **Gilbert D. Noland, Jr.**
Gilbert D. Noland, Jr.

Title **Drilling Supt.**

8. Perforated 1st. stage 4 shots / ft. 6580-6594, 6602-6608, 6628-6648. Sand water frac perfs/ w/30,000# 20-40 sand and 31,668 gallons water. Set Baker 4 $\frac{1}{2}$ " Model OE Magnesium bridge plug at 6565 RKB.
9. Perforated 2nd. stage r 4 shots/ft. 6520-6548. Sand water frac perfs. w/30,000# 20-40 sand and 30,240 gallons water. Set Baker 4 $\frac{1}{2}$ " Model OE, Magnesium bridge plug at 6500' RKB.
10. Perforated 3rd. stage 3 shots/ ft. 6460-6466. Sand water frac perfs w/20,000 # 20-40 sand and 21,000 gallons water.
11. Drilled bridge plugs and cleaned out to PBTD at 6670'.
12. Ran 203 joints 1 $\frac{1}{2}$ " OD, 2.90#, J-55 EUE tubing. Landed at 6518' RKB.
13. Well completed 12/20/61