



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **New Mexico**
Lease No. **03491**
Unit **Fernando**

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|--|--|------|
| NOTICE OF INTENTION TO DRILL | | SUBSEQUENT REPORT OF WATER SHUT-OFF | XXXX |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | XXX |
| 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)

January 12, 1951

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Fernando Unit
Well No. **61-4** is located **1,850** ft. from **[N]** line and **1,850** ft. from **[E]** line of sec. **4**
NE/4 Section 4
($\frac{1}{4}$ Sec. and Sec. No.) **T 26-N R 9-W** **N-M P.M.**
Basin Dakota (Twp.) (Range) (Meridian)
San Juan County **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6,445** 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)

12/17/60. After drilling to 6,000' ran 215 joints (6798') of 5-1/2" O.D. 15.5# J-55 casing set at 6798'. Cemented first stage with 375 sacks 50/50 Pozmix, 2% gel, followed by 50 sacks regular, 9/10 gal. latex per sack. Stage collar at 6690'. Cemented second stage with 200 sacks 50/50 Pozmix, 2% gel, 12 1/2# Wilsonite per sack. 3rd stage collar at 6255'. Cemented with 50 sacks 50/50 Pozmix, 4% gel. On 12/23/60 cleaned out to 6764'. Pressure tested casing to 2950# - 30 minutes. O.K. Displaced hole with oil. Spotted 500 gal. spearhead acid on bottom. Perforated Dakota 6702-6745' - 4 shots per foot. Sandfraced with 31,000 gal. oil with 50% per 1,000 gal. Adomite Mark II, and 30,000# sand, flushed with 6,930 gal. oil. Avg. inj. 44.4 BPM. Set Baker drillable bridge plug at 6672'. Perforated 4 shots per foot 6637-49', 6577-81', 6545-57'. Sandfraced with 28,000 gal. oil with 50% per 1M gal. Adomite Mark II, and 28,000# sand, flushed with 6,500 gal. oil. Avg. inj. 32BPM. On 12/29 ran 209 jts. (6627.29') 2-3/8" OD BUE Tubing + 4.09" nipple. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Landed at **6643'** RKB. Shut well in to await potential test and pipe line connection.

Company

J. CLENN TURNER

Address

Box 728

Farmington, N.M.

By

C. Deason Neal, Agent in Farmington

Title