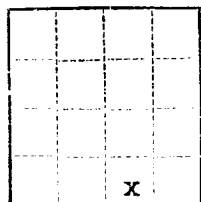


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. SF 078477
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|--|--|---|
| NOTICE OF INTENTION TO DRILL | | SUBSEQUENT REPORT OF WATER SHUT-OFF | X |
| 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 | | Setting Casing | X |
| | | Perf & Frac | X |

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

January 19, 1957

Nordhaus-Federal
Well No. 6 is located 182 ft. from N line and 1850 ft. from W line of sec. 19
NE/4 SW/4 19 25 N 7 W (Meridian)
(1/4 Sec. and Sec. No.) (Twp.) (Range)
Undesignated Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 6535.52 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)

On 12-15-56 ran 106.6' (3 joints) new 8 5/8" 24# J-55 ST&C casing set at 116' and cemented with 80 sacks cement. Cement circulated. After WOC 72 hours Tested casing with 300# for 30 minutes. Held OK.

On 12-23-56 ran 2234.59' (61 joints) new 5 1/2" 15.5# J-55 ST&C casing; 18 joints 4000#T, 43 joints Smls, and cemented with 150 sacks cement. Perf 2134-2216 with 4 jet shots per foot. Brokedown formation with 250 gallons mud acid. Fraced through perfs with 34,574 gallons water and 60,000# sand. Formation broke at 1500#. Maximum treating pressure 1750#. Average injection rate 45.5 BPM.

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

Company WESTERN NATURAL GAS COMPANYAddress 823 Midland TowerMidland, TexasBy John B. [Signature]Title Office Manager