



(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
Land Office Santa FeLease No. 073003Unit Northeast AlamoUnit Agreement No. 1 Sec. 34

RECEIVED

21 1958

SUNDRY NOTICES AND REPORTS ON WELLS

GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

| | |
|--|--|
| 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 | Subsequent Report of Sand-water Frac X |

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

DAKOTA - MESAVERDE DUAL

November 20, 1958

Well No. 56-34 is located 1100 ft. from [N] line and 265 ft. from [E] line of sec. 34

NE/4 Section 34

(1/4 Sec. and Sec. No.)

31N

(Twp.)

7W

(Range)

NMPH

(Meridian)

Alamo Mesaverde

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 6277 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)

On 11/8/58, perforated the Dakota Zone thru 5 1/2" casing with 4 holes per foot 7660'-7675', 7682'-7689 1/2', 7694'-7709', 7724 1/2'-7747', 7751 1/2'-7759', 7766'-7781' & 7790'-7805'. Sand-water fraced with 63,000 gallons of water (including flush) with 2% calcium chloride & 17 lbs WLC - 1 per 1000 gallons of water and 37,500 lbs of sand. Maximum treating pressure 3400 PSI. Minimum treating pressure 2700 PSI. Final pressure 2300 PSI. Average injection rate 37.5 barrels per minute.

Cleaned up Dakota Formation, set bridge plug 7580' & 5645' and on 11/11/58 perforated the Point Lookout Zone thru 5 1/2" casing with 2 holes per foot 5480'-5525', 5531'-5568 1/2', 5592'-5607' & 5616'-5638 1/2'. Sand-water fraced with 56,200 gallons of water (including flush) & 40,000 lbs of sand. Injected 73 rubber balls in 3 stages during treatment. Maximum treating pressure 1700 PSI. Minimum treating pressure 1400 PSI. Final pressure Zero PSI. Average injection rate 62 barrels per minute.

Over

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

Company Blackwood & Nichols CompanyAddress P.O. Box 1237Durango, Colorado

Original Signed

By DeLasso LoosDeLasso Loos

By

Title Field Superintendent

Set bridge plug at 5330' and perforated the Monrovia & Clifton zones thru 5 1/2" casing
with 2 holes per foot 5180'-5210', 5232'-5247', 5280'-5295', 5315'-5337' & 5358'-5380'.
Sand-water mixed with 58,800 gallons of water (including flush) & 45,000 lbs of sand.
Maximum working pressure 1250 PSI. Minimum treating pressure 1500 PSI. Final pressure
zero PSI. Average injection rate 52.3 barrels per minute.