



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. N.M. 013492
Unit A. L. Duff

RECEIVED

FEB 23 1958

SUNDRY NOTICES AND REPORTS ON WELLS
GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

| | | |
|---|---|----------------------------|
| NOTICE OF INTENTION TO DRILL..... | SUBSEQUENT REPORT OF WATER SHUT-OFF..... | <u>Protection</u> <u>X</u> |
| 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..... | <u>Report of Perforations</u> | <u>X</u> |
| | <u>Report of Sand-Fracing</u> | <u>X</u> |

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

February 27, 1958

A. L. Duff
Well No. 7 is located 1900 ft. from [S] line and 640 ft. from [W] line of sec. 20
N/2-S4/A Section 20 24N 13W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Dist. (Gallup) San Juan New Mexico
(Field) (County or Subdivision) (State or Territory) 1958

The elevation of the derrick floor above sea level is 6544 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)

Ran & set $5\frac{1}{2}$ " casing at 5420' & cemented with 200 sacks regular cement

Perforated $5\frac{1}{2}$ " casing 5369-70' with 4 jet shots to test cement job.
Cement job tested O.K. Perforated $5\frac{1}{2}$ " casing 5354-69' with 4 jet shots
per foot. Total perforations 16', 64 shots.

Frased Gallup formation down $5\frac{1}{2}$ " casing through $5\frac{1}{2}$ " casing perforations
5354-70' with 40,000# 20-40 sand & 41,580 gals. lvs. oil. BDP 2700#,
broke to 1250#, Max. TP 2400#, Min. TP 1950#, Inj. rate 40 BPM. Time
of treatment 30 min.

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

Company

Address

By George E. St. Joseph

Title District Superintendent