

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078194
Unit Ludrick

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

MAY 17 1961

| | |
|---|---|
| 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..... | <u>Water Frac</u> <u>X</u> |

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

May 11, 19 61

Well No. 13 is located 990 ft. from N line and 1780 ft. from E line of sec. 6

NE Section 6 29-N 10-W N.M.P.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5907 ft.

DETAILS OF WORK

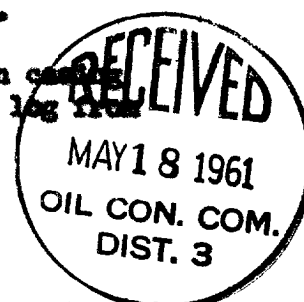
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

On 5-8-61 C.O.T.D. 6909'.

Water fractured Dakota perforated intervals 6702-28; 6754-62; 6798-6804; 6823-29; 6835-47; with 70,560 gallons water and 70,000# sand. Breakdown pressure 1300#, maximum pressure 4000#, average tr pr 2800-3200-3600-3950#.

Injection rate 38.5 BPM. Flush 6780 gallons.

4 stages, 3 drops of 2 of 20 balls, 1 of 3. Pressure up on casing with 4000#, held O.K. Spotted 300 gal HMA. Run correlation log from 6600-6909. Frac water contained 2 1/2# J-100/1000 gal.



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

Company El Paso Natural Gas Company

Address Box 990

Farmington, New Mexico

By Original Signed D. W. Meehan

Title Petroleum Engineer