



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office San Juan Co.
Lease No. 078511
Unit SW Section 19, T-31N, R-3E

SUNDRY NOTICES AND REPORTS ON WELLS

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| 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 <u>see work</u> |
| NOTICE OF INTENTION TO ABANDON WELL | |

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

November 10, 1958

Well No. 4 Quinn is located 990 ft. from N line and 990 ft. from E line of sec. 19

NE/4, SE/4, Section 19 T-31N R-3E N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Alamosa Mesquero San Juan County New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6491 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)

1. Commenced rework operations on September 5, 1958.
2. Cleaned out hole to original T.B. of 5775 R.L.B. Drilled 150 ft. of new hole to new T.B. of 5925.
3. Ran 33 joints 5", J-55, 15.00 casing on a liner on September 13, 1958, top of liner at 5882 R.L.B., bottom of liner at 5917 R.L.B. Cemented with 175 sacks regular cement.
4. Cleaned out to T.B.T.C. of 5883 R.L.B. Pressured up on liner to 1300 psi, pressure held.
5. Perf. 2 shots/ft. 5620-5750, 5760-5780, 5812-5820, 5836-5850 on September 18, 1958.
6. Sand Water Fro. above perforations with 90,000 sand and 121,000 gallons of water.
7. Set Baker Bridge Plug at 5570.
8. Perf. 2 shots/ft. 5260-5302, 5350-5378, 5460-5490 on September 18, 1958.

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

Company NORTHERN UNION GAS COMPANY

Address 1001 East Building
Dallas, Texas

By Paul J. Clate
Title Drilling Superintendent