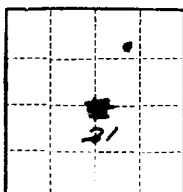


(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 11-978012-A
Unit _____



T27K

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R11W

SUNDRY NOTICES AND REPORTS ON WELLS

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	

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

January 27, 1961

Well No. 3-D is located 900 ft. from N line and 1850 ft. from E line of sec. 21
11W 27N 11W T.2N.R.1E.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4318 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)

Spudded: 12-17-60. Set 8 5/8" casing @ 204' (X3) w/300 sacks cement.
Cement Circulated.
Drilled 7 3/8" hole to 4237'. Drilled 8 3/4" hole from 4317' to 6440'.
Total depth.
Cored from 3543' to 6303'.
Set 4 1/2" casing @ 3625' (KB). Cemented 1st stage w/200 sacks 50/50
Pozmix cement 24 gal added. Cemented 2nd stage w/75 sacks
regular cement, 41 gal added, January 2, 1961.
Indicated top cement (1st stage): 3550'. Indicated top cement (2nd
stage): 1750'.
Moved completion rig on location 1-14-61. Drilled Halliburton D.V. tool
jointed 4 1/2" casing w/4000 psi., ok.
(OVER)

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

Company THE FRONTIER REFINING COMPANY
Address 4040 E. Louisiana Ave.
Denver 22, Colorado
By J. P. Hansen
Title Petroleum Engineer

Perforated: 6558' - 6574' w/one slot-jet per foot. Treated w/40,000 gallons of water, 20,000 pounds 20/40 sand.

Set bridge plug at 6548'.

Perforated: 6512' - 6524' w/4 jets per foot. Treated with 4,000 gallons of water, no sand, then treated with 4,000 gallons of water 2,000 pounds 20/40 sand. Screened out. Cleaned out to top of bridge plug @ 6548'.

Sand-drilled @ 6515'. Treated w/20,000 gallons of water, 4,000 pounds 20/40 sand.

Drilled bridge plug @ 6548', cleaned out to plugged-back total depth @ 6602', and landed 2" EUE tubing @ 6501', kicked well off, blew to clean up, and shut-in for hook-up.

Tested 1-25-61 through 32/64" choke @ 500 psi. back pressure to simulate deliverability. Shut-in casing pressure: 2100 psi. Shut-in tubing pressure: 2100 psi. Recovery gauged 2863 MCF gas/day (uncorrected pitot tube measurement), and stabilized flowing casing and tubing pressures at the end of the 24-hour test were 1,100 psi. and 900 psi., respectively. Oil produced during the test was 31.67 barrels (57.8° API @ 60°F), and water was estimated one barrel per day. Shut in. Waiting for pipe line connection.