

MAR 12 1956

APPROVED

(Orig. Sec.)

J. W. LONG

NOTICE OF INTENTION TO DRILL

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYIndian Agency AlamogordoContract No. 54Allottee Trust No. 104Lease No. 104-10411

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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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 Open Hole Drill
	Stem Tests Nos. 3, 4, and 5

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

February 16

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Well No. D-1 is located 790 ft. from N line and 790 ft. from E line of sec. 33
SE 1/4 NW 1/4 of 33 T-23-N R-3-W 104N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Sandoval County New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7329 ft. ground level

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)

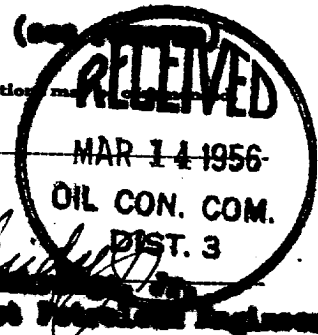
TEST No. 3 - 7121 to 7140 feet. Length of test 10 minutes; no shut-in pressure taken. Recovered 1990 feet of drilling mud with no show. One-inch top and bottom checks; no water cushion. Maximum surface pressure zero. Packer failed after 8 minutes. Bottom hole pressures as follows: IFF and 777-25 psi; IFF-9075 psi; IFF-9770 psi; test conducted on February 7, 1956.

TEST No. 4 - 7123 to 7140 feet. Length of test 3 hours; shut-in 30 minutes. Recovered 20 feet drilling mud - sample of recovery checked 35 units of total gas, of which five units were ethane and 30 units were methane by gas analyzer. One-inch top and bottom checks; no water cushion. Maximum surface pressure zero. Bottom hole pressures as follows: IFF and 777-25 psi; IFF and IFF-9075 psi; IFF and IFF-125 psi. Test conducted on February 8, 1956.

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

Company Reynolds Mining Corporation
Oil and Gas Division
Address 152 1/2 East 9th Street
P.O. Box 1320
Durango, Colorado

By J. W. Long
Title District Petroleum Engineer



DBT No. 5 - 7164 to 7190 feet. Length of test 3 hours; shut-in 30 minutes. Recovered 15 feet of drilling mud - sample of recovery had no fluorescence and no gas reading on gas analyzer. One-inch top and bottom chokes; no water cushion. Maximum surface pressure zero. Bottom hole pressures as follows: IFF and FFF-3 psi; IDP-3765 psi; RHP-3765 psi; ISIP and RSIP-3 psi. Test conducted on February 10, 1954.