Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Form 9-331a
(Feb. 1951)

33

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Farmington, New Mex.
Lease No. SF-078062
Unit South Huerfano

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		Subsequent Report of Drill Stem Tests Nos. 1, 2, 3, and 4	X

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

November 8, 19 56

Well No. 1 is located 1120 ft. from {N/S} line and 1520 ft. from {E/W} line of sec. 33

SE SW 4 (¼ Sec. and Sec. No.) T-24-N (Twp.) R-9-W (Range) NMPM (Meridian)

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

The elevation of the ~~derrick floor~~ ground above sea level is 6890 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)

DST No. 1 - 3949 to 3974 feet. Tool open two hours; shut in 30 minutes. Weak blow air immediately, decreasing to dead in eight minutes, and remained dead throughout test. One-inch top choke; three-quarter inch bottom choke. Recovered two feet of drilling mud with trace of fluorescence. No water cushion. Bottom hole pressures as follows: IFP 30 psi, FFP 10 psi, ISIP 10 psi, FSIP 10 psi after 30 minutes, IHP 2190 psi, FHP 2150 psi. Test conducted on October 1, 1956.

DST No. 2 - 4938 to 4972 feet. Tool open four hours; shut in 30 minutes. Fair blow air immediately, increased to strong blow in 10 minutes, and continued throughout test. One-inch top and bottom chokes. No flammable gas to surface. Recovered 63 feet of heavily oil and gas cut mud and 4100 feet of gas in drill pipe. No water cushion. Bottom

(continued next page)

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

Company Reynolds Mining Corporation
Oil and Gas Division
Address 152½ East Ninth Street
Post Office Box 1328
Durango, Colorado

By C. J. Eskridge, Jr.
Title District Petroleum Engineer

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hole pressures as follows: IFP 115 psi, FFP 135 psi, ISIP 135 psi, FSIP 720 psi after 30 minutes, IMP 2720 psi, FMP 2630 psi. Test conducted on October 12, 1956.

DST No. 3 - 4978 to 5024 feet. Tool open two hours and 22 minutes; shut in 30 minutes. Faint blow air immediately, decreasing to dead in 14 minutes. Bypassed tool and reseated packer after two hours, faint blow died in 30 seconds. Recovered 15 feet of drilling mud with no show. Chloride content of mud 200 ppm. No water cushion. Bottom hole pressures as follows: IFP 45 psi, FFP 50 psi, ISIP 45 psi, FSIP 60 psi after 30 minutes, IMP and FMP 2620 psi. Test conducted on October 14, 1956.

DST No. 4 - 5900 to 5942 feet. Tool open two hours and 35 minutes; shut in 30 minutes. Weak blow immediately and throughout test. Recovered 235 feet of water cut drilling mud and 90 feet of brackish water with no show. Chloride content of mud recovered on test 800 ppm; chloride content of water recovered on test 16,000 ppm. No water cushion. Bottom hole pressures as follows: IFP 60 psi, FFP 145 psi, ISIP 145 psi, FSIP 205 psi after 30 minutes, IMP and FMP 3270 psi. Test conducted on October 24, 1956.