

APPROVED **SEP 14 1953**
A. P. Fleeman

ACTING DISTRICT ENGINEER
COPY FOR
STATE OF NEW MEXICO
**OIL CONSERVATION
COMMISSION**
SUBMIT IN TRIPLICATE TO
DISTRICT OFFICE

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Land Office Jicarilla Apache Tribal
Lease No. Serial 12
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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 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.....		

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

September 9, 1953

Jicarilla
Well No. #1 is located 660 ft. from N line and 1980 ft. from W line of sec. 28

NE NW 28 24N 5W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6657 ft. G.L.

RECEIVED
SEP 14 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

DETAILS OF WORK

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

DST No. 1: 2270 - 2346. Open 90 min. Good blow immediately decreasing for 75 min., increasing when mud fell 15'. Recovered 30' drilling mud, 120' mud-cut water, 150' drilling mud. No shows. FP: 0; Hydrostatic: 1150; 30 min. SIP 190#.
DST No. 2: 3373 - 3815: Open 3 hours. Weak blow immediately increasing to good blow after 5 min. and continued throughout test. No gas to surface. Recovered 90' slightly gas-cut and mud-cut salt water; 1655' heavily gas-cut and slightly mud-cut salt water. FP: 0-710; Hydrostatic: 2060; 15 min. SIP 1320#.
DST No. 3: 3813 - 3855: Open 2 hours - weak blow air increasing to good blow in 20 minutes, and continued throughout test. Recovered 60' slightly gas-cut and mud-cut salt water; 1395' of heavily gas-cut and slightly mud-cut salt water. FP: 0-620; Hydrostatic: 2040; 30 min. SIP 1350#.

SEE OVER

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

Company TIM G. LOWRY
Address 616 Central Ave., S.E.
Albuquerque, New Mexico

By *E. R. Richardson*
E. R. Richardson
Title Assistant General Manager

RECEIVED
SEP 21 1953
OIL CON. COM.
DIST. 3

TEST No. 4: 4096 - 4115. Open 2 hours, 35 minutes. Slight blow air died at end of test. Recovered 100' drilling mud - no shows. FP: 0-375; Hydrostatic: 2325; no SIP.

TEST No. 5: 4203 - 4219. Open 2 hours - fair blow of air immediately decreasing to weak blow at end of test. Recovered 830' gas, 10' slightly oil and gas-cut mud, 60' heavily cut gas-cut mud medium oil-cut mud, 60' heavily gas-cut and slightly oil-cut mud, 40' medium gas-cut and very slightly oil-cut mud, and medium salt water cut-mud; 60' slightly gas-cut and heavily salt water cut mud; 60' slightly gas-cut and slightly mud-cut salt water; 30' slightly mud-cut salt water. FP: 70-170; 30 min. SIP 1150. Hydrostatic 2380.

TEST No. 6: 4221 - 4232. Very weak blow air - died in 35 minutes. Recovered 240' drilling mud - no shows. FP: 0-130; Hydrostatic: 2385; no SIP.

TEST No. 7: 4261 - 4272. Open 70 minutes weak blow air immediately decreasing to very weak blow. Recovered 200' very slightly gas-cut mud. FP: 0-175; 10-min. SIP 1005. Hydrostatic 2350.

TEST No. 8: 4422 - 4430. Open 4 1/2 hours. Air blow of air immediately increasing to good blow in 7 hours. Gas to surface in 12 minutes. Gauged 185 MCF in 30 minutes; 135 MCF in 70 minutes; 85 MCF in 1 hr 50 min; 87 to 35 MCF in 2 hrs 10 min.; 7 MCF in 2 hours 55 minutes; 7-20 MCF in 3 1/2 hours; 0-20 MCF in 4-1/3 hours. Recovered 630' gas-cut mud; 380' medium cut salt water; FP: 65-700; Hydrostatic 2450; 20-min. SIP 1390.

TEST No. 9: 4433 - 4439. Open 1 hr - weak blow of air increasing to fairly good blow of air - no gas to surface. Recovered 240' of drilling mud - no shows. 360' gas-cut mud; FP: 0-305; 15-min. SIP 1435; Hydrostatic: 2470;

TEST No. 10: 4536 - 4566. Open 1 1/2 hours - weak blow of air throughout test. Recovered 180' water cut mud - very slight trace of oil. FP: 0-40; 15-min SIP 90. Hydrostatic 2470;

TEST No. 11: 4566 - 4606. Open 90 minutes. Very weak blow of air - died at 75 minutes. Recovered 10' drilling mud - no shows. FP: 0; 20 min. SIP 85; Hydrostatic 2510. 21

Run 5 1/2" casing at 4430 cemented with 130 sacks cement. Moved out rotary tools and now waiting on cable tools.