

U.S.G.S.  
SUPPLEMENT OF  
LOG OF OIL OR GAS WELL FORM 9-330

Re: Lease New Mexico 033910 28  
Well No. 1 Federal McGrath  
SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 20, 8S, 37E  
Roosevelt County, New Mexico

DST #1

By Johnston Testers from 4875'-4968' with dual packers, 5/8" x 1" chokes & 500' water cushion took 15-minute ISIP tool open @ 4:00 a.m. 10-20-58 for 2-hours, no air to surface. Tool 15-minute FSIP, recovered 500' water cushion, 30' VSOCM ISIP 1390# IFP 240# FFP 270# FSIP 1225#, hydro in 2180#, hydro out 2195#. Went back in hole w/bit, drilled to 5015'; drilling break from 4972-97', 1-minute per foot; show oil 4968-5003', dolomite 5-30% inter xln porosity, 10-25% stain, low gravity oil, no fluor., fair cut. Circulated 7½ hours, came out w/bit, went in hole w/test tool for DST #2 by Johnston Testers from 4955-5015', 5/8" x 1" chokes, 500' water cushion, dual packers. Took 30-minute ISIP, tool open @ 5:55 a.m. 10-21-58, weak blow air immediately, increasing to fair blow in 10-minutes. Testing.

DST #2

4955'-5015', tool open 2-3/4 hours w/weak blow air immediately, increasing to fair blow in 10-minutes, remaining fair throughout test. Took 30-minute FSIP, recovered 500' water cushion 180' slightly oil cut mud, 180' salt water ISIP 1790# IFP 255#, FFP 450# FSIP 1280#, hydro in & out 2235#.

DST #3

9450'-9510', by Cook Testers w/5/8" x 1" chokes, 1000' WC, took 30 minute ISIP. Tool open @ 4:35 a.m. 11-23-58 with strong blow air immediately, gas to surface in 15-minutes, water cushion to surface 1 hour, cleaned to pits for 25 minutes, turned to test tank, testing well.

DST #4

By Cook Testers from 12080-12125' w/dual packers, 5/8" x 1" chokes, 1000' water cushion, took 30-minute ISIP, tool open @ 8:30 a.m. 1-5-59 for 3-hours, weak blow air immediately, remaining weak throughout test, took 30 minute FSIP. Recovered 1000' mud cut water cushion, 270' mud cut salt water, ISIP 4680# IFP 420# FFP 620# FSIP 4680#, hydro in 6380#, hydro out 6240#. Went back in hole w/bit, circulated 4-hours, came out w/bit, now preparing to log.

DIST: U.S.G.S. (4)  
Intex Oil Company  
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