

Monsanto

C O M P A N Y

HYDROCARBONS DIVISION

602 West Missouri Avenue
Midland, Texas 79701

October 7, 1964

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New Mexico Oil Conservation Commission
Drawer DD
Artesia, New Mexico

D. C. C.
ARTESIA, OFFICE

Gentlemen:

The following is a tabulation of the drill stem tests conducted while drilling our Lowe-State #1 well located in SE/4 of NW/4 Section 36, T-21S, R-23E, NMPM, Eddy County, New Mexico, which has been completed as a dual gas well from the Upper Penn and Morrow formations.

- 8-2-64: DST #1 - 6920-6950' Wolfcamp, 5 minute preflow, 1 hr & 18 min ISIP-2886, Tool open 1 hr & 12 min with fair initial to weak final blow. No GTS. IFP-463, FFP-694, 1 hr & 30 min FSIP-2886, I&FHP-3430. Recovered 135' (1.4 bbls.) water and GCM, 670' (7 bbls.) GCM, 1080' (10.7 bbls.) drlg. mud.
- 8-7-64: DST #2 - 7410-7527' Cisco, tool open 27 minutes. Flowed gas at rate of 20.1 MMCFD w/ 755 psi. surface pressure, 1" chk & 3/4" bottom chk. Flow was stabilized the last 11 minutes of the flow test. ISIP-43 minutes-2931, 43 minutes IF-2840, 43 minutes FF-2886, 46 minute FSI-2931. Recovered 5 gal. amber colored 52° @ 60° API gravity dist.
- 8-8-64: DST #3 - 7524-7615' Cisco, tool opened with strong blow, GTS-2 minutes, MTS-2½ minutes, tool open 26 minutes @ 18 MM rate on 3/8" bottom choke, 1" top choke, water to surface in 6 minutes. Had light spray of H2O, flowing surface pressure-720 psi 42 min ISIP-2977, 32 min FSIP-2977, IFP-2750, FFP-2795, I&FHP-3748, recovered 4 gal. distillate and 1 gal. fresh water.

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