

April 27, 1953

- DST # 1      9184' - 9453' (269' Wolfcamp). Tool open 2 hours thru 5/8" BC & 1" TC on 4" DS. Immediate strong air blow decreasing to weak in 15-min. and began heading w/trace of gas. Died after total of 1-hr. 15-min. After dying closed tool & bypassed packer. Mud level dropped in annulus. Refilled drill pipe - casing annulus w/mud thru fill-up line. Re-opened tool. Immediate weak blow dying in 40-min. Recovered; 910' (10 bbls.) oil. O&GCM / 910' (10 bbls.) O&GCM / 637' (7bbls.) HO&GCM / 1820' (20 bbls.) very HO&GCM / 819' (9 bbls.) salty sulfur water. (Rec. water titrated 27,500 ppm CL-) / 637' (7 bbls.) oil & water out mud / 546' (5 bbls.) very HO&GCM. FBHP 2900 - 3690 psi. 30-min. SIBHP 4100 psi. HMM 4250 in - 3975 out. Positive Test.
- DST # 2      12,348' - 12,635' (287' Devonian). Tool open 2-hrs. 49-min. thru 3/4" BC & 1" TC on 4" DS. Immediate strong air blow. GTS in 11-min. and after 1-hr. flowed @ 3.4 Mcf/day rate. First trace of fluid in 1-hr. 19-min. Gassed & flowed fluid by heads to pits for 35-min. Turned to tanks & flowed 9.96 bbls. clean oil in 40-min. (14.94 b/hr.). Next 15-min. flowed 5.81 bbls. clean 41.8 deg. oil (23.24 b/hr. rate). QOR 629. Pumped out circulating plug w/water & reversed & calculated 147 bbls. oil. Recovered; 180' (1.6 bbls.) v HO&GCM below circulating sub. Approximately 1 quart of clean oil - no water - immediately above retaining valve. Charts indicated tool partially plugged during first 45-min. of test erratic flow for next 79-min. steady flow for last 45-min. Final FBHP 2650 psi. 30-min. SIBHP 4900 psi. HMM: 6050 psi. Positive Test.

100-100000

[illegible]

100

1. *Chlorophyll a* (Chl *a*)

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