

El Paso Natural Gas Company
Leonard State # 2
Results of Drill Stem Tests

- DST # 1 From 7175'-7200', the tool was open for 2 hours and opened with a fair blow of air, and a fair blow throughout the test, no gas to the surface. Recovered 300' of gas in the drill pipe, 60' of HO&GCM, and 30' of O&GCM, with a trace of free oil, no water. ISIP- failed, 30 min. FSIP-563#, IFF- 57#, FVF- 57#, IHP- 3331#, FHP- 3331#.
- DST # 2 From 7210'-7240', the tool was open for 4 hours, strong blow of gas to the surface in 1 hour and 55 min., recovered 120' of HO&GCM, 1350' of GCSW, 90 min. ISIP- 2940#, 90 min. FSIP- 2915#, IFF- 115#, FVF- 653#, IHP- 3345#, FHP 3300#.
- DST # 3 From 8685'-8746', the tool was open for 2 hours, opened with a fair blow to a weak blow and increased to a strong blow in 5 minutes. The blow decreased toward the end of the test. Recovered 780' of fluid, 120' of HO&GCM, 660' of free oil. Approx. 30 min. ISIP- 3980#, FSIP-3060#, IFF-1290#, FVF- 1290# IHP- 4000#, FHP-4000#.
- DST # 4 From 8746'-8768', the tool was open for 2 hours, GTS in 9 min., TSTM. Recovered 1670' of H&GCSW with a trace of oil, and 4000' of GCSW, IFF-210#, FVF-2190#, 63 min. ISIP- 3440#, 60 min. FSIP- 3440#, IHP- 4050#, FHP- 4050#.
- DST # 5 From 9143'-9159', the tool was open for 2 hours, strong blow for 5 min., and decreased to a weak blow throughout the test. Recovered 1008' M&GCSW, 60 min. ISIP-3695#, 60 min. FSIP-3695#, IFF- 125#, FVF- 505#, IHP- 4375#, FHP- 4283#.
- DST # 6 From 9175'-9187', the tool was open for 90 min., recovered 390' of M&GCSW, opened with a fair blow and decreased to a weak blow throughout the test., 30 min. ISIP-3575#, 60 min. FSIP- 3550#, IFF- 25#, FVF- 95#, IHP- 4250#, FHP- 4230#.
- DST # 7 From 12,079'-12,196', the tool was open for 1 1/2 hrs. opened with a fair blow, and increased to a good blow throughout the test. Recovered 365' of # mud and 2535#, of salt water, IFF- 90#, FVF- 1270#, 30 min. FSIP- 5110#.

Rec'd 79

