

Line #1: 12-11,331, packer failure.

Line #2: 12-11,331, open 45", GTS 14", no gauge. Packer failure. Drilled 10' above 12-11,331 and drilling mud + 90' Vulcan 630# fluid. 60' API 5310#. No other pressures due to packer failure.

Line #3: 12-11,331, open 3 hrs, GTS 17", gauge 318 MCFPM, recovered 10' above 12-11,331 and drilling mud. ISIP 5335, no time. FP 630-785#. No time.

Line #4: 12-11,32-331, barrel jammed, recovered 19½' light gray crystalline dolomite w/vertical fractures, no show.

Line #5: 12-11,33-331, barrel jammed, recovered 26' dolomite, as above, no show.

Line #6: 12-11,32-331, barrel jammed, recovered 8½' dolomite, as above, no show.

Line #7: 12-11,32-331, barrel jammed, recovered 20' (13' light gray, very fine crystalline dolomite w/vertical fractures; 7' light gray medium-crystalline dolomite w/very slight vertical fractures.)

Line #10: 12-11,32-331, recovered 15' (9' gray medium-crystalline tight dolomite, no shows; 6' light gray crystalline and very porous dolomite w/spotty fluorescence and oily taste, sulphur odor (light brent.))

Line #11: 12-11,32-331, open 30", recovered 12,280# sulphur water. 50' API 5310#. FP 630-785#. 60" FSIP 5316#.

Line #12: 12-11,32-331, 100 sacks. Plugged back to 12,350'.

Line #13: 12-11,32-331. Retarded, open hole 12,322-12,350. Shut in 10 min. 20' API 5310#.

Line #14: 12-11,32-331. Retarded, open hole 12,322-12,350. Shut in 10 min. 20' API 5310#. Choke reduced to 900 MCF at end of 3½ hour test, 1/2" choke. Surface pressure increased to 315#.

Line #15: 12-11,32-331. 1/2" choke, surface pressure 300#.

Line #16: 12-11,32-331. 1/2" choke, surface pressure 275#.

Line #17: 12-11,32-331. 1/2" choke, surface pressure 275#.

Line #18: 12-11,32-331. 1/2" choke, 400 MCF, 1/2 hrs., surface pressure increased 350# to 400#. API 500#.

Line #19: 12-11,32-331. 1/2" choke.

Line #20: 12-11,32-331. 1/2" choke, 1/2 hrs. S/ load water + 25 bbls. drilling mud + 100' acidized 50 MCF in 15", gas decreased to 50 MCF. Acidized w/500 gal. acide (A. C. II, 12-11,336). Gauged at rate 250 MCF, no fluid, 1" choke, 1/2 hrs.

Line #21: 12-11,32-331. 1/2" choke.