

- DST #1: 9774'-9821' (47' Pennsylvanian). Tool open 2 hours 15 minutes (including 15 minutes preflow) thru 5/8" BC, 1" TC, 4 1/2" DP. Opened with strong blow decreasing to weak at end of test. GTS 15 minutes. TSTM. Reversed out 500' (7 bbls.) HG&OCM + 700' (9 bbls.) oil, Gr. 40° API + 6300' (88 bbls.) SW. Recovered 120' (0.5 bbls.) SW below circulating sub. BHT 145° F. 60 mins. ISIBHP 3469 psi. FBHP 1720-3420 psi. 180 mins. FSIBHP 3563 psi. HMP 4369-4369 psi. Recovered SW titrated 58,000 ppm Cl⁻. Pit mud titrated 1400 ppm Cl⁻. Conclusive Test (Johnston).
- DST #2: 9845'-9993' (148' Pennsylvanian). Tool open 1 hour 15 minutes (including 5 minutes preflow) thru 5/8" BC, 1/8" TC, 4 1/2" DP. Opened with good blow. After ISI reopened with strong blow for 30 minutes, decreased to very weak next 40 minutes. GTS 12 mins., TSTM. Recovered 2000' (28 bbls.) heavily gas cut mud + 6110' (85 bbls.) slightly oil cut and heavily gas cut sulfur water + 540' (2 bbls.) sulfur water. BHT 144° F. 60 minutes ISIBHP 3701 psi. FBHP 2017-3707 psi. 80 minutes FSIBHP 3708 psi. HMP 4854-4769 psi. Recovered water (bottom sample) titrated 10,000 ppm Cl⁻. Pit mud titrated 1400 ppm Cl⁻. Conclusive Test (Johnston).
- DST #3: 9840'-9886' (46' Pennsylvanian - Straddle test). Tool open 5 hrs. 22 mins. (including 7 mins. preflow) thru 5/8" BC, 1/2" TC, 4 1/2" DP. Opened with strong blow. GTS 6 minutes, MTS 1 hour 22 mins. OTS 2 hours 2 minutes. Flowed to pits 20 minutes. Turned thru separator. Flowed on 1/2" choke. 1st hour flowed 30 BO + 900 MGEG, FSP 310 psi. Shake out 2% BS&W. 2nd hour flowed 25 BO + 600 MGEG, FSP 225 psi. Shake out 2% BS&W. 3rd hour flowed 28 BO + 600 MGEG, FSP 250 psi. Shake out 2% BS&W. Shut in tool, unloaded 24 BO. Recovered 150' water below circulating sub. 60 minutes ISIBHP failed. FBHP 846-1971 psi. 150 minutes FSIBHP 3288 psi. HMP 4649-4661 psi. Recovered water titrated 25,000 ppm Cl⁻. Recovered 2 KW from tanks, titrated 60,000 ppm Cl⁻. Pit mud 1400 ppm Cl⁻. Conclusive Test (Johnston).
- DST #4: 9884'-9928' (44' Pennsylvanian - Straddle Test). Tool open 1 hour 51 minutes thru 5/8" BC, 1/2" TC, 4 1/2" DP. Opened with fair blow decreased throughout test. NGTS. Recovered 200' (3 bbls.) gas and slightly mud cut sulfur water + 4200' (59 bbls.) sulfur water. BHT 148° F. 60 minutes ISIBHP 2996 psi. FBHP 723-2034 psi. 120 minutes FSIBHP 2282 psi. HMP 4695-4636 psi. Recovered water titrated 25,000 ppm Cl⁻. Pit mud titrated 1400 ppm Cl⁻. Conclusive Test (Johnston).