

STATE "Q" 1
DRILL STEM TESTS

- DST #1 from 5121' - 5175', 4 hr test. Opened tool with good blow of air, no gas or fluid to surface. On trip out started unloading oil after pulling 1560' of drill pipe. Reversed out 13.75 bbls. of black 38.8 gravity oil & no water. Recovered: 90' of sulphur water. HI & HO-2260#, IFP-45#, FFP-1224#, 10 min BUP-1400#, 20 min BUP-1668#, 30 min BUP-1735# & slowly increasing.
- DST #2 from 5210' - 5240', 3 hr test. Opened tool with good blow of air which decreased and died after 3 hours. No gas or fluid to surface. Recovered: 60' of 36.5 gravity free oil. Reversed out 20' of oil and gas cut drilling mud (cut 60% oil), 75' free oil and 4005' of salty sulphur water with 90' black salty sulphur water below circulating sub. HI & HO-2330#, IFP-358#, FFP-1820#, 10, 20 & 30 min BUP-1820#.
- DST #3 from 5462' - 5514', 1-3/4 hr test. Opened tool with weak blow of air which died in 45 mins. No gas or fluid to surface. Recovered: 108' drilling mud and 12' fresh water. HI & HO-2478#, IFP-25#, FFP-71#, 10 min BUP-622#, 20 min BUP-1224#, 30 min BUP-1665# and slowly increasing.
- DST #4 from 5579' - 5636', 1 hr & 5 min. test. Opened tool with fair blow of air and died. By-passed mud and re-opened tool at 4:10PM with faint blow air and died. Recovered: 5' of drilling mud, no shows of oil, gas or formation water. HI & HO-2540#, IFP-0#, FFP-0#, 1/2 hour BUP-0#.
- DST #5 from 5668' - 5711', 1 hour test. Opened tool with very weak blow of air and died. Closed and re-opened tool with very weak blow of air and died. No gas or fluid to surface. Recovered: 20' of drilling mud, no shows of oil, gas or water. HI & HO-2505#, IFP-40#, FFP-40#, 10, 20 & 30 min BUP-40#.
- DST #6 from 5711' - 5886', 4 hour & 7 min test. Opened tool with weak blow of air which increased to fair blow in 30 mins then increased to strong blow in 1 hour and 45 mins and continued strong. Gas to surface in 4 hours. Gas Volume - too small to measure. No fluid to surface. Recovered: 95' of drilling mud above TC valve and 20' of drilling mud below TC valve. HI-2570#, HO-2560#, IFP-15#, FFP-55#, 10 min BUP-115#, 20 min BUP-170#, 30 min BUP-230# and increasing slightly.
- DST #7 from 6035' - 6066', 4 hour test. Opened tool with very weak blow of air which continued throughout test with no gas or fluid to surface. Recovered: 200' of slightly gas cut drilling mud (est. 5% gas cut) and 460' of salty water above TC valve. 60' of salt water (est. 5% gas cut) below TC valve. HI & HO-2767#, IFP-25#, FFP-210#, 10 min BUP-210#, 20 min BUP-1995#, 30 min BUP-2065# and slightly increasing.
- DST #8 from 6355' - 6425', 1 hour and 45 min test. Opened tool with weak blow of air which gradually decreased and died after 45 mins. Recovered: 20' of drilling mud. HI & HO-3045#, IFP, FFP and build up pressure - 60#.
- DST #9 from 6425' - 6480', 4 hour test. Opened tool with weak blow of air increasing to strong blow in 3 mins. Gas to surface in 16 mins, volume too small to measure. Gas decreased to weak blow after 4 hours, no fluid to surface. Reversed out estimated 1/2 barrel drilling fluid to pit and gauged 3.43 bbls. of 36.1 gravity oil in tanks. Recovered: 60' drilling mud below circ. sub and 30' of clean oil below TC valve. HI & HO-3150#, IFP-100#, FFP-500#, 10 min BUP-992#, 20 min BUP-1260#, 30 min BUP-1850# and increasing.
- DST #10 from 6480' - 6530', 4 hour test. Opened tool with strong blow of air. Gas to surface in 27 mins., volume too small to measure, Gas decreased to weak blow at end of test. No fluid to surface. Reversed out est. 3 bbls. of 15% oil and 20% gas cut drilling mud to pits. Gauged 4.14 bbls. of fluid which was 84% oil, 6% water and 10% drilling fluid. Gravity of oil - 34.5 corr. Recovered: 190' of salt water below circulating sub and recovered 10' salt water and 90' free oil below TC valve. HI-3035#, HO-3005#, IFP-65#, FFP-655#, 10 min BUP-1360#, 20 min BUP-2105#, 30 min BUP-2305# and slightly increasing.
- DST #11 from 6785' - 6904', 4 hour test. Opened tool with weak blow of air which decreased slightly after 20 mins and remained steady. Had gas to surface in 3 hours, volume was too small to measure. No fluid to surface. Recovered: 315' of 5% gas cut drilling mud above TC valve and 60' of slightly gas cut drilling mud below TC valve. (est. 2% oil cut and 4% gas cut. HI & HO-3208#, IFP-128#, FFP-195#, 10 min BUP-195#, 20 min BUP-261#, 30 min BUP-330# and increasing.
- DST #12 from 6894' to 6935', 4 hour test. Opened tool with weak blow of air which increased to strong blow in 10 mins then decreased to weak blow after 4 hrs. No gas or fluid to surface. Recovered: 200' drilling fluid. Reversed out 1670' of salt water. No shows of oil or gas. HI & HO-3227#, IFP-62#, FFP-995#, 10 min BUP-1457#, 20 min BUP-2246#, 30 min BUP-2480# and increasing

