

DST #4 Interval 10,571-10,665 Taken Jan. 22, 1972

Csg. size 7 7/8", Drill collar 6 1/2", Johnston tool, Johnston Packer, Johnston jars, Bowen safety joint. Choke size 5/8", surface open. Amount of tail pipe 94'. Mud wt. 8.8, Vis 42, Water loss 9.8, Filter cake 1/32. ISI 45 min / 225#, Tool open 120 min. FSI 90 min. / 1071#, IF 61#, FF 48#, IH 4948#, Temp. 144 dgr. Behavior of test - started at weak blow increased fair to good below. Sample chamber: 0 pressure .5 cu. ft. of gas. 1720 cc of heavy oil & gas cut mud. 670' of gas in drill collar. Fluid recovery 30' of slightly oil and gas cut mud.

DST #5 Interval 11,210'-11,267' Taken Jan. 27, 1972

Hole csg. size 7 7/8", Drill pipe size 4 1/2", Drill collar 6 1/2". Johnston Tool, Johnston Packer size of 6 1/2", Johnston jars, Bowen safety joint. Choke size 5/8", surface open. Amount of tail pipe 57', Mud wt. 9.0, Vis. 41, Wtr. loss 7.6, Filter cake 1/32. ISI 45 min/3510#, Tool open 120 min., FSI 90 min./ 1945#, Temp 157 dgr. IF 278#, FF 1214#, IH 5318#, FH 5305#. Behavior of test was very good blow for 90 min. decreased to weak blow, making heads last for 30 min., Gas to surface in 6 min. Fluid recovery 10,902' of oil in drill pipe. In Sample Chamber rec. 1060 cc of oil, 180 cc of oil and gas cut mud, 7 cu. ft. of gas in sample chamber. No free water.

DST # 6 Interval 11,778'-11,826' Taken Feb. 3, 1972

Csg. size 7 7/8", drl. pipe 4-1/2", drl. collar size 6 1/2", Johnston Tool, Johnston Packer and Johnston jars, Bowen safety joint, Ck. size 5/8", amount of fluid cushion 1,550', amount of tail pipe 48', mud wt. 9.5, Vis. 45, wtr. loss 6.4, Filter Cake 1/32. ISI 120 min. /3330#, Tool open 90 min., FSI 240 min. /3146#, IF 731#, FF 756#, IH 5882#, FH 5869#, Temp. 161 dgr. Behavior of test fair blow increased to good blow throughout the test. Fluid recovery 15' of oil 42.3 grav., 30' of oil and gas cut mud. Weight on fluid cushion 820#. Sample Chamber: 1000cc of oil 42.3 grav. 200 cc of gas cut mud, 3.1 cu.ft. of gas., 100# pressure, Recovered 3,000' of gas in drill pipe.

DST #7 Interval 12,800'-12,900' Taken Feb. 16, 1972

Csg. size 7 7/8", Drill pipe size 4 1/2", drill collar size 6 1/2", Johnston Tool, 2 Johnston packers, Johnston jars, Bowen safety joint. Choke size 5/8" surface open. Amount of fluid cushion 2490', amount of tail pipe 100'. Mud wt. 10.4, Vis. 45, Wtr. loss 7.6, Filter cake 2/32. ISI 1 hr. /6471#, Tool open 1 hr., FSI 1 hr. /6320#, IF 1522#, FF 2542#, IH 6981#, FH 7000#, Temp. 182 dgr. Sample Chamber: 960 cc, 860cc of heavy distillate cut mud, 100cc of distillate, 6.74 cu ft. of gas, 1800#. Toka formation tested.

DST # 8 Interval 12,795'-12,900' Taken Feb. 17, 1972

Csg. size 7 7/8", drill pipe size 4 1/2", drill collar 6 1/2", Johnston Tool, Johnston size 6 3/4" Packer, Johnston jars, Bowen safety jt., Choke size 5/8" surface open. Amount of fluid cushion 2000'-- Water, Amount of tail pipe 105", Mud wt. 10.4, Vis. 45, water loss 7.5, filter cake 2/32. ISI 90 min./6433#, Tool open 210 min., FSI 150 min./ 6282#, IF 1049#, FF 1616 #, IH 7019#, FH 6943#, Temp. 186 dgr. Behavior of test was strong blow throughout test, gas to surface in 120 min. Fluid recovery 2000' of wtr. blanket, 2000' of heavy gas distillate cut mud. 100' of formation water, 23,000 parts per million chloride, resistivity was .3 at 52 dgrs. In the Sample Chamber: recovered 1060 cc, - 620cc of watr., 440cc of oil, gravity 54.6 at 60 dgr., 5.25 cu ft. of gas in sample chamber, 875# pressure.