

DAVID FASKEN

MOBIL "10" FEDERAL NO. 1

Drill Stem Test Summary

D.S.T. NO. 1, 8360'-8426'

11-19-75

Tool open initially 15 mins. w/strong steady blow throughout. SI 62 mins., reopened with strong blow, decreased to weak in 25 mins. and very weak blow at end of 90 mins. SI 1 hour. Recovered 6100' fluid (3000' drilling mud, 2950' sulphur water cut drilling mud, and 150' sulphur water). Sampler recovery: 2300 cc black sulphur water at 50 psi. BHT 138° F. IHP 3752, Preflow 1014 to 2312, ISIP 2786, IFP 2224, FFP 2769, FSIP 2786, FHP 3717. Pulled out of hole with test tool, dropped 5 lost circulation bombs (7' x 7"), went back in hole and drilled up and shut off lost circulation.

D.S.T. NO. 2, 9800'-9835'

11-27-75

Tool open 15 mins. on preflow with very weak blow increasing to blow from bottom of bucket in 6 mins., tool closed 2 hrs. and tool reopened for 1 hour with very weak blow increasing to blow from bottom of bucket in 11 mins. with no change throughout test - no gas to surface. Tool closed 90 mins., recovered 1650' fluid (280' water & gas cut drilling mud + 1370' formation water). IHP 4711, Preflow 131 to 240 in 15 mins., ISIP 3327 in 2 hrs., IFP 306, FFP 721 in 1 hour, FSIP 3129 in 90 mins., FHP 4711, BHT 165° F.

D.S.T. NO. 3, 9890'-9968'

11-29-75

Tool opened with bubble for 2 seconds, dead for 10 mins., bypassed tool, tool opened with bubble for 2 seconds, dead in 15 mins., pulled out of hole, recovered 50' drilling mud. IHP 4799, 1st opening flow pressures: 131 to 243, 2nd opening flow pressures: 155 to 262, FHP 4799.