

DRILL STEM TESTS

- DST #1 3025-3075' HFT T.O. 1 hour. SB W/GTS 25 mins, GTEM. Rec 1350' fluid including 350' HO&GCM / 1000' O&GCM (Gty 34.1°) no water. FBHP 270-470#, 30 min SIBHP 940#, HP 1835#.
- DST #2 3075-3090' HFT T.O. 30 mins, WBA increasing all thruout. Rec 920' gas in DP. Rec 120' HO&GC & WCM (100,000 ppm) FBHP 35-50#, 15 min SIBHP 200#, HP 1870#.
- DST #3 8799-8900' HFT T.O. 30 mins, VWBA to dead in 20 mins, rec 40' mud, no shows. FBHP 95#, 15 min SIBHP 95#, HP 4640# in & out.
- DST #4 11094-128' HFT 1180' WB. T.O. 1 hr. FBA increasing to SBA W/GTS in 23 mins (244 MCF) Rec 2070' HO&GCWB (50% oil) / 270' HO&GCM / 180' Oil (Gty 46.5°) no water, FBHP 575-810#, 30 min SIBHP 4380#, HP 5780# in & 5735# out.
- DST #5 11285-395' HFT 1420' WB. T.O. 90 mins, SBA W/GTS in 20 mins (588 MCF) decreasing to (196 MCF) Rec. 3000' fluid, 1400' GCWB, 1600' EGCM, 4 gals water on top of tool (23,500 ppm) FBHP 820-880#, 30 min SIBHP 2345#, HP 6025# in & 6000# out.
- DST #6 11395-430' HFT 1460' WB. T.O. 90 mins, WBA to VWBA @ end of test. Rec 1460' WB W/btm 300' GC & 95' GCM, no oil or water. FBHP 690-715#, 30 min SIBHP 3950#, HP 6120# in & 6070# out.
- DST #7 12375-388' HFT 2500' WB. T.O. 45 mins, puff air to dead & reopened tool after 30 mins, puff air to dead. Rec 10' mud / 2500' WB, no shows. FBHP 1105-1126#, 15 min SIBHP 1150#, HP 6490# in & 6470# out.
- DST #8 12388-425' HFT 2500' WB. T.O. 30 mins, Weak BA to dead in 5 mins, closed & reopened tool after 15 mins, puff air to dead, Rec. 10' mud, no shows. / 2500' WB, FBHP 1085-1085#, 15 min SIBHP 1140#, HP 6430# in & 6375# out.
- DST #9 12429-469' HFT 2500' WB. T.O. 30 mins, VWBA to dead in 10 mins, closed & reopened tool after 15 mins, puff air to dead. Rec 2500' WB / 20' mud, no shows. FBHP 1115-1115#, no SIBHP, HP 6450# in & 6395# out.
- DST #10 12468-519' HFT 2500' WB. T.O. 2 hrs. WBlow gradually increasing to fairly strong blow in 1 hr and steady thruout. Rec 2500' WB / 900' Gas cut sulfur water (30,000 ppm) FBHP 1900-2600#, 30 min SIF 4600#, HP 6400# in & out.
- DST #11 (WSO) Testing Perfs 11,099-100' HHW 1100' WB. T.O. 60 mins, FB W/GTS in 40 mins, GTEM. Rec. 1100' GCWC / 20' water testing 12,000 to 16,000 ppm, FBHP 560-530#, 30 min SIBHP 585#, HP 3985#.

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