

- 12/10/94 12,438' (0')(Day 32) PU test tool. 16 3/4 hrs circ & cond mud for DST #3, 6 1/4 TOH & TIH w/DST #3, 1 hr PU DST tools for DST #3. MW 9, Visc 72, WL 7, FC 4/32, PV 17, YP 39, pH 9, solids 2.8%, chl 24,000 ppm.
- 12/11/94 12,438' (0')(Day 34) TIH w/7 7/8" bit. 11 hrs trip for DST #3, 1 1/2 hrs testing, 1 3/4 hrs PU & LD test tools. MW 9, Visc 72, WL 7, FC 4/32, PV 17, YP 39, pH 9, solids 2.8%, chl 24,000 ppm. DST #3 - 12,432' to 12,438' (6' of Devonian). 5/8" btm hole choke, 1/8" surface choke, 1560' wtr blanket. Tool opened for 10 min pre-flow and 180 min final flow. Pre-flow opened w/weak blow for 10 min. Closed tool in for 90 min ISIBHP. Final flow opened w/no blow for 180 min. Closed tool for 360 min FSIBHP. Recovery from DP: 1560' wtr blanket + 30' drlg mud. Recovery from sample chamber: 800 psi, .06 cf, 2000 cc mud w/trace oil. HMP IN 5942 psig OUT 5873 psig
10 min Pre-flow FBHP 737 psig to 723 psig
90 min ISIBHP 1576 psig
180 min Final flow FBHP 821 psig to 1074 psig
360 min FSIBHP 1306 psig
BHT 157 deg @ 12,438'.
Conclusive test by Rig Testers.
- 12/12/94 12,469' (31')(Day 35) TOH after failing to get DST tool to btm. Bit #10 - HTC ATJ-55C, 31' in 2 hrs. Depth out 12,469'. 1 hr washed 40' to btm, 2 hrs drld 31' new hole, 7 3/4 hrs circ & cond hole for DST #4, 10 1/4 hrs TOH w/7 7/8" bit & TIH w/DST #4 tools, 1 hr PU DST tools, 1 hr trying to work DST to btm, tool stopped @ 12,444', 25' off btm. MW 9, Visc 62, WL 8.8, FC 2/32, PV 15, YP 25, pH 8.5, solids 3.2%, chl 15,000 ppm.
- 12/13/94 12,469' (0')(Day 36) Short trip. Prep to POH for DST #4. 3 hrs TOH w/DST #3, 1 1/2 hrs LD DST tools, 1 hr cut DL, 4 1/2 hrs PU BHA & TIH w/7 7/8" bkt, 9 1/1 hrs reamed out dog legs from 12,265' to 12,469', 4 1/2 hrs circ & cond hole for DST #4. MW 8.9, Visc 64, WL 5, FC 1/32, PV 16, YP 24, pH 7.5, solids 3.2%, chl 20,000 ppm.
- 12/14/94 12,469' (0')(Day 37) TIH w/7 7/8" bit #10. Bit #10 - 7 7/8" HTC ATJ-55C. 17 1/2 hrs TOH w 7 7/8" bit, TIH w/DST tool, TOH w/DST #4, TIH w/7 7/8" bit, 1/4 hr slope test (3 3/4 deg @ 12,469'), 2 hrs LD DST tools, 1/2 hr worked DST tool thru tight spot, 1 1/4 hrs trying to get DST to btm, tools stopped w/btm of tool @ 12,442'. Btm of pkr @ 12,406'. Btm of Woodford Shale @ 12,420'. 2 hrs WOO. MW 8.9, Visc 64, WL 5, FC 1/32, PV 16, YP 24, pH 8.8, solids 3.2%, chl 20,000 ppm.
- 12/15/94 12,469' (0')(Day 38) Running directional survey w/DIG. 2 3/4 hrs finished TIH w/7 7/8" bit, 1 3/4 hrs washed & reamed 60' to btm, 14 1/2 hrs circ & made short trip, 4 3/4 hrs log well thru DP w/TDT/GR. TD 12,458', 1/4 hr RU & ran directional survey. Log top of Devonian - 12,422' (-8585'). MW 9.1, Visc 62, WL 5.2, FC 2/32, PV 14, YP 20, pH 7, solids 3.5%, chl 34,000 ppm.
- 12/16/94 12,469' (0')(Day 39) TOH w/DST #4.5 1/4 hrs run directional survey, 4 1/2 hrs circ, 10 hrs TOH w/7 7/8" bit & TIH w/DST #4 tools, 1 1/2 hrs PU DST #4 tools, 1 1/2 hrs working DST #4 tool thru tight spot, 1 1/4 hrs open tool, pkr failed, closed & re-open tool, pkr would not hold. MW 9.1, Visc 52, WL 5.2, FC 2/32, PV 14, YP 20, pH 7, solids 3.5%, chl 34,000 ppm.
- 12/17/94 12,469' (0')(Day 40) TOH to log. Bit #10 - 7 7/8" HTC ATJ-44C. 11 hrs tripped, 10 3/4 hrs circ & cond mud, 3/4 hrs load out DST #4 tools, 1 hr Re-pack swivel, 1/2 hr ream 60' to btm, no fill. MW 9, Visc 50, WL 4.8, FC 2/32, PV 14, YP 19, pH 7, solids 3.2%, chl 27,000 ppm.
- 12/18/94 12,469' (0')(Day 41) TOH for DST #5. 10 1/4 hrs logged, ran SWSCO GR/BHC & dipmeter (SHDT, 2 1/2 hrs changed out DL, 6 1/4 hrs tripped, 5 hrs worked on pumps. MW 9, Visc 42, WL 11.2, FC 2/32, PV 9, YP 11, pH 7, solids 2.5%, chl 33,000 ppm.

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