

15 min SIP 3550#. Swbd 40 BLW in 5 hrs. No show of gas.

42 hr SITP 800# from Morrow zone 11,404-11,406'. Set blank ck in F nipple at 11,294'. Rel from pkr. POOH.

Jet perf Morrow SS 2 s/interval 11,171', 11,172', 11,173', 11,174', 11,193', 11,197', 11,198', 11,203', 11,224' & 11,225'. Total 20 0.50" holes w/23" penetration. Ran & set tbg @ 11,060' w/pkr @ 11,056'. Drpd bar to open quik-flo nipple.

14 hr SITP 70#. Swbd 25 BW in 2 hrs. AZ Morrow zone 11,171-11,225 w/8000 gal 7½% MSR-100 w/additives. Used 1000 SCF N₂/bbl (total 225,000 SCF). Used 30 7/8" RCNCB's. Max 7200#, min 5900#, ISIP 4800#, AIR 9.6 bpm (6 ac & 3.6 N₂). 10 min SIP 4300#.

14 hr SITP 1900#. Flwd 7 BW in 3 hrs, 1" ck, FTP 10#. GR 150 MCFD. Rel'd pkr & POOH. Dumped 2 sx sd & 2 sx cmt on top of Model DB pkr at 11,275'. New PBTD 11,245'. Ran & set tbg @ 11,059' w/pkr @ 11,054'. AZ Morrow 11,171-11,225' w/3000 gal 7½% MSR-100 ac w/additives. Used 1000 SCF N₂/bbl (110,000 SCF) & 30 7/8" RCNC balls. Max 5900#, min 5200#, ISIP 5000#, AIR 9.1 bpm (5 ac & 4.1 N₂). 10 min SIP 4400#, 15 min SIP 4300#.

14 hr. SITP 1800#, Swbd 20 BLW & 1 bbl form wtr in 10 hrs. Well swbd dry. Gas TSTM. Rel pkr. POOH. Set 5½" CIBP on WL at 11,150'. Dmpd 4 sx cmt on top of CIBP for new PBTD 11,100'. Jet perf'd Atoka SS 2 spf 10,629', 10,630', 10,631' & 10,632'. Total 8-0.50" entrance holes w/23" penetration. Ran & set tbg @ 10,517' w/pkr @ 10,509'. Drpd bar to rupture disc. Swbd 10 BW in 2 hrs. Well swbd dry. Flwg weak 3' gas flare w/0# FTP.

42 hr SITP 600#. AZ Atoka SS 10,629-10,632' w/2000 gal 7½% MSR-100 ac w/additives. Used 1000 SCF N₂/bbl (71,000 SCF). Used 16-7/8" RCNC balls. Max 8450#, min 7500#, ISIP 7900#, AIR 6 bpm (4 ac & 2 N₂). 10 min SIP 4700#.

14 hr SITP 3700#. Swbd & flwd 5 BLW & 2 BW w/gas ARO 168 MCF/D in 10 hrs, 1" ck, FTP 10#. Rel pkr & POOH. Set CIBP @ 10,600', new PBTD. Perf Wolfcamp LM 2 SPF 9191-9194', 9248-9250' & 9282-9290'. Total 30 holes (0.50" dia & 23" penetration). Ran & set tbg @ 9100 w/pkr @ 9095'.

60 hr Wolfcamp SITP 300#. Swbd 5 BW in 10 hrs. Well swbd dry. AZ Wolfcamp LM perf 9191-9290' w/5000 g 15% HCl w/additives. Used 1000 SCF N₂/bbl (total 156,000 SCF). Used 45-7/8" RCNC balls. Max 7660#, min 4220#, ISIP 3600#, AIR 9 BPM (6 ac & 3 N₂). 15 min SIP 3580#. 14 hr SITP 150#. Swbd 2 BO & 5 BLW in 9 hrs. Gas TSTM. Rel pkr & POOH.

RIH w/4-5/8" RB & 4 3½" DC's on 2-7/8" EUE tbg. Tagged CIBP at 10,600'. Drld & pushed body of CIBP to 11,100' (new PBTD). 42 hr SITP (Wolfcamp & Atoka Zones) 100#. Jet perf'd Morrow Carbonate w/2 shots/interval 10,973, 10,975, 10,977, 10,979, & 11,032, 11,034, 11,036'. Total 14-0.50" entrance holes w/23" penetration. Ran & set tbg @ 10,883' w/pkr @ 10,878'. Swbd 50 BLW in 4 hrs. No Gas.