

12/17/95 PBDT @ 6201; Perf to Delaware @ 6193-98 (2 SPF-11 holes) & 5960-70 (2 SPF-21 holes). GIH w/Loc-Set pkr, O-O tool w/1.81 profile, 2 7/8 SN & tbg to 6201. RU Howco & pickle tbg w/150g 15% HCL. Rev to pit. Spot 100g 7 1/2 % FerCK SC. Pull pkr to 6025 & set. Breakdown perfs @ 6193-98. Broke @ 2670. Acidized w/1000g 7 1/2 % FerCK SC & 22 ballsealers. Max press-2700 (on ballout); Avg press-1200; Final press-1290; Max rate-2.75; Avg-2.5; Final-2.25; ISIP-1110; 5 min-1075; BLWTR-106. RU swab IFL-surf; FFL-SN; Rec 65 BLW; BLWTR-41.
DMC-\$0 TMC-\$4,960
DWC-\$12,275 CWC\$244,836

12/13/95 PBDT @ 6201; SITP-0; RU Howco & pmp 3000g @ WF30 Mini Frac @ 15 BPM-3000 psi. ISIP-1127; 5 min-1072; 10 min-1054; 15 min-1048; 30 min-1018. RU Wedge & run temp surv. Frac perfs @ 6193-98 w/6000g WF30 & 5500g BoraGel 30 w/20,500# 16/30 Brady sd & 12000# 16/30 Super LC. Max press-3640; Avg press-3200; Final press-2925; Max rate-15.25; Avg-15; Final 14.75; ISIP-1032; 5 min-897; 10 min-867; 15 min-833. RU JSI & run blanking plug & set in profile @ 6020. Ck plug. (OK) Gel off pkr & pull EOT to 5970. Spot 500g 7 1/2 % FerCK SC. Pull EOT to 5720. Breakdown perfs. Broke @ 2040. Put acid away. Max-4.5 BPM; Avg-3.0; Final 3.5; Max press-1360; Avg-1250; Final-1260; ISIP-1113; 5 min-940. SI & SDFN. BLWTR-496.
DMC-\$0 TMC-\$4,960
DWC-\$5,975 CWC\$250,811

12/19/95 PBDT @ 6201; SITP-130; RU Howco & pmp 6000g WF30 MiniFrac. 15 BPM @ 2560. ISIP-1050; 5 min-974; 10 min-949; 15 min-912; 30 min-845. RU Wedge Wireline & run Temp Surv. Frac perfs @ 5960-70 w/13,000g WF30 & 11,500g BoraGel 30 w/49,500# 16/30 Brady & 12,000# 16/30 Super LC. Well screened out w/1200g of flush in. (4000# Super LC left in csg). Max press-3800; Avg-2800; Final-3800; Max Rate-15.2; Avg-15; Final 14.8; ISIP-13.78; 5 min-888; 10 min-755; 15 min-745; TLTR-825 Today; BLWTR-1321. SI & SDFN.
DMC-\$0 TMC-\$4,960
DWC-\$31,550 CWC\$282,361

12/20/95 PBDT @ 6201; SITP & CP-0; RU kill truck & try to break circ via csg. Well press up. Would not circ. Attempt to circ via tbg. Press up & would not circ. POOH w/tbg. Last 720' of tbg full of sd. Clean out tbg. GIH w/O-O ret head & tbg to 5720'. Circ sd to 5750' & circ hole clean. BLWTR-1321. SI & SDFN.
DMC-\$0 TMC-\$4,960
DWC-\$5,055 CWC\$287,416

12/21/95 PBDT @ 6201; SITP & CP-0; Circ sd from 5750' to 6020 (O/O tool) Circ hole clean. Latch on to pkr. Unset & POOH. GIH w/notched collar on tbg. Tag sd @ 6125'. Circ sd & clean hole to 6201' (PBDT). Circ hole w/2% KCL. Start out of hole. . BLWTR-1321. SI & SDFN.
DMC-\$0 TMC-\$4,960
DWC-\$4,450 CWC\$291,566

12/22/95 PBDT @ 6201; SITP-200; SICP-115; Bled off (Good Gas). Finish POOH. GIH w/1-2 7/8" x 32' MA, 1-2 7/8" x 4' perf sub, 1-2 7/8" SN, 7 jts 2 7/8" tbg (217.61'), 2 7/8" x 5 1/2" TAC & 182 jts 2 7/8" tbg (5674.73). Btm of MA @ 5940. SN @ 5904, TAC @ 5683. ND BOP & NU wellhead. GIH w/16' gas anchor, 2 1/2" x 1 3/4" x 16 x 20 RHBC pmp, 1 7/8" shear pin, 9-7/8" rods, 138-3/4" rods, 87-7/8" rods, 1-4', 1-6', 1-8' x 7/8" ponies. Installed 1-22' PR & 1-16' liner. Hung well on & released all Rental Equipment. Turn over to production. BLWTR-1321.
DMC-\$0 TMC-\$4,960