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Drilling and Operation Summary
Ram Ewe Federal #4

09/29/95	11.6 BO; 360 BW; 52 MCF. DMC \$0 TMC \$9,530 DWC \$0 CWC \$241,829
09/30/95	19.67 BO; 329 BW; 39 MCF. DMC \$0 TMC \$9,530 DWC \$0 CWC \$241,829
10/01/95	19.67 BO; 315 BW; 14 MCF. DMC \$0 TMC \$9,530 DWC \$0 CWC \$241,829
10/02/95	11.24 BO; 281 BW; 55 MCF. DMC \$0 TMC \$9,530 DWC \$0 CWC \$241,829
10/03/95	16.89 BO; 350 BW; 51 MCF. DMC \$0 TMC \$9,530 DWC \$0 CWC \$241,829
10/04/95	MI & RU pulling unit. Unset pmp & POOH w/rods & pmp (Warehouse 29-7/8" & 51-3/4" rods). ND wellhead & NU BOP. Unset TAC & POOH. RU Wedge & run G/R J/B to 4800'. GIH & set CIBP @ 4610'. RU kill truck & load & test CIBP to 2500 psi. (Held OK). Perf Delaware @ 2604- 2616 (12' @ 25 SPF-25 holes) RD Wedge. GIH w/SN & 2 7/8" tbg to 4000'. SDFN. DMC \$0 TMC \$9,530 DWC \$5,875 CWC \$247,704
10/05/95	SITP-80 psi; SICP-55 psi; Bled off press. Continue in hole to 4500'. RU Howco & circ hole w/2% KCL. Pull end of tbg to 2617' & spot 250g 7 1/2% FerCKII. Pull end of tbg to 2294'. Breakdn new perfs. Broke @ 1150 psi. ISIP-735; Acidized w/1000g 7 1/2% FerCKII & 75 ball sealers. Max Rate-3 BPM; Avg-2.25; Final-3 BPM. Max press-1700 (Ball out); Avg-825; Final-875 psi; ISIP- 675; 5 Min-600; 10 Min-561; TLTR-75 bbls. Bled well dn & RU to swab. IFL-surf. FFL-2250. Rec 45 bbls; 30 BLWTR. SI & SDFN. DMC \$0 TMC \$0 DWC \$6,315 CWC \$254,019
10/06/95	SITP-20 psi; SICP-5 psi; RU swab. IFL-1900'. Made 2 runs. Rec 3 bbls (1st run w/40% oil cut). FFL-2100'. RU Howco & frac w/23,000g 30# BoraGel using 48,000# 16/30 Brady & 16,000# 16/30 Super LC. All rates 10.2 BPM. Max press-1700; Avg-1000; Final-1100 psi; ISIP-612; 5 min-547; 10 min-516; 15 min-504 psi. Tagged pad w/IR-192. RU Wedge & ran survey from 2200' to 2800'. SI & SDFN. BLWTR-623. DMC \$0 TMC \$0 DWC \$21,665 CWC \$275,684

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