

Page Three
Drilling and Operation Summary
Dall Federal #3

11/19/95 Day 9; Depth-3716; Prog-636; Oper-Drlg; Formation-Sd & shale; MW-8.8; Vis-30; PV/YP-2/1; Gel-1/1; pH-10.5; WL-23; Cake-Film; Solids-.5%; Chls-38K; Bit #4-S/N-811419; Size-7 7/8; MFG-W Mc; Type-53CHF; Jets-13/13/14; In-1665; Out-Drlg; Ftg-2051; Hrs-59 ½; FPH-34.5; WOB-25-40; RPM-75; BHA-655; Liner-5 ½; Stroke-18; SPM-50; Press-800; GPM-309; NV-241; AV-291/204; Dev-1 1/4 @ 3156; 1 3/4 @ 3629; Time Break down-2 3/4 hrs-Drlg; ½ hr-Totco @ 3156; 3/4 hr-Drlg; 3/4 hr-Rig rep; 13 ½ hrs-Drlg; ½ hr-Totco (Miss run); 1/4 hr-Drlg; 1 hr-Totco @ 3629; 3/4 hr-Drlg; 1 ½ hr-Rig rep; 1 3/4 hr-Drlg.
DMC \$565 TMC \$2,575
DWC \$10,024 CWC \$104,262

11/20/95 Day 10; Depth-4507; Prog-791; Oper-Drlg; Formation-Sd, lm & shale; MW-8.9; Vis-30; PV/YP-2/1; Gel-1/1; pH-10.5; WL-23; Cake-Film; Solids-.5%; Chls-42K; Bit #4-S/N-811419; Size-7 7/8; MFG-W Mc; Type-53CHF; Jets-13/13/14; In-1665; Out-Drlg; Ftg-2842; Hrs-83; FPH-34.3; WOB-40; RPM-75; BHA-655; Liner-5 ½; Stroke-18; SPM-50; Press-800; GPM-309; NV-241; AV-291/204; Dev-2 @ 4103; Time Break down-10 ½ hrs-Drlg; ½ hr-Totco @ 4103; 13 hrs-Drlg.
DMC \$0 TMC \$2,575
DWC \$11,241 CWC \$115,503

11/21/95 Day 11; Depth-4965; Prog-458; Oper-Drlg; Formation-70-Sd, 10-lm & 20-shale; MW-8.9; Vis-30; pH-10; WL-9; Chls-48K; Bit #4-S/N-811419; Size-7 7/8; MFG-W Mc; Type-53CHF; Jets-13/13/14; In-1665; Out-Drlg; Ftg-3300; Hrs-105 1/4; FPH-31.4; WOB-40; RPM-75; BHA-655; Liner-5 ½; Stroke-18; SPM-50; Press-800; GPM-309; NV-241; AV-291/204; Dev-2 1/4 @ 4600; Time Break down-4 3/4 hrs-Drlg; 1 hr-Totco @ 4600; 7 3/4 hrs-Drlg; 3/4 hr-Split FL for mud up; 9 3/4 hrs-Drlg.
DMC \$905 TMC \$3,480
DWC \$8,025 CWC \$123,528

11/22/95 Day 12; Depth-5070; Prog-105; Oper; Formation-BS LM; MW-8.9; Vis-30; PV/YP-3/2; Gel-1/2; pH-9.8; WL-7.4; Cake-Film; Solids-.8; Chls-52K; Bit #4-S/N-811419; Size-7 7/8; MFG-W Mc; Type-53CHF; Jets-13/13/14; In-1665; Out-5070; Ftg-3405; Hrs-111 1/4; FPH-30.6; T/B/G-7/5/1/16; WOB-40K; RPM-75; BHA-655; Liner-5 ½; Stroke-18; SPM-50; Press-825; GPM-309; NV-241; AV-291/204; Dev-1 1/2 @ 5070; Time Break down-6 hrs-Drlg. TD'd 7 7/8" hole @ 12:01 PM (MST) 11-21-95; 2 hrs-Circ. Drop Totco; 5 hrs-POOH for logs; Logging. Log TD @ 5070.
DMC \$0 TMC \$3,480
DWC \$8,060 CWC \$131,588