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Drilling and Operation Summary
Pinnacle State #12

10/14/95 Day 10; Depth-4953; Prog-470; Opr-Drlg; Formation-Sand & Shale; MW-10; Vis-29; pH-10; WL-18; Chls-194000; Bit #2; SN-A8584; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-520; Out-4483; Ftg-3963; Hrs-133 1/2; FPH-29.7; T/B/G-5/4/In; Bit #3; SN-A8324; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-4483; Out-Drlg; Ftg-470; Hrs-18; FPH-26.1; WOB-40K; RPM-70; BHA-692; Liner-5 1/2; Stroke-18; SPM-50; Press-1000; GPM-308; NV-241; AV-290/204; Dev-1 @ 4483; Time Breakdown-5 1/2 hrs-Bit Trip; 1/4 hr-Drlg; 1/2 hr-Service Rig; 17 3/4 hrs-Drlg.
DMC-\$45 TMC-\$895
DWC-\$7,140 CWC \$98,812

10/15/95 Day 11; Depth-5341; Prog-388; Opr-Drlg; Formation-Sand & Shale; MW-10.1; Vis-29; pH-10; WL-13; Cake-Film; Solids-1.3; Chls-194K; Bit #3; SN-A8324; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-4483; Out-Drlg; Ftg-858; Hrs-14 1/4; FPH-20.8; WOB-42; RPM-70; BHA-692; Liner-5 1/2; Stroke-18; SPM-49; Press-1000; GPM-303; NV-236; AV-281/200; Dev-1 @ 4959; Time Breakdown-1 1/2 hrs-Drlg; 1/2 hr-Totco @ 4959; 2 3/4 hrs-Drlg; 1/4 hr- Rig repair; 19 hrs- Drlg.
DMC-\$1,755 TMC-\$2,650
DWC-\$7,982 CWC \$106,794

10/16/95 Day 12; Depth-5790; Prog-449; Opr-Drlg; Formation-Sand & Shale; MW-10.1; Vis-29; pH-10; WL-13; Cake-Film; Solids-1.3; Chls-194K; Bit #3; SN-A8324; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-4483; Out-Drlg; Ftg-1307; Hrs-64 3/4; FPH-20.2; WOB-40; RPM-70; BHA-692; Liner-5 1/2; Stroke-18; SPM-49; Press-1000; GPM-303; NV-236; AV-281/200; Dev-1 3/4 @ 5432; Time Breakdown-7 hrs-Drlg; 1/2 hr-Totco @ 5432; 16 1/2 hrs-Drlg.
DMC-\$0 TMC-\$2,650
DWC-\$6,824 CWC \$113,618

10/17/95 Day 13; Depth-6217; Prog-427; Opr-Drlg; Formation-Sand & Shale; MW-10.1; Vis-31; pH-10; WL-9; Solids-1.3; Chls-195K; Bit #3; SN-A8324; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-4483; Out-Drlg; Ftg-1734; Hrs-87 1/4; FPH-19.9; WOB-40; RPM-65; BHA-692; Liner-5 1/2; Stroke-18; SPM-49; Press-1000; GPM-303; NV-236; AV-281/200; Dev-1 @ 5906; Time Breakdown-1 1/4 hrs-Drlg; 1/2 hr-Rig Repair; 4 1/4 hrs-Drlg; 1/4 hr-Service Rig; 3 3/4 hrs-Drlg; 1/2 hr-Totco @ 5906'; 8 1/4 hrs-Drlg; 1/4 hr- Split flow line; 5 hrs- Drlg.
DMC-\$340 TMC-\$2,990
DWC-\$7,541 CWC \$121,159

10/18/95 Day 14; Depth-6250; Prog-33; Opr-Logging; Formation-Sand, Lime & Shale; MW-10; Vis-34; pH-10; WL-9; Cake-Film; Solids-1.3; Chls-195K; Bit #3; SN-A8324; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-4483; Out-6250; Ftg-1767; Hrs-92; FPH-19.2; T/B/G-3/3/In; WOB-42; RPM-60; BHA-692; Liner-5 1/2; Stroke-18; SPM-49; Press-1000; GPM-303; NV-236; AV-281/200; Dev-2 1/2 @ 6250; Time Breakdown-4 3/4 hrs-Drlg; 2 hrs-Circ & drop Totco; 11 hrs-POOH for logs (Had tight spot, worked thru w/bit @ 3800-3500); 6 1/4 hrs-RU Loggers (Log TD @ 6250') (Note: No problems w/whole on logging runs).
DMC-\$1,970 TMC-\$4,960
DWC-\$5,887 CWC \$127,046