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Drilling and Operation Summary
Quahada Ridge 31 Fed #4

06/25/95 Day 9-Depth-2787; Prog-86; Oper-Drlg; Formation-Anhy; MW-9.5 Vis-29; pH-11; Chls-178K; Calc-1400; Bit #5; S/N-1995XF; Size-7 7/8; MFG-HTC; Type-ATJ33C; Jets-13/14/14; In-2701; Out-Drlg; Ftg-86; Hrs-11 1/2; FPH-7.5; WOB-7; RPM-75; BHA-725; Liner-5 1/2' Stroke-18; SPM-49; Press-900; GPM-295; Dev 5 3/4 @ 2703; Time Breakdown-5 hrs-WOC (24) plug dn 12:00 noon 6-24-95; 1/2 hr-Tested blind rams & ck manifold to 1000# (OK); 2 hrs-Press bit #5 & TIH w/25 DC & 1 jt DC; 1/2 hr-Tested pipe rams to 1100# (OK); 2 hrs-Finish TIH to TOC @ 2623'; 1 hr-Drl'd cmt & shoe; 1 1/2 hr-WL surv & rig repair; 11 1/4 hr-Drlg; Cmt report & csg report. Ran 60 jts 8 5/8" 24# & 32# J-55 ST&C (2718). Set @ 2703'. Depth Corrected (2703). FC @ 2656'; 15.45 Cut-off. Cmt'd w/900 sx 3565 POZ/H w/6% D 20 (gel) 1/4# D29 Cel Flake. 2.14 yield w/12.4 ppg. Tail-in 225 sx Class "C" w/1% S1 w/3.12 yield & 14.8 ppg. Circ 234 sx. BLM witness test. Float held. WOC 24 hrs.
DMC\$38 TMC\$870
DWC\$1,849 CWC\$110,679

06/26/95 Day 10-Depth-3364; Prog-577; Oper-Drlg; Formation-Anhy; MW-9.3 Vis-30; pH-10; Solids-.1; Chls-120K; Bit #5; S/N-1995XF; Size-7 7/8; MFG-HTC; Type-ATJ33C; Jets-13/14/14; In-2701; Out-Drlg; Ftg-663; Hrs-33; FPH-20; WOB-3540; RPM-60; BHA-725; Liner-5 1/2' Stroke-18; SPM-48; Press-900; GPM-284; NV-211; AV-267/188; Dev-3/4 @ 2789; 3 @ 2832; 1 3/4 @ 2961; 1 1/4 @ 3220; Time Breakdown-1 hr-Drlg; 1/2 hr-TOTCO & service rig; 2 1/4 hr-Drlg; 1/2 hr-TOTCO; 6 3/4 hr-Drlg; 1/2 hr-TOTCO; 4 3/4 hr-Drlg; 1/2 hr-TOTCO. Miss run @ 3177'; 1 3/4 hr-Drlg; 1/2 hr-TOTCO; 5 hrs-Drlg.
DMC\$13 TMC\$883
DWC\$9,962 CWC\$120,641

06/27/95 Day 11-Depth-4045; Prog-681; Oper-Drlg; Formation-Lime & sd; MW-9.2+; Vis-30; pH-9.5; Solids-.5; Chls-106K; Bit #5; S/N-1995XF; Size-7 7/8; MFG-HTC; Type-ATJ33C; Jets-13/14/14; In-2701; Out-Drlg; Ftg-1344; Hrs-54 1/2; FPH-24.7; WOB-30; RPM-60; BHA-725; Liner-5 1/2' Stroke-12; SPM-64; Press-450; GPM-225; NV-167; AV-212/149; Dev-3/4 @ 3435; 3/4 @ 3908; Time Breakdown-2 hrs-Drlg; 1/2 hr-Service rig & TOTCO; 17 hrs-Drlg; 3/4 hr-TOTCO; 1 1/2 hr-Drlg; 1 1/4 hr-Rig repair (#1 pmp); 1 hr-Drlg.
DMC\$37 TMC\$920
DWC\$10,816 CWC\$131,457

06/28/95 Day 12-Depth-4818; Prog-773; Oper-Drlg; Formation-Lime & SS; MW-9.2+; Vis-31; pH-9.5; WL-30; Solids-.6; Chls-90,000; Bit #5; S/N-1995XF; Size-7 7/8; MFG-HTC; Type-ATJ33C; Jets-13/14/14; In-2701; Out-Drlg; Ftg-2117; Hrs-77 1/2; FPH-27.3; WOB-40; RPM-60; BHA-725; Liner-5 1/2' Stroke-18; SPM-48; Press-1000; GPM-284; NV-211; AV-267/188; Dev-1 3/4 @ 4381; Time Breakdown-4 3/4 hrs-Drlg; 1/4 hr-Service rig; 6 1/2 hrs-Drlg; 3/4 hr-TOTCO; 11 3/4 hr-Drlg.
DMC\$35 TMC\$955
DWC\$11,935 CWC\$143,392

06/29/95 Day 13-Depth-5253; Prog-435; Oper-Drlg; Formation-sh, lm & sd; MW-9.0+; Vis-29; PV/YP-1/1; Gal-1/1; pH-11; WL-25; Cake-Flm; Solids-1%; Chls-78,500; Bit #5; S/N-1995XF; Size-7 7/8; MFG-HTC; Type-ATJ33C; Jets-13/14/14; In-2701; Out-Drlg; Ftg-2552; Hrs-100 3/4; FPH-25.3; WOB-40; RPM-60; BHA-725; Liner-5 1/2' Stroke-18; SPM-52; Press-1000; GPM-308; NV-229; AV-290/204; Dev-3/4 @ 4854; Time Breakdown-1 1/2 hrs-Drlg; 1/4 hr-Service rig; 1 1/2 hrs-Drlg; 1/2 hr-TOTCO; 20 1/4 hr-Drlg.
DMC\$780 TMC\$1,735
DWC\$8,667 CWC\$152,059