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Drilling and Operation Summary
Sheep Draw Federal #28-2

- 03-22-96 Day 20; Depth-2499'; Prog.-634'; Oper.-Tripping in hole w/magnet; Formation- Sand & Limestone; MW-8.8; VIS-29; PV/YP-2/1; Gal-1/1; pH-11; WL-19; Cake-FLM; Sand-Trace; Solids-.4; Chls.-4,000; Calc.-1,000; Liner-5-1/2; Stroke-18"; SPM-49; Press.-700; GPM-296; NV-231; AV-278/196; Bit #4; S/N-A14777; Size-7-7/8"; MFG-W/M; Type- 53 CHF; Jets-13,13,14; In-1572'; Out- 2499'; Fig.-927'; Hrs.-32-1/4; FHP-28.7; T/B/G/- Lost Cone; WOB-35; RPM-60; BHA-649; Time Break Down; 8 hrs.-Drlg.; 1 hr.-Rig Repair (swivel); 2 hrs.-Drlg.; 1/2 hr.-Work bit; 1/2 hr.-Circ.; 4 hrs.-POOH w/bit #4-Missing one cone on bit; 2-1/2 hrs.-Wait on magnet; 3/4 hrs.-TIF w/magnet; 3-1/4 hrs.-Rig repair (Boom Brace); 1-1/2 hrs.-Cont. In hole.
DMC-\$1,297. TMC-\$4,073.
DWC-\$ 6,988. CWC-194,218.
- 03-23-96 Day 21; Depth-3180'; Prog-681'; Oper.-Drlg.; Formation-Sandstone; MW-8.8; VIS-29; PV/YP-2/1; Gal-1/1; pH-10+; WL-37; Cake-Film; Sand-Trace; Solids-.2; Chls-38K; Calc-600; Liner-5-1/2; Stroke-18; SPM-51; Press.-800; GPM-308; NV-253; AV-290/204; Survey-1-1/4° @ 2630' & 1° @ 3147'; Bit #5; S/N-A15392; Size-7-7/8"; WMc; Type-53CHF; Jets-13/13/13; In-2499'; Out-Drlg; Fig-681'; Hrs.-16-1/2; FPH-41.3; WOB-35; RPM-60; BHA-650; Time Break Down-1-1/2 hrs.-Trip in hole w/magnet. Work on bottom. 2 hrs.- POOH (Recovered Cone); 2-1/4-GIH w/Bit #5; 1/4 hr.-Ream to bottom (No fill); 3-3/4 hrs.-Drlg.; 3/4 hr.-Survey (1-1/4° @ 2630'); 9-1/4 hrs.-Drlg.; 1/4 hr.- Rig Repair (#1 Pump); 2-1/4 hrs.-Drlg.; 1/2 hr.- survey (1° @ 3147'); 1-1/4 hrs.-Drlg. Mud Logger had shows from 2,512-2,590'.
DMC-\$0. TMC-\$4,073.
DWC-\$8,952. CWC\$-203,170.
- 03-24-96 Day 22; Depth-3981'; Prog-831'; Oper.-Drlg.; Formation-Sand & Shale; MW-8.8; VIS-29; PV/YP-2/1; Gal-1/1; pH-9.5; WL-30; Cake-Film; Sand-Trace; Solids-.3; Chls-37K; Calc-1,000; Liner-5-1/2; Stroke-18; SPM-49; Press.-700; GPM-296; NV-244; AV-279/196; Survey-1-1/2° @ 3620'; Bit #5; S/N-A15392; Size-7-7/8"; WMc; Type-53CHF; Jets-13/13/13; In-2499'; Out-Drlg; Fig-1482'; Hrs.-39-3/4; FPH-37.3; WOB-35-38; RPM-60; BHA-650; Time Break Down-1/4 hr.-Rig Repair (Brakes); 14/12 hrs.-Drlg.; 1/2 hr.-Survey (1-1/2° @ 3620'); 8-3/4 hrs.-Drlg. Mud Logger had shows from 3,815-3,830'.
DMC-\$715. TMC-\$4,788.
DWC-\$10,927. CWC\$-214,097.
- 03-25-96 Day 23; Depth-4587'; Prog-606'; Oper.-Drlg.; Formation-Sandstone; MW-8.9; VIS-29; PV/YP-1/1; Gal-0/1; pH-8.5; WL-13.6; Cake-Film; Sand-Trace; Solids-.9; Chls-54K; Calc-1560; Liner-5-1/2; Stroke-18; SPM-48; Press.-800; GPM-298; NV-245; AV-280/197; Survey-1-1/2° @ 4093'; Bit #5; S/N-A15392; Size-7-7/8"; WMc; Type-53CHF; Jets-13/13/13; In-2499'; Out-Drlg; Fig-2088'; Hrs.-62-3/4; FPH-33.7; WOB-35; RPM-60; BHA-650; Time Break Down-3 hrs.-Drlg.; 3/4 hr.-Survey (1-1/2° @ 4093'); 16-3/4 hrs.-Drlg.; 1/4 hr.-Rig Repair (Drum Clutch); 3/4 hrs.-Drlg. Mud Logger had show from 4,310-4,410'.
DMC-\$548. TMC-\$5,336.
DWC-\$8,832. CWC\$-221,929.