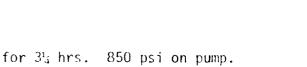
Simpson Trading Post spect NENW, Section 16, T2, R12W San Juan County, New Mexico Estimated TD 7,000' - Dakota Formation



7/09/79 - (continued) on bit. Started drlg for $3\frac{1}{4}$ hrs. 850 psi on pump. 94 strokes per min w/6" liners. Bit jets 12/32, 12/32 & 12/32. RPM 55, WOB 30,000#. Core #1 from 5,892' - 5,914', Graneros Sandstone, cut 22', recovered 22'. Core barrel jammed @ 5,914'.

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5,892' - 5,914'
                    Sandstone, very fine grain, silty, no shows
5,895' - 5,896'
                    Shale, blk, argillaceous
5,896' - 5,897'
                    Ss, very fine grain, slty, no shows, sh, blk,
                    arg, interlaminated 50% ss, 50% sh
5,897' - 5,898'
                    Ss 60%, sh 40%
5,898' - 5,899'
                    Ss 70%, sh 30%
5,899' - 5,901'
                    Ss 50%, sh 50%
5,901' - 5,902'
                    Ss 20%, sh 80%
5,902' - 5,903'
                    Sh, blk, poker chip fracture
5,903' - 5,904'
                    Ss 40%, very fine grain, slty, no shows, sh 60%
5,904' - 5,909'
                    Ss 20%, sh 80%
5,909' - 5,910'
                    Sh, blk, arg
5,910' - 5,914'
                    Ss 20%, sh 80%
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7/10/79 - 10th day rig. TD 5,994'. Dakota Formation. Made 62' in 9 hrs. W00 @ 6:00 a.m. MW 8.9, vis 50, WL 9.2, filter cake 2/32, PH 8.5, solids 4.5. Trace of sand. Recovered 60' of core. Pump pressure 1,200 psi. 80 SPM w/6" liners. 60 RPM, WOB 20,000#. Est top Kd "A" - 5,929' Core #2 5,935' - 5,995', Cut 60', recovered 60'

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5,935' - 5,937'
                    Ss, very fine grain, hard, tite, sli stain,
                    no cut or fluorescence
5.937' - 5.939'
                    Sh, blk, carbonaceous, tr of coal
5,939' - 5,962'
                    Ss, very fine grain to fine grain, subrounded,
                    siliceous, hard, tite, some vertical
                    fractures, no shows. @ 5,945', core
                    appeared to be bleeding wtr, sli salty
                    taste. Sand becomes shly toward base.
5,962' - 5,972'
                    Sh, blk, carbonaceous, poker chip fracture
5,972' - 5,979'
                    Ss w/laminated sh, ss, very fine grain,
                    very arg, burrowed
5,979' - 5,981'
                    Coal & sh
5,981' - 5,992'
                    Sh, blk, carbonaceous, tr of coal throughout,
                    some It gry, very arg sh
5,992' - 5,995'
                    Ss, wh to It gry, very fine grain w/streaks
                    of laminated sh, no shows
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No drld gas during coring, trip gas 150 un after coring. Presently running DST #1 from 5,900' - 5,995' PTD.

7/11/79 - TD 5,994'. Dakota Formation. Circ & conditioning mud. Made no footage in 24 hrs. MW 8.7, vis 56, WL 10, 2/32 cake, PH 8.5, 3.5% solids, tr of sand. Circ & conditioning for rerun of DST #1. Could not get to bottom, had 30' fillup. 1,300 psi on pump. 94 SPM w/6" liners. Bit jets 12/32, 12/32 & 12/32.