

-14-80 600 Drlg, Tertiary, Spud surf hole 7:45 pm 3/13/80. 1/4" @ 487'. 120-140 RPM, 35M#. Spud mud. (B#1).
 -15-80 788 Drlg, Kirkland. Ran 15 jts (688.20') 8-5/8" 24# K-55 ST&C w/GS & interpol flt & 3 cntrlzrs; set @ 702' & cmt'd w/10 BW, 200 sx Cl "B", 4% Gel, 2%CaCl₂ & 250 sx w/2% CaCl₂/Circ 90 sx. PD 3:36 pm 3/14/80. WOC 8 hrs. Back off & set csg head. Tst pipe rams & blind rams to 1000#, OK. 1" @ 600'. 80 RPM, 35M#. B#1, 12-1/4", HTC, OSC, made 638' in 11 hrs. B#2, 12-1/4". STC, DSJ, made 66' in 1-1/2 hrs. (B#3).
 -16-80 2548 Trip f/bit. 1/2" @ 1097', 3/4" @ 1590', 1/2" @ 1990'. 120 RPM, 35M#. Drlg w/KCl wtr & Benex. B#3, 7-7/8", STC, DSJ, made 1286' in 9 hrs. (B#4).
 -17-80 2883 LD derrick, chg out crown. Drl'd to present depth & strt out of hole f/new bit. Ran into crown w/traveling block after plg 10 stds. Now circ'g & rotating slowly while LD mast. 3/4" @ 2762'. 35 RPM, 120M#. Drlg w/KCl & Benex. B#4, 7-7/8", Sm., DTJ, made 558' in 8 hrs. B#5, 7-7/8", Sm., DTJ, made 335' in 6-1/2 hrs.
 -18-80 2954 Drlg. 120 RPM, 35M#. Mud: 8.5#, vis 29, Ph 7.2. Drlg w/KCl wtr & Benex mix. (B#6)
 -19-80 3155 TIH w/bit #7. 0" @ 3155'. 90 RPM, 35M#. Drlg w/wtr KCl & Benex. B#6, 7 7/8", HTC, OSCIGJ, made 272' in 7 1/2 hrs. (B#7).
 -20-80 3814 Drlg, Mesaverde. 1/4" @ 3991'. 90 RPM, 35M#. Drlg w/wtr, KCl & Benex. B#7, 7-7/8", HTC, OSIGJ, made 236' in 6-1/4 hrs. (B#8).
 -21-80 4343 TOH f/B#10, Mesaverde. 1/2" @ 3924'. 90 RPM, 38M#. Drlg w/wtr, KCl & Benex. B#8, 7-7/8", HTC, J-3, made 533' in 13-1/2 hrs. B#9, 7-7/8", HTC, J-3, made 419' in 10-1/4 hrs.
 -22-80 4896 Drlg, Mancos. 1/2" @ 4343' & 4800'. 70 RPM, 38M#. Drlg w/wtr. B#9, 7-7/8", HTC, J-3, made 419' in 11-1/4 hrs. (B#10).
 -23-80 5516 Drlg, Mancos. 3/4" @ 5330'. 70 RPM, 38M#. Mud: 8.6#, vis 31, WL 5, Sd-tr, salt 2500, Ph 8.5, Pv 2, Yld 1, Gels 0/0, solids 2.2%, Ca 100. (B#10).
 -24-80 5972 Trip f/bit #11, Mancos Sh. 1/2" @ 5972'. 70 RPM, 38M#. Mud: 8.5, Vis 30, WL 8. Drlg w/wtr, KCl & Benex w/starch. B#10, 7-7/8", Sm., F-2, made 1629' in 49-1/2 hrs.
 -25-80 6252 TOH f/new bit, Graneros. Strapped DP 5947' vs. 5972' board. Made corr. while drlg. Reserve pit broke, wtr went dn wash. 1/2" @ 5972'. 70 RPM, 38M#. Mud: 8.7#, Vis 31, WL 8, FC 1/32, Sd-tr, salt 2500, Ph 8.5, Pv 2, Yld 1, Gels 0/0, solids 1.2%, Ca 120. B#11, 7-7/8", Sm., F-3, made 280' in 14 hrs.
 -26-80 6387 Drlg, Dakota. On TOH had hole in DP, 2 stds above DC. Lost complete returns @ 6313' 4:45 pm 3/25/80. Pl'd 10 stds off btm. Mixed & cond'd mud. Pmp'd 35 bbls to regain circ. Mixed mud & cond hole. Full circ @ 9:30 pm. 1-1/4" @ 6252'. 70 RPM, 38M#. Mud: 8.7#, vis 38, WL 6, FC 1/32, Sd-tr, salt 1900, Ph 8, Pv 6, Yld 2, Gels 0/0, solids 2.7%, Ca 100. (B#11)
 3/27/80 6415 TD - LD DP & DCs, Dakota. Bored TD 6415', DP strap 6421.92', LTD 6424', no corr. Ran DIL-SFL-CNL-FDC-GR & caliper 6424' to surf csg (Schl). Lost 20 BM while logging, sli show of gas. 1-1/2" @ 6415'. 65 RPM, 35M#. Mud: 8.7, vis 48, WL 6, FC 1/32, Sd 1/4%, salt 1800, Ph 8.5, Pv 3, Yld 4, Gels 2/8, solids 2.7%, Ca 120, LCM 10%. B#11, 7-7/8", Sm., F-3, made 443 in 26-1/2 hrs.
 3/28/80 6415 TD - MORT. Ran 159 jts (6425.28') 4-1/2" 16.5# J-45 8-5/8" ST&C csg w/GS, FC @ 6377', DV tool (set @ 2065'), 12 cntrlzrs, 16 scratchers, set csg @ 6421' KB (no corr). Circ'd w/mud 1/4 hr, full returns. Cmt'd 1st stage w/650 sx Halliburton lite, 10# gilsonite/sx, 3/4% CFR-2, 2% CaCl₂ & 300 sx 50/50 Poz, 2% gel, 3/4% CFR-2. Lost full ret in 1st 1/3 of job (f/312 bbls). Regained full ret by end of job. Displ'd plug w/68 BW & 34 BM. PD 2:42 pm 3/27/80. Opnd DV tool, circ'd w/mud 2 hrs, full ret. Pmp'd 500 gals mud flush, 10 BW. Cmt'd 2nd stage w/300 sx Halliburton lite, 3/4% CFR-2, 2% CaCl₂ & 300 sx 50/50 Poz, 3/4% CFR-2, 2% CaCl₂. Displ'd plug w/33 BW. Sli continuous fld loss thruout stage. PD 5:17 pm 3/27/80. ND. Set slips 7:00 pm, cut off csg.