

(contd.)

GIH w/new cutrite shoe #3, 1 jt WP, BS, jars, 6 - 6½" DC's. Cut over fish 2107-2114'. Rec form & some metal. Shoe quit going. POOH. Ran 7½" OD impression block on 4½" DP. Set down cleanly @ 2114' w/no drag. POOH. RIH w/cutrite shoe #4, BS, jars, 6 - 6½" DC's on 4½" DP to 2106' - could not get over fish at 2106'. Ran to 2114'. Could not rotate-torqued up. Closed pipe rams on BOP & open BH valve. Press DP to 10,000# - could not break circ. Press bled to 4000# in 15 sec and held. POOH. Ran cal & collar log. Had 46 collars 2094' to surface. ND BOP. Ran 8-5/8" csg spear & picked up csg & removed slips. RU Dialog & ran free pt. Showed 80% free surface to 798', 70% free at 1039' & 1050', 60% at 1111', 40% at 1234'. Stuck at 1300', 1500' & 1600'. Called USGS & John Wade gave approval to CO at 1250' & spot cmt plug 2114' to 1050'. Ran Dialog csg, cutter & cut 8-5/8" csg off at 1246'. Pulled 175,000# & csg came free. POOH & LD 26 jts of 8-5/8" plus ½ jt on top & ¾ jt on btm.

NU BOP. RIH w/12¼" RB, 6 - 6½" DC's on 4½" DP. Washed & reamed 1075' to 1246' top of csg stub & then ran bit to 2114'. Circ 1½ hrs & POOH. RIH w/OE, 4½" DP to 2114'. M&P 85 sx Cl H w/2% CaCl<sub>2</sub>. USGS notified but did not witness. WOC 4 hrs. RIH w/OE DP tagged 1800'. Sptd 15 sx Cl C w/2% CaCl<sub>2</sub> followed w/85 sx Cl H w/2% CaCl<sub>2</sub>. POOH. WOC 4 hrs. RIH w/OE DP & tagged at 1210'. M & P 275 sx Cl H 6# salt, 10# sand & .3% CFR-2 & 2% CaCl<sub>2</sub>. PD @ 1400 MDT 8/3/80. POOH. WOC 8 hrs. RIH w/OE DP & tagged plug at 860'.

WOC (total 24 hrs). PU 8" DC's & 12¼ drlg assembly. Washed & rotated through soft cmt stringers 805-889'. Tagged sld cmt at 889'. Dressed off cmt plug to 930'. Displ hole w/9.7#/gal BW. POOH. PU Dynadrill assembly, RIH to kick off point at 930'. Strtd sidetrack operations at 2300 MDT 8/3/80.

Drl'd @ 12¼" Whipstocked hole to a T.D. of 2980' in LM. Ran & set 27 jts (1092.67') 8-5/8" OD 32# K-55 & 41 jts (1828.69') 8-5/8" OD 24# K-55 csg @ 2940' & cmt'd w/200 sx Thickset w/10# Gilsonite, ¼" Flocele & 2% CaCl<sub>2</sub> + 200 sx Class C w/2% CaCl<sub>2</sub> + 1400 sx Class C w/2% CaCl<sub>2</sub> cmt. Plug down @ 1545 MDT on 8/11/80. Released press - float held ok. Circ 60 sx of cmt. Arlin Coke w/USGS witnessed cmt'g job. WOC 24 hrs.

NU BOP. Yellow jacketed blind & pipe rams, choke manifold & upper & lower kelly cock to 3000# - ok. Tstd Hydril to 1500# - ok. RIH w/7-7/8" drlg assembly. Tagged plug at 2890'. Drl'd plug, float, cmt & shoe. Washed out 40' of fill to 2980'. RU Halco. Tstd form & shoe to equivilant MW of 11#/gal (FW w/415# surf press) - ok.