DST #3 (11,800' - 11,850'):

TO w/very very weak blow, increasing to good blow from bottom of bucket in 10 mins - TO initially 10 mins, ISI 30 mins, reopened for 3 hrs (180 mins) w/very weak blow, increasing to fair to good blow from bottom of bucket in 15 mins, had gas to surface in 75 mins. 0# surface pressure on ¼" ck, burning lazy 2-3' gas flare during remainder of test.

Recovery: 10,830' oil (52° API @ 60°F), no water; reversed out 114 BO, no water. Sampler Recovery: 230 psig, 1.34 ft^3 gas + 1680 cc oil (52° API @ 60°F) + no water, GOR 127-1.

IHP 5671
IPFP 210
FPFP 544 in 10 mins
ISIP 4598 in 30 mins
IFP 581
FFP 3579 in 180 mins
FSIP 4653 in 9 hrs
FHP 5708
BHT 192°F

RIH w/5½" production csg as follows from top to bottom (all measurements are from 15.00' KB): 54 jts 5½" 17#/ft N-80 Buttress csg (2079.20') + 211 jts 5½" 17#/ft N-80 8rd LT&C csg (8477.39') + 33 jts 5½" 20#/ft N-80 8rd LT&C csg (1326.03') = csg landed @ 11,882.62', float collar @ 11,800.32'. Bottom hole Ruff-cote 11,554.72' - 11,882.62 (327.90'), Devonian marker jt 11,752.97' - 11,760.69' (7.72'), Strawn marker jt 10,675.54' - 10,683.26' (7.72'), top Ruff-cote 10,477.59' - 10,762.55' (284.96'), DV tool @ 8536.96' (3.17'). All Ruff-cote pipe & DV tool centralized. Cemented csg in two stages as follows: 1st Stage - 375 sx Halliburton-light (mixed w/Class "H") w/6# KCl, 0.6% Halad-22, 0.4% CFR-2, ¼# flocele/sk, SW 12.7 ppg (yield: 2 cf/sk) + 375 sx Class "H" w/3# KCl, 0.8% Halad-22, 0.4% CFR-2, ¼" flocele/sk, SW 15.6 ppg (yield: 1.22 cf/sk), plug down @ 8:45 p.m. 6-13-80 CDT. Opened DV tool & circulated 125 sx excess cmt. Displaced w/fresh water below DV tool & drlg mud above DV tool. 2nd Stage - 850 sx Halliburton-light (mixed w/Class "C") w/6# KCl, 0.6% Halad-22, 0.4% CFR-2, ¼# flocele/sk, SW 12.7 ppg (yield 2 cf/sk) + 100 sx Class "C" neat, SW 14.4 ppg (yield: 1.40 cf/sk), plug down @ 3:30 a.m. 6-14-80 CDT. Displaced w/fresh water.