

odor; 2' sd: gry, FG, tight poro, NS;  $\frac{1}{2}$ ' sd: AA, friable fair poro, lt stain, good fluor, & Odor;  $1\frac{1}{2}$ ' sd: AA, bleeding salt water, friable, no stain, fluor, cut or odor;  $1\frac{1}{2}$ ' sd: AA, friable, lt stain, good fluor, lt cut, good odor;  $\frac{1}{2}$ ' shale: gry to blk, NS; 3' sd: gry FG, friable, NS;  $2\frac{1}{2}$ ' sd: gry, VFG, shaley, tight poro, trace sptd stain & fluor, cut not tested, scd odor;  $7\frac{1}{2}$ ' shale: gry to blk, sdy, vert frac, 1' bleeding oil @ 6007-08', no poro, sptd stain @ 6008', fair fluor @ 6008', cut not tested, fair odor @ 6008'.  
DIP: Fair 2° dip @ 6004'.

DST #2 (5887-6011). Open 2 hours. Fair blow of air, increased to good blow in 5 minutes. Steady decrease throughout remainder of test. Weak blow at end of test. No gas to surface. Recovered 340' uncut drlg. mud (4000 P.P.M.).  
FP 70-190# 15 min SIP 240#

Diamond Core #8 (6011-6059). Cut 48', rec. 48', being  $1\frac{1}{2}$ ' sd: dk gry, fine-shaley, tight poro, scd lt stain & fluor, lt cut & odor;  $2\frac{1}{2}$ ' sd: gry-fine, tight poro, lt stain, good fluor, cut and odor; 2' sd: gry, fine, V tight poro, no stain, fluor, cut or odor;  $\frac{1}{2}$ ' shale: sdy, lam, NS;  $7\frac{1}{2}$ ' sd: gry fine, tight poro, lt stain, good fluor, cut & odor.

NOTE: The above core was stuck in the core barrel and was not recovered until core No. 10 was recovered 3 days later.

1' sd: gry to brn, VF grn, V silty & shaley, V tight, no stain, trace sptd fluor, V lt cut, no odor; 2' sd: lt gry, VF grn, to F grn, silty, tight poro, lt bleeding, excellent blue white fluor, good cut, excellent odor; 2' sd: gry, VF, den, well cem, bleeding salt water, tight poro, NS; 5' sd: gry, fine, sli friable, lt stain, excellent fluor, good cut, excellent odor; 1' shale: dk gry to brn, sdy laminated, no poro, stain, fluor, cut or odor; 22' sd: gry, fine, sli silty, sli friable to tight, scd lt stain, excellent fluor, good cut, excellent odor;  $\frac{1}{2}$ ' sh: brn, V thinly lamin w/sd, NS;  $\frac{1}{2}$ ' sd: gry, fine, tight poro, no stain, good fluor, cut and odor.  
DIP: Fair 3° dip @ 6035'.

DST #3 (6011-6060). Open 1 hour 30 minutes. Fair blow, increased to strong blow in 1 minute. Opened SC at end of 2 minutes, blow of air, decreased to light bubble at end of  $1\frac{1}{2}$  minutes. Closed SC. Blow of air increased to fair blow in 1 minute and remained steady throughout test. Recovered 1035' of free gas in drill pipe plus 545' Hg and sli oc drilling mud.

|               |                |             |
|---------------|----------------|-------------|
| Sample checks | Top Gas 150/30 | CL 4000 PPM |
|               | Middle         | CL 4500 PPM |
|               | Bottom         | CL 6000 PPM |

FP 115-292# 15 min. SIP 1450#

Diamond Core #9 (6060-6097). Cut 37', rec 37', being  $4\frac{1}{2}$ ' sd: gry, FG, fair friable to tight poro, lt stain, excellent fluor, cut & odor;  $\frac{1}{2}$ ' sd: gry, FG, calc, V tight poro, NS; 30' sd: gry, FG, w/a few scd sh lamin, tight poro, lt stain, excellent fluor, cut & odor; 2' sd: gry, FG, w/thin shale lamin, tight poro, lt scd stain, fair scd fluor, fair cut & odor.  
DIP: Flat dip @ 6096'.

Diamond Core #10 (6099-6113 $\frac{1}{2}$ ). Cut  $14\frac{1}{2}$ ', rec  $14\frac{1}{2}$ ', being 2' sd: gry, fine, tight poro, lt stain, excellent fluor, cut & odor;  $7\frac{1}{2}$ ' sd: dk gry, V shaley, lamin w/stain in lamin, V tight poro, lt scd stain, trace orange-min lt scd fluor, poor cut, scd lt odor; 5' shale: dk gry, V hard, CC, no poro, stain, fluor, cut or odor.

DIP: No recognizable dip.

DST #4 (6012-6116). Open 1 hour 30 minutes. Weak blow of air, increased to strong blow after 1 minute. Recovered 210' free gas in drill pipe plus 40' very sli oc & sli gcm, plus 650' gcm w/trace of oil (appears to be high grav.).  
Sample checks - Top 3500 PPM CL, Bottom 4000 PPM CL.  
FP 90-275# 15 min. SIP 1410#

Diamond Core #11 (6116-6146). Cut 30', rec. 30', being 1' sd: gry-VF-very silty & shaley to lamin, V tight poro, no stain, fluor, cut or odor; 1' sd: gry-brn-shaley-V cc/vert frac, tight poro, trace bleeding in vert frac, good fluor in frac, good cut & odor; 1' sh: dk gry to brn, no poro, NS; 1' sd: gry, shaley, very dense, silicious w/conchoidal frac, V tight poro, NS; 2' sd: gry, shaley, silty, VF grn, w/6 inch vert frac 6121 $\frac{1}{2}$ ' to 22', V tight poro, scd bleeding stain, fair to good fluor, good cut & odor; 1' sd: gry, VF, silicious w/conch. frac, V tight poro, NS; 2' sh: dk gry, V silty to shaley w/vert frac, V tight poro, NS; 10' sd: lt gry, VF, silty to sli cc w/10 inch of no show @ 6129-30', tight poro, trace stain, good fluor, lt cut, good odor; 7' sd: gry, VF, V shaley to lamin w/thin sh streaks w/sptd show @