

6139' & excellent show in V frac @ 6142', V tight poro, no stain, fluor, cut or odor; 2' sh: dk gry, den, w/multiple broken frac, NS; 2' sd: gry to brn, VF, very silty, sli lamin w/very thin shale streaks w/vert frac bleeding slightly into frac, V tight poro, V sli bleeding stain, good fluor, cut & odor.
DIP: 0° dip.

Diamond Core #12 (6146-6196). Cut 50', rec 50', being 8' sh: gry sdy, V tight, trace lt stain, scd fluor, cut & lt odor; 1' sd: gry, FG, tight poro, lt stain, excellent fluor, good cut & odor; 12' sd: gry, FG, shaley, some scd bleeding xw, tight poro, trace scd stain, fluor, trace cut, sli odor; 3' sd: gry, FG, tight poro, lt stain, excellent fluor, good cut & odor; 1' sd: AA, tight poro, NS; 1½' sd: AA, tight poro, lt stain, excellent fluor, good cut & odor; 2' sd: AA, tight poro, lt stain, good sptd fluor, lt cut & odor; 5½' sd: AA, tight poro, lt stain, excellent fluor, good cut & odor; 1' sd: AA, tight poro, no stain, dull yellow fluor, no cut, no odor; 2' sd: AA, tight poro, lt stain, excellent fluor, good cut & odor; 4' sd: AA, tight poro, trace lt stain, scd fluor, trace cut, scd lt odor; 9' sh: gry sdy, vert frac, bottom 1' calc, tight, no stain, trace scd sptd fluor, no cut, scd lt stain.
DIP: Fair 2° dip in shale laminations.

Diamond Core #13 (6197-6244). Cut 47', rec 47', being 3' sd & sh: vy thinly laminated, V tight poro, trace stain in lam, lt fluor in lam, cut not tested, lt odor; 3' sh: blk w/1 vert frac closed w/no fill material, no poro, no stain, trace fluor in frac, cut not tested, trace odor in frac; 9' sd: lt gry, fine silty, sli shly, w/6" strk of dk brn Ls @ 6204½-65' & 6" strk lam sh & sd @ 6208-08½', tight poro, lt stain, good fluor, good odor; 6' sd & sh: het mixed w/scd sptd fluor in sd, v tight, trace stain, lt fluor, good odor; 5' sh: blk-sdy, no poro, stain, fluor, cut, trace odor; 6' sh: blk w/strks of Ls @ 6225' w/one closed vert frac w/trace calc fill @ 6227-28', NS; 2' sd: gry to tan, F, V calc & silty shaley, V tight, no stain, lt fluor, fair odor; 2' sh: blk w/slickenside @ 6233', NS; 1' li: lt tan, Fx, sdy, V den, no stain, trace fluor; 2' sd: gry, F, V calc, V tight, no stain, lt fluor, fair odor; 1' li: tan Fx, V dense, NS; 4' sh: blk, V sdy, w/one vert closed frac w/V thin calc fill & show oil in frac, no poro, no stain, good fluor in frac, trace odor; 1' li: dk brn to blk, Fx-Mx, V dense, sli fossil, NS; 2' sh: blk w/one closed vert frac w/trace oil in frac, no poro or stain, lt fluor in frac.
DIP: 0° to none apparent.

Diamond Core #14 (6245-6273). Cut 28', rec 28', being 1' li: dk brn, den, Fx, massive, arg., NS; 7' sh: dk gry to blk, silty, NS; 4' li: dk brn, den, micro xyln to argil, no poro, lt scd stain in frac, lt scd fluor, lt odor; 2' sh: dk gry to blk, sli calc, NS; 1' li: dk brn, den, vcx, w/num fus, NS; 3' li: dk brn, V den, lith w/calcite stks, no poro, lt scd stain in frac, lt scd fluor, lt odor; 1' sh: AA, NS; 3' li: dk brn, den, Fx to massive, arg., NS; 3' sh: AA, NS; 2' li: dk brn, den, VFX, to sub litho, NS; 1' sh: AA, NS.
DIP: Good 15° to 25° dip in shale bedding plane.
Entire core vert fractured & broken except for scd 1 ft. zones.

Diamond Core #15 (6303-6319). Cut 16', rec 16', being 3' sd: gry, tan, VF, shly, cc, w/strks qtz sd, frac w/fair show in frac, V tight, no stain, lt scd fluor, trace cut, fair odor; 7' sh: blk limey w/trace brn sh, NS; 6' li: dk brn, VFX, shly, V dense, w/conchoidal frac w/small cc filled frac (closed), NS.
NOTE: Frac w/fair show in frac w/dip.

Diamond Core #16 (7909-7929). Cut 20', rec 20', being 13' li: dk brn, den, VF xyln, sli fssl w/multiple calcite filled fracs, w/scd trace good vugs, porous in calcite, small strks @ 7909-10', @ 7911 & 7915-16' w/35° possible dip, (lt bleeding of oil from scd fracs w/trace H₂O bleeding), lt poro in frac, scd lt stain, scd excellent fluor, scd excellent cut, fair to good odor; 7' li: brn, dense, VF xyln, to granular, very fossil w/fair to good scd PP poro, fssl poro, & few scd cc filled frac, bottom 2' very broken w/scd gilsonite residue in porosity, fair to good poro, lt stain, lt to fair fluor, good cut, good odor.
NOTE: Possible 35° dip in shale bedding planes from 7909-16'.

DST #5 (7855-7930). Open 3 hours 33 minutes. Good blow throughout test. Gas to surface in 7 minutes. Volume 31.6 MCFPD, no fluid to surface. Drill pipe unloaded heavily after broke off one stand, oil w/last few feet of mud cut, unloaded 100' in derrick. Recovered 92' sli mud cut oil / 365' very HO & gcm

