

- 1'6" light grey-tan finely granu.- pinpoint to good porosity - strong sulphur odor
- 1' light grey - granular calcite crystalline - vuggy porosity -sulphur odor
- 2' light grey - granular pinpoint porosity - vertical frac. sulf. odor
- 7'6" light tan-finely crystalline - dense ls, st sulf. odor/w/hori.frac.
- 2' light tan sub-lithographic ls - vertical frac. strong sulphur odor with black shale partings
- 1' light tan dense sub litho-calc. crystalline along horizontal frac. - shale partings
- 6" grey-black shale
- 1'6" light dark brown litho limestone - horizontal fractures
- 5'6" light dark tan dense litho limestone - strong sulphur odor- calcite crystalline along vertical fractures

DST #4 7650-7746

Tool open 2½ hrs. Weak blow immediately increasing to strong in 4 min. & lasting throughout test. Recovered 4150' fluid - 360' heavy gas cut mud - 3790' heavy gas cut salt water.
 FP 120# to 1610#
 SIP 3430 (30 min.)
 HH 4180#

SCORE # 3 7746-7796, recovered 55' (Numbers represent 1' intervals from top of core)

- 1' light tan-brown litho limestone
- 2' light grey-brown, finely crystalline, calcite incl. sweet gas odor - spotty ~~flour~~ fluor.
- 3' light grey-brown, sub litho limestone, slight sour gas odor, slight vertical fractures
- 4' dark grey finely crystalline carb. partings, sour gas odor w/calcite incl. along fractures
- 5' dark grey finely crystalline carb. partings, sour gas odor
- 6' dark grey, ditto
- 7' light-dark grey, finely crystalline, pinpoint porosity, sour gas odor - horizontal fractures bottom 1"
- 8' light-dark grey, finely crystalline, pinpoint porosity, sour gas odor - horizontal fractures bottom 1"
- 9' light tan grey, finely crystalline, fair to good porosity, bleeding water, slight sour gas odor
- 10' light tan-grey, finely crystalline w/carb. partings
- 11' light tan-grey, finely crystalline, slight trace calcite small vugular porosity
- 12' light tan grey, finely crystalline, slight trace calcite small vugular porosity
- 13' light tan grey, finely xln, slight trace calcite small vug. porosity
- 14' dark brown, dense pinpoint to fair porosity limestone, sl sour gas odor, few vertical fractures - calcite along fractures
- 15' light tan-brown, medium crystalline limestone - sour gas odor
- 16' light tan-brown sub-litho limestone, no odor fossil
- 17' very fine, light tan-brown, dense, limestone & shale partings, horizontal fractures.
- 18' very fine, light tan-brown limestone and shale partings, vertical & horizontal fractures with slight sour gas odor
- 19' very fine, light tan-brown dense limestone & shale partings, vertical & horizontal frac. w/slight sour gas odor, shale partings bottom 1"
- 20' light tan-grey finely crystalline limestone- sour gas odor, top 3" had horizontal fractures.
- 21' light tan-grey finely crystalline limestone, sour gas odor, top 3" ditto
- 22' top 6" light tan-grey finely crystalline limestone - sour gas odor with horizontal frac. Bottom 6" light tan-grey finely xln. limestone - sour gas odor with horizontal frac. calcite incl. & pinpoint porosity fair.