



Drilled up bearings 5475-78 no samples

Diamond Core #3

5478-5496 18' full recovery

5478-80 1/2 gray medium fine angular cemented sandstone, some black carbonaceous splotches.

5480 1/2-5482 light gray sandstone, tightly cemented slightly coarser than above, many fine carbonaceous laminae.

5482-85 1/2 coarse clear tightly cemented to nearly quartzitic sandstone, fine vertical fracture 5482-83, live oil stain.

5485 1/2-92 green hard very fine grained siliceous shale

5492-96 green hard shale as above, scattered brown amorphous finely crystalline limestone inclusions.

DST #6

5474-96 very weak blow top of bucket 40 min. Opened bypass 70 min., no help. Tool open 90 min. Recovered 60' of drilling mud, no shows. IFP 0#. FFP 80# BHSIP 1300# in 20 min. Hydrostatic Head 2780#. Bottom Hole Temp. 128 deg.

Note... Drilled from 5496 to 5601, total depth with rotary tools

TOP

Rotary total depth 5601

Chester #5500

Genevieve 5540

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5445-5454 poorly sorted sand as above, increase in obvious porosity, numerous small tufts of circulating material on outside of core, mud infiltration microscopically through section, no odor, stain or taste.

5454-5457 coarse and medium coarse sandstone as above, much fine disseminated pyrite.

5457-5459 white very hard medium fine angular sandstone with numerous thin black wavy shale partings.

5459-5460 sandstone hard slightly coarser with thin black shale partings.

5460-5462 medium coarse cemented sandstone, light tan mottled stain, vertical fracture 5461-62, bleeding brown live oil.

5462-5464 1/2 white hard fine sandstone, few pebble inclusions and rounded shale inclusions.

5464 1/2-5472 black hard silty shale, few finely pyritic with vertical shale fractures.

5472-74 1/2 hard fine even grained well sorted sandstone, greasy gray stain, numerous black carbonaceous splotches, sharp odor in fresh core chip.

Lost circulation, took approximately 150 barrels of mud to regain circulation.

DST #4

5429 1/2-5474, packer held third attempt. medium steady blow bottom of bucket, slightly weaker toward end of test. Tool open 2 hrs. Recovered 2205 feet fluid, 450' drilling mud, 810' watery mud and 445' muddy water, no shows. IFP 54#. FFP 113#, BHSIP 1280# in 20 min. Hydrostatic Head 2890#. Water tested 30,000 ppm chlorides. 1200 ppm chlorides in drilling mud. Reamed core hole, lost bearings out of rotary bit.

DST# 5

straddle packer, 5428-5436, very weak blow top of bucket one hr, weak intermittent blow top of bucket one hr. Tool open 2 hrs. Recovered 125 feet of fluid, top 35 feet nearly clear water, bailed one qt of live oil out of top of last stand, 90 feet of slightly muddy watery very thin scum of oil on top of tool. IFP 90#, FFP 100#, BHSIP 1140# in 20 min. Hydrostatic Head 2780#. BHTemp. 132 deg.

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