

March 14
Long #9
Core #1 (199-219.3)
199-209.3
Sandstone, fine, brown, micaceous
Shale breaks 199-199.3, $\frac{1}{4}$ " at 201.9,
212.1-212.3 All contacts horizontal
& regular. Shaley Sand with Carb.
laminations & streamers 200-200.1,
201.8-202.1. Micaceous laminations
205.9-206.0, 217.7-218.3.
Micaceous parting 207.8 $\approx$
horizontal. L.S. 213.6-214.1
top contact gradational bottom sharp,
regular & horizontal. L.S. 214.8-
215.0 Top & bottom contacts gradational
Shale pebble 212.0 2" by $\frac{3}{4}$ "
Sand becomes asphaltic
below 218.7

Core oozes oil 199.7-201 +
214.2-214.9 Upper sand may
be washed of oil. First
presence of water 203.9.

Pit shows light cover over $\frac{1}{2}$ of
pit

End Core #1
HCO #140

115
ang #9

Limonite
HCO#140

219.3-235.5 Core #2

219.3-228

Sandstone, brown, grey/black
micaceous. Carbonaceous laminations

219.5-219.9 no oil seepage.

Shale/sand (223.0-223.7), (226-
226.3) (226.9-227.1). Shale

break (224.9-225.2) top & bottom
contacts horizontal & regular.

Micaceous parting $\approx 65^\circ$ from
core axis 224.8. Sand becomes
asphaltic below 220.6 contact
gradational. Interval appears
to be water wet.

228.0-231.8

Shale, grey, poorly indurated

Approx. 6" core loss 228-229 +
229-230.

239.3-235.5

Sandstone, fine, grey-brown

Sand is very calcareous 234.3 -

234.6. Possible horizontal frac

234.5. Sand core free oil

234.8-235.5.

Pit shows light color over the pit.

End Core #2

HCO#140

Lamertipco

HCO#140

#9

Core #3

239-251.5

239-241.8

Sandstone, shaly fine gray brown

Shale break 240-240.05. Sand

laminated with shale. 240.1-

241.8. Slight oil ooze 239-240.

water oil on freshly broken surface

239.3

241.8-251.5

Interlaminated shale, + sandy shale

Shale, gray sandy shale brown. Sandy

Shale occurs in fine horizontal

laminar from (241.9-242.1),

(242.8-243.3), (243.8-244.1),

(244.5-244.7), (245.3-249.0).

Mud intrusion breaking bedding planes

245.9.

249-251.5 Interlaminated

Gray/Black Shale $\approx$ horizontal

End Core #3

HCO#140