

Mary's to  
Long #15

Worm

Laminated

HCO# 169

Core #1 178.5-198.7

178.5-208.7

Sandstone, fine, brown, micaceous

Calcareous thru 192, slightly calcareous

193-198.7 Shale rip up casts

192-192.4 Shale block 192.4-

192.5. Shaley sand 194.3-194.5

Carbonaceous micaceous laminations

197.8 - 198.2 nearly horizontal

Core ooze oil 192.7-194 very slightly

No sign of water on any broken surface  
anywhere, (tight sand)!

Pit show slight rain only  
well very gassy!!!

End Core #1

HCO# 169

May 6<sup>+</sup>  
Long #15

warm

Lamampco

HCO #169

Core #2 267.5-277.8

267.5-277.8

Sandstone, coarsely fine grained, calcareous  
throughout. Coal seam 269.0-269.1.

Carbonaceous rip up clasts occurring in  
vugular seams 269.9-270.2. Carbonaceous

laminæ 273.1 1/2"  $\approx$  80° from core

axis. Shale pebble rimmed by Carb.

material 272.1. Interlaminated

Shale + Carb. material 1/2" at 272.3.

Sand becomes more calcareous 275.9-  
277.8. oil ooze decreases here.

Shale pebbles 277.5 1" by 1/2".

Core oozes oil throughout

No presence of water on any  
broken surfaces.

Pit show rainbow only  
well still very gassy

End Core #2  
HCO #169