

SAMPLE LOG

DRILL HOLE: Long # 26
PROP. OWNER: Long
DRILL CONTRACTOR: Lamampco
DRILL OPERATOR: Jim Miller
DATE STARTED: 5-21-80
CASING LEFT IN HOLE:

LOC:

LOGGED BY: MRG
ELEV: 864.10'
DATE COMPLETED: May 22-1980
TOTAL DEPTH: 302'

30 - 40 - Shale, gray, silty, very calcareous 100%
40 - 50 - Limestone, gray, crystalline 60%
Shale, gray, silty, very calcareous 40%
50 - 60 - Limestone, tan, crystalline, fossiliferous, Favosities Corals present 100%
60 - 70 - Limestone, tan, crystalline 60%
Shale, black 20%
Shale, gray, silty, calcareous 20%
70 - 80 - Shale, black, 70%
Limestone, gray and tan, crystalline 25%
Shale, gray, silty 5%
80 - 90 - Limestone, tan and gray, crystalline, locally fossiliferous 70%
Shale, black, silty 30%
90 - 100 - Siltstone, light gray, poorly indurated, trace of pyrite crystals 90%
Shale, black, silty 10%
100 - 110 - Siltstone, light gray, poorly indurated, locally carbonaceous, slightly calcareous, locally hemititic 100%
110 - 120 - Shale, gray, silty 75%
Sandstone, fine grained, light gray, carbonaceous, calcareous, light brown amorphus mineral 25%
120 - 130 - Shale, gray, silty, trace of pyrite 100%
130 - 150 - Shale, gray silty 100%
150 - 160 - Shale, gray, silty, trace of pyrite 100%
160 - 170 - Shale, gray, becoming clayey 98%
Shale, brown, well indurated 2%
170 - 180 - Shale, black, limey, very calcareous 90%
Shale, gray, clayey 8%
Coal fragments 2%
180 - 190 - Shale, dark gray black, limey, very calcareous 80%
Shale, gray 10%
Limestone, tan and gray, crystalline, fossiliferous 10%
190 - 200 - Shale, dark gray-black, limey 80%
Shale, gray, silty 20%
200 - 210 - Shale, gray-dark gray, sandy 70%
Sandstone, light gray, micaceous, calcareous 30%
210 - 219 - Shale, dark gray, silty 95%
Shale, black, limey 5%
BOTTOMS 219 Sandstone, fine grained, brown, locally micaceous 85%
Shale, gray, silty, locally carbonaceous 10%
Shale, black, silty, calcareous 5%
U. V. good show
CORE # 1 219 - 238.7 about 11" core loss from 221.1-223.

219 - 238.7 Sandstone, fine grained, brown, micaceous. Carbonaceous laminations (219.1-220.7) ranging from horizontal to 80 degree from core axis. Micaceous laminations 226.5-227.1. Shaley sand with micaceous and carbonaceous laminae 229.1-233. Sand is calcareous through out and becomes asphaltic below 226.0'.

Core oozes no free oil. First presence of water 223.5. Pitshow none. No rainbow from washing cuttings at core point.

- 239 - 245 - Sandstone, fine grained, brown, micaceous and carbonaceous 85%
Shale, gray, silty 15%
U. V. Good show
- 245 - 250 - Sandstone, fine grained, brown, micaceous and carbonaceous 50%
Shale, gray, silty 50%
U. V. Good show
- 250 - 255 - Sandstone, fine grained, brown, micaceous and carbonaceous 80%
Shale, gray, silty 20%
- 255 - 260 - Sandstone, fine grained, brown, micaceous, carbonaceous becoming asphaltic 100%
U. V. good show
- 260 - 265 - Shale, gray, silty 60%
Sandstone, fine grained, brown, micaceous and asphaltic 35%
Coal fragments 5%
U. V. good show
- 265 - 270 - Siltstone, gray-tan, carbonaceous 90%
Shale, gray, silty, locally carbonaceous 5%
Shale, brown, well indurated 5%
U. V. good show without fluid no mobil oil with fluid
- 270 - 280 - Shale, gray, silty, locally carbonaceous 95%
Siltstone, gray, locally carbonaceous 5%
- 280 - 290 - Shale, gray, silty 80%
Shale, black, silty, calcareous local iron staining 15%
Shale, brown, well indurated 5%
- 290 - 300 - Shale, black, silty, calcareous, trace of pyrite 80%
Shale, gray, clayey 15%
Shale, brown, well indurated 5%
- 300 - 310 - Shale, gray, clayey 45%
Shale, black, silty 30%
Limestone, tan-gray, crystalline 25%