

# SAMPLE LOG

DRILL HOLE: Devlin # 26  
PROP. OWNER: W. Devlin  
DRILL CONTRACTOR: V W B Drilling  
DRILL OPERATOR: Billman  
DATE STARTED: 12-11-79  
CASING LEFT IN HOLE:

LOC:  
LOGGED BY: MRG  
ELEV:  
DATE COMPLETED: 12-13-79  
TOTAL DEPTH: 300'

- 30 - 40 - Limestone, gray, fossil fragments, silty 90%; shale, black, silty, 10%  
40 - 50 - Limestone, gray, fossil fragments, silty 70%; shale, black, silty 30%  
50 - 60 - Limestone, gray and tan, silty, trace of pyrite 70%; shale, gray, silty 25%; shale, black, silty 5%  
60 - 70 - Shale, gray-dark gray, silty, carbonaceous, slightly calcareous 100%  
70 - 130 - Shale, gray-dark gray, silty, carbonaceous 100%  
130 - 140 - Shale, gray, silty, carbonaceous 50%; shale, black, fossiliferous, very calcareous (limey) 50%  
140 - 150 - Shale, black, fossiliferous, very calcareous, limey, trace of pyrite 70%; shale, gray, clayey 30%  
150 - 160 - Shale, black, limey, silty 50%; limestone, tan, crystalline, fossiliferous 30%; shale, black, silty 10%; shale, gray, silty and clayey 10%  
160 - 170 - Sandstone, gray, fine grain, carbonaceous and micaceous 60%; shale, black, limey, some fossil fragments 30%; shale, gray, clayey and silty 10%  
170 - 180 - Shale, black, silty, slightly calcareous, trace of pyrite 70%; shale, gray, silty, carbonaceous 30%  
180 - Shale, gray, silty, carbonaceous 85%; sandstone, fine grain, brown, carbonaceous and micaceous 15%; U.V. good show

## CORE # 1 - 180 - 200

- 180.0 - 200.0 - Sandstone, fine grain, brown, micaceous, finely laminated with shale and carbonaceous material (180 - 181.2). Carbonaceous laminations (182.8 - 185.4) thickest 1/8". Shale rip clasts 186.9 & (187.1 - 187.2); sand is carbonaceous from 187.6 - 189.1. Shale pebbles 190.9 - 191 small 1/8" by 1/8". Shale lens 192.1 3" by 1/4". Shale rip clast 193.2 - 193.4, and 194 - 194.1. Shale laminations 195.2. Numerous carbonaceous laminae 194.5 - 200 (fine) shaley laminations 197.3 - 197.5. Entire interval oozes free oil some water beads on broken surface at 199.8.

## CORE # 2 - 200.1 - 220.1

- 200.1 - 220.1 - Sandstone, gray-brown, fine grain, micaceous and carbonaceous. Carbonaceous laminations 200.3, 201.0, 201.1, 208, 208.1, 215, 215.2, shale pebbles at 201.1, 202.1, reworked shale laminations 208.9, 209.2. Carbonaceous plant fragment at 209.8. Relic bedding approximately 50° from core axis at 209.8 ranging to 80° at 211. Large shale rip clast at 210.7. Shale rip clast at 211.1. Micaceous parting at 213.7. Core water wet below 201'.
- 220 - 225 - Sandstone, fine grain, brown, micaceous, locally carbonaceous 95%; U.V. Siltstone, light gray, local inclusions of well rounded light brown quartz grains 5%  
225 - 230 - Sandstone, fine grain, brown, micaceous, locally carbonaceous 80%; U.V. Good show; shale, gray, silty, trace of pyrite 10%; limestone, gray, silty 10%  
230 - 235 - Sandstone, fine grain, brown, micaceous and carbonaceous 70%; shale, gray, silty, micaceous 20%; coal 10%; U.V. good show  
235 - 240 - Shale, gray, silty, micaceous and carbonaceous 60%; sandstone, fine grain, micaceous and carbonaceous, brown 40%; U.V. good show

- 240 - 250 - Shale, gray, silty, carbonaceous, calcareous 100%
- 250 - 260 - Shale, gray, silty 60%; shale, black, silty, calcareous 40%
- 260 - 270 - Shale, black, silty, calcareous, trace of pyrite 60%; shale, gray, silty, trace of pyrite 40%
- 270 - 280 - Shale, gray, silty, locally carbonaceous material being replaced by pyrite 95%  
limestone, silty, tan 5%
- 280 - 290 - Siltstone, light gray, locally carbonaceous and micaceous, local concentrations of well rounded light brown quartz grains (1-3 mm)
- 290 - 300 - Siltstone, light gray, local concentrations of well rounded light brown quartz grains 80%; shale, black, silty 20%