

SAMPLE LOG

DRILL HOLE: Devlin # 52
PROP. OWNER: Devlin
DRILL CONTRACTOR: VWB Drilling
DRILL OPERATOR: Bill Billman
DATE STARTED: March 29, 1980
CASING LEFT IN HOLE:

LOC:

LOGGED BY: MRG
ELEV: 838.02'
DATE COMPLETED: April 3, 1980
TOTAL DEPTH: 300'

- 30 - 40 - Limestone, gray and tan, silty & crystalline, fossiliferous 85%
Shale, black, silty 15%
U.V. poor show without fluid good show with
- 40 - 50 - Limestone, tan-grayish silty, fossiliferous 95%
Shale, black 5%
U.V. poor show without fluid fair show with
- 50 - 60 - Limestone, grayish, silty, locally fossiliferous, trace of pyrite 60%
Shale, black, silty 40%
U.V. Poor show without fluid good show with
- 60 - 70 - Siltstone, light gray-tan, locally micaceous, trace of pyrite crystals 95%
Shale, black 5%
- 70 - 80 - Sandstone, fine grained, gray-tan micaceous and carbonaceous 55%
Shale, gray, silty 45%
U.V. poor show
- 80 - 140 - Shale, gray silty 100%
- 140 - 150 - Shale, black, limey, very calcareous 55%
Shale, gray, silty 40%
Shale, brown 5%
- 150 - 160 - Shale black tan limey, fossiliferous 50%
Shale, gray, silty trace of pyrite 35%
Limestone, tan, crystalline 15%
- 160 - 170 - Shale, black, limey, very calcareous 60%
Shale, gray, poorly indurated 30%
Limestone, gray, crystalline, trace of pyrite 10%
- 170 - 180 - Limestone, rusty, silty 35%
Shale, black, silty 35%
Shale, gray 30%
U.V. good show
- 180 - 185 - Shale, gray silty and sandy 100%
U.V. fair show without fluid good with

CORE # 1 185-204.9

- 185 -188.4 Shale, gray carbonate laminae 185.1-186.7
- 188.4 -204.9 Sandstone, fine grained, brown micaceous sand becomes very micaceous below about 199. All breaks below 199 are micaceous partings about Horizontal to core axis. Sand is clean and uniform with no other distinguishing geologic features.

Core oozes oil from 188.4-198.7. First water 201.3. Pit show light cover over half of pit.

- 205 - 210 - Sandstone, fine grained, brown, locally micaceous 95%
Shale, gray, silty 5%
U.V. poor show without fluid good with
- 210 - 215 - Sandstone, fine grained, brown micaceous 95%
Shale, gray 5%
U.V. good show
- 215 - 220 - Sandstone, fine grained, brown, micaceous and carbonaceous 100%
U.V. good show
- 220 - 225 - Sandstone, fine grained, brown, micaceous locally carbonaceous 90%
Shale, gray silty 10%
U.V. good show
- 225 - 230 - Sandstone, fine grained, brown, micaceous and carbonaceous 100%
U.V. poor show without fluid good with
- 230 - 235 - Sandstone, fine grained, brown micaceous becoming asphaltic 100%
U.V. poor show without fluid good with
- 235 - 240 - Sandstone, fine grained, brown, micaceous, becoming asphaltic 100%
U.V. poor show without fluid good with
- 240 - 245 - Sandstone, fine grained, brown, micaceous, asphaltic 75%
Shale, gray, silty 25%
U.V. poor show without fluid good with
- 245 - 250 - Sandstone, fine grained brown, micaceous, slightly asphaltic 100%
U.V. poor show without fluid good with
- 250 - 260 - Sandstone, fine grained, brown, micaceous, locally carbonaceous, slightly asphaltic 80%
Shale, gray silty 20%
U.V. poor show without fluid good with
- 260 - 270 - Shale, gray silty 75%
Shale, dark gray, silty trace of pyrite, slightly calcareous 20%
Shale, brown silty 5%
- 270 - 280 - Shale, black, silty, calcareous 65%
Coal fragments 20%
Siltstone, light gray, poorly indurated 15%
- 280 - 290 - Shale, medium gray silty 80%
Shale, black silty 10%
Shale, black, silty, calcareous 5%
Limestone, tan-buff 5%
- 290 - 300 - Siltstone, gray to greenish, local inclusions of light brown, well-rounded metal oxides, locally hematitic 65%
Shale, dark gray-black silty 20%
Shale, gray silty 15%