

DRILL HOLE: DEVLIN #36
DATE STARTED: February 23, 1980
DATE COMPLETED: February 26, 1980
LOGGED BY: MRG

CASING ELEV. 845.79
TOTAL DEPTH 301'
CONTRACTOR V.W.B.
DRILLER: BILL BILLMAN

- 30 - 40 - Limestone, gray and buff, silty and crystalline fossiliferous
Favosities corals, 85%
Shale, black 15%
- 40 - 50 - Limestone, gray and buff, silty and crystalline, fossiliferous
trace of pyrite 90%
Shale, black, 10% U.V. poor show
- 50 - 60 - Limestone, gray and buff silty and crystalline Favosities coral
with sharp contact between quartz and coal 70%
Shale, black, silty 30%, U.V. Good show
- 60 - 70 - Siltstone, gray, trace of pyrite crystals 70%
Limestone, dark gray-black, trace of pyrite, silty 20%
Shale, black 10% U.V. good show
- 70 - 80 - Shale, gray, silty micaceous 100%
- 80 - 90 - Shale, gray, very silty, micaceous 60%
Siltstone gray, micaceous 40%
- 90 - 100 - Shale, gray, very silty, micaceous 90%
Siltstone, gray, micaceous
- 100 - 110 - Shale, gray, very silty micaceous 75%
Siltstone, gray micaceous 25%
- 110 - 140 - Shale, gray silty micaceous 100%
- 140 - 150 - Shale, gray, silty 75%
Shale, black, silty, very calcareous 25%
- 150 - 160 - Shale, dark gray, silty very calcareous, trace of pyrite 80%
Coal fragments 20%
- 160 - 170 - Limestone light-dark gray, massive crystalline 80%
Shale, black, silty 10%
Shale, gray, silty calcareous 10%
- 170 - 180 - Siltstone to very fine grained sandstone, gray, micaceous and carbonaceous
Calcareous 75%
Shale, black, silty 15%
Shale, gray silty 10%
- 180 - 189 - Siltstone to very fine grained, sandstone, dark gray, micaceous, calcareous 100%

CORE # 1 189 - 206.8

- 189 - 190 - Shale, gray, silty
- 190 - 206.8 Sandstone, fine grained brown, micaceous, shaley sand interlaminated with
micae 191.7 - 198.0. Slight oil ooze here. Mica and carbonaceous material
on broken surfaces at 196.3, 197.0, 197.1, 197.7, 199.3 all approximately
1 to core axis at 199.9 about 75degree from core axis. Rest of interval
appears to be clean, uniform sand.

Interval oozes oil from 190 - 199.9. First presence of water 201.8. Pit
Show light cover.

- 209 - 210 - Sandstone, fine grained, brown, micaceous, slightly carbonaceous and calcareous 100% U.V. good show
- 210 - 215 - Sandstone, fine grained, brown, micaceous, locally carbonaceous 100% U.V. Good show
- 215 - 220 - Sandstone, fine grained, brown, micaceous, locally very carbonaceous 100% U.V. fair show without fluid, good with
- 220 - 225 - Sandstone, fine grained, brown, micaceous, ^{no}U.V. fair show without fluid, good with
- 225 - 230 - Sandstone, fine grained, brown, micaceous, 100% U.V. poor show without fluid, good with
- 230 - 235 - Sandstone, fine grained, brown, micaceous, locally slightly carbonaceous 100% U.V. same as above
- 235 - 240 - Sandstone, fine grained, brown, micaceous locally slightly carbonaceous 100% U.V. poor show without fluid good with
- 240 - 245 - Sandstone, fine grained, brown, micaceous, becoming asphaltic 100% U.V. poor show without fluid good with
- 245 - 250 - Siltstone, gray, micaceous and carbonaceous
- 250 - 260 - Shale, silty, micaceous, gray 100%
- 260 - 270 - Shale, gray, silty 60%
Shale, black, silty, calcareous 35%
Shale, brown, well indurated 5%
- 270 - 280 - Shale, black, silty calcareous 55%
Shale, gray, very silty 35%
Limestone, tan silty 10%
- 280 - 290 - Shale, gray, silty 65%
Shale, black, silty 35%
- 290 - 300 - Siltstone, to very fine grained, sandstone, light gray, local inclusions of light brown sub-rounded metal oxides 1 - 3 mm 99%
Shale, black 19%