

SAMPLE LOG

DRILL HOLE: Devlin #7
PROP. OWNER: W. Devlin
DRILL CONTRACTOR: Carter Land & Cattle
DRILL OPERATOR: Charles Kepley
DATE STARTED: 5/4/79
CASING LEFT IN HOLE: 42' of 7" surface
casing; 308.9' of 4" production casing

LOC: NW, NE, Sec. 3, T31S, R21E,
2475' FEL, 175' FNL,
2800' E. of Devlin 6
LOGGED BY: CR
ELEV: 841' surveyed
DATE COMPLETED: 5/8/79
TOTAL DEPTH: 312'

- 40 - 50 - 70% shale, light gray; 30% limestone, tan; trace shale, black; trace river gravel
- 50 - 60 - Shale, dark gray 90%; limestone, tan 10%
- 60 - 70 - Shale, dark gray 100%; trace limestone
- 70 - 80 - Shale, dark gray 100%
- 80 - 90 - Shale, dark gray 100%
- 90 - 100 - Shale, dark gray 100%; trace pyrite
- 100 - 110 - Shale, dark gray 100%
- 110 - 120 - Shale, light gray 30%; shale, dark gray 70%
- 120 - 130 - Limestone 20%; shale, medium dark gray; shale, black 30%; coal 10%
- 130 - 140 - Limestone 40%; shale, black, calcareous 40%; shale, gray 20%
- 140 - 150 - Limestone 30%; shale, black, calcareous 50%; shale, gray, calcareous 20%
- 150 - 160 - Shale, gray, calcareous 40%; shale, black, calcareous 30%; limestone 10%; sandstone 20%
- 165 - 170 - Coal 50%; sandstone, gray, very fine grained 40%; shale, gray 10%; poor oil show
- 170 - 180 - Sandstone, brown, sub-rounded, medium fine grained; fair oil show
- 180 - 190 - Sandstone, brown, sub-rounded 90%; shale, gray 10%; trace coal, fair oil show
- 190 - 200 - Sandstone, brown, sub-angular 90%; shale, gray 10%; good oil show
- 200 - 210 - Sandstone, brown, sub-rounded 80%; shale, gray 20%; fair oil show
- 210 - 240 - Sandstone, brown, sub-rounded 80%; coal 10%; shale, gray 10%; trace hematite; fair oil show
- 240 - 250 - Shale, black, calcareous 95%; sand 5%; trace coal; fair oil show
- 250 - 260 - Limestone 30%; shale, black, calcareous 40%; sand 20%; shale, gray 10%; poor oil show
- 260 - 270 - Shale, black, calcareous, slightly silty 40%; sandstone, very fine grained, sub-angular 40%; shale, gray 20%
- 270 - 280 - Shale, black, slightly silty 30%; shale, light gray, slightly silty 20%; sandstone, very fine grained, sub-angular 40%; shale, medium gray 10% trace hematite, k-feldspar present
- 280 - 290 - Shale, gray 40%; shale, black 30%; sandstone 30%
- 290 - 300 - Shale, black 80% (k-feldspar prominent in half of the black shale) shale, gray, slightly silty 10%; siltstone, gray 10%
- 300 - 312 - Shale, black 40%; shale, gray 30%; siltstone, gray 30%
- T. D. @ 312'

255 - 260 - Siltstone, gray
260 - 270 - Shale, gray, silty; trace shale, black
270 - 275 - Shale, gray to black
275 - 285 - Shale, gray; trace shale, black
285 - 295 - Sandstone, clean, fine grained; trace shale, black
295 - 305 - Siltstone, gray to black to white
T.D. @ 306' - 6/18/79, 3:30 p.m.