

SPOT LOG

DRILL HOLE: MLZ #4 Devlin
PROP. OWNER: C. R. Devlin
DRILL CONTRACTOR: Carter Land & Cattle, Co.
DRILL OPERATOR: H. Reed
DATE STARTED: 3/21/79
CASING LEFT IN HOLE: 45' of 7" O.D. surface casing, cemented in

LOC: S3, T31S, R21E
NE NW
660' W of Devlin 3
LOGGED BY: KAJ to 164, JWE
ELEV: 838' surveyed
DATE COMPLETED: 3/26/79
TOTAL DEPTH: 250'

0 - 19 - Not Sampled
19 - 21 - Gravel
21 - 32 - Limestone
32 - 39 - Shale
39 - 52 - Limestone
52 - 57 - Black shale
57 - 59 - Limestone, parkgray
59 - 75 - Shale, light gray
75 - 127 - Dark gray shale
127 - 130 - Dark gray shale 80%, brown shale 20%, start gassing
130 - 138 - Dark gray shale
138 - 142 - Black shale
142 - 145 - Limey pyrite and brown shale
145 - 153 - Gray shale
153 - 156 - River gravel?, black shale
156 - 159 - Black shale
159 - 164 - Gray shale
164 - 165 - Black shale
165 - 180 - Shale, light gray 80%, underclay 20%
180 - 192 - Siltstone, light to medium gray, micaceous
192 - 193 - Shale, light gray, silty
193 - 197 1/2 - Siltstone, light to medium gray
197 1/2 - 199 - Coal, black shale
199 - 205 - Underclay, tan shale, light gray shale, a little limestone
205 - 215 - Shale, light to medium gray, silty 90%; limestone, tan 10%
215 - 216 - Shale, black; coal
216 - 218 - Shale, light gray 80%, underclay 20%
218 - 225 - Siltstone, light gray, green 75%; underclay 25%
225 - 230 - Shale, light gray, silty
230 - Sandstone, oil odor
230 - 248 - CORE - all shale