

# SPOT LOG

DRILL HOLE: McGown #8  
 PROP. OWNER: G. McGown  
 DRILL CONTRACTOR: J-J Drilling Contractors  
 DRILL OPERATOR: Jim Jackson  
 DATE STARTED: 6/27/79  
 CASING LEFT IN HOLE: 25' of 7" surface casing, cemented in; 299.81' of production casing

LOC: 765' FWL, 175' FSL,  
 Sec. 3, T31S, R21E  
 305' W. of McGown #6  
 LOGGED BY: TM  
 ELEV: 842' Surveyed  
 DATE COMPLETED: 6/28/79  
 TOTAL DEPTH: 305'

- 22 - 24 - Limestone, light tan; shale, black 5%
- 24 - 29 - Limestone, light tan to light gray
- 29 - 30 - Rig stopped chattering
- 30 - 33 - Shale, light to medium gray
- 33 - 35 - Shale, black
- 35 - 36 - Shale, gray; rig started chattering
- 36 - 37 - Shale, gray; limestone, tan
- 37 - 39 - Limestone, tan to medium gray
- 39 - 40 - Limestone, tan; limestone, white 10%
- 40 - 45 - Limestone, medium gray; some bryozoans present at 40'
- 45 - 46 - Limestone, light to dark gray
- 46 - 47 - Limestone, dark gray; rig stopped chattering at 47'
- 47 - 48 - Shale, black
- 48 - 50 - Shale, black and gray
- 50 - 52 - Shale, black with pyrite; trace of coal at 52'
- 52 - 55 - Limestone; underclay, light gray
- 55 - 56 - Underclay, light blue-gray
- 56 - 60 - Shale, blue-gray, silty
- 61 - 73 - Shale, medium to light gray; underclay 10%
- 73 - 120 - Shale, medium to light gray; siltstone, medium gray
- 120 - 130 - Shale, medium to light gray
- 130 - 137 - Shale, medium to light gray, calcareous; shale, medium to dark gray; light gray mud, calcareous
- 137 - 140 - Shale, medium to dark gray; clay, light gray; trace of coal
- 140 - 146 - Shale, light to medium gray; clay, light gray, calcareous
- 146 - 149 - Clay, light gray; shale, medium gray, calcareous; limestone, tan, trace
- 146 - Rig stopped making noise
- 149 - 153 - Limestone, tan; shale, dark gray
- 149 1/2 - Rig stopped again
- 153 - 156 1/2 - Shale, black
- 156 - 157 1/2 - Clay, light gray; shale, medium to dark gray
- 157 - 158 1/2 - Same as above with trace of coal
- 158 - 159 1/2 - Coal
- 159 - 161 1/2 - Shale, gray; clay, light gray, calcareous
- 161 - 165 1/2 - Underclay, light gray to tan
- 165 1/2 - 166 1/2 - Sandstone; good show of oil  
(Top on Geograph - 164')

BASE OF VERDIGRIS LS.  
 CORE 1 - ~~166~~ <sup>163</sup> - ~~184.6~~ <sup>180.6</sup>

- 166 - 170.6 - Sandstone, medium gray micaceous; millimeter shale laminations; oozing oil
- 170.6 - 173 - Sandstone, light gray; shale laminations

- 173 - 176 - Sandstone, gray, shaley  
 176, 180, 176 - Sandstone, medium grained; heavy oozing oil  
 180 - 184.6 - Sandstone, with shale laminations; oozing oil; micaceous  
 184.6 - 188 - Sandstone, medium grained; show of oil; sandstone, brown  
 188 - 190 - Same as above; shale, gray; less oil  
 190 = 192 - Shale, gray; sandstone, fine grained  
 192 - 194 - Sandstone, fine grained; siltstone, gray  
 194 - 198 - Sandstone, medium grained, brown; some oil odor  
 198 - 200 - Sandstone, medium grained, micaceous; shale, gray  
 200 - 203 - Sandstone, medium grained; some rainbows  
 203 - 205 - Same as above with some gray siltstone  
 205 - 206 - Sandstone, medium grained, dark brown  
 206 - 210 - Sandstone, gray; shale, gray  
 210 - 224 - Sandstone, medium grained  
 224 - 228 - Same as above, but micaceous  
 228 - 230 - Same as above with gray, very fine grained siltstone  
 230 - 232 - Sandstone; siltstone, tan 10%  
 232 - 235 - Same as above with trace of coal  
 235 - 235 - Sandstone, medium grained; trace of oil  
 236 - 237 - Sandstone; shale, light gray  
 237 - 238 - Shale, gray; some sandstone  
 238 - 240 - Siltstone, gray; shale  
 240 - Shale, light gray

Described from samples

- 240 - 250 - Sandstone, medium to dark gray, silty  
 250 - 260 - Siltstone, dark gray  
 260 - 270 - Shale, black; shale, light gray 5-10%  
 270 - 280 - Sandstone, light gray, silty; shale, black, calcareous  
 280 - 290 - Shale, black; shale, gray  
 290 - 300 - Shale, medium gray  
 300 - 305 - Siltstone, light gray; shale, dark gray 10%; limestone, trace  
 T. D. @ 305'