

# SAMPLE LOG

DRILL HOLE: Sartin #19  
PROP. OWNER: F. Sartin  
DRILL CONTRACTOR: Lamampco  
DRILL OPERATOR: Jim Miller  
DATE STARTED: 1-31-80  
CASING LEFT IN HOLE:

LOC:  
LOGGED BY: MRG  
ELEV: 844.20  
DATE COMPLETED: 2-4-80  
TOTAL DEPTH: 300'

- 30 - 40 - Limestone, gray and brown, fossiliferous, massive 100%  
40 - 50 - Shale, dark gray, silty, calcareous 50%; shale, black, silty, trace of pyrite 45%; limestone, brown, fossiliferous 5%  
50 - 60 - Limestone, brown, fossiliferous, massive, favosities corals present 55%; limestone, gray, silty 45%; U.V. poor show  
60 - 70 - Shale, black, trace of pyrite 50%; limestone, gray, silty, massive 30%; shale, gray, silty 20%; U.V. poor show  
70 - 80 - Sandstone, very fine grained, gray and brown, micaceous and carbonaceous 70%; U.V. good show; shale, black, trace of pyrite 30%  
80 - 90 - Sandstone, fine grained, gray and brown, micaceous and carbonaceous 100%; U.V. poor show  
90 - 100 - Shale, gray, silty 60%; sandstone, fine grained, gray, micaceous and carbonaceous 40%  
100 - 150 - Shale, gray, silty 100%  
150 - 160 - Coal, trace of pyrite 50%; shale, dark gray, carbonaceous, trace of pyrite 50%  
160 - 170 - Shale, gray-black, silty, very calcareous, trace of pyrite 40%; shale, light gray, silty 30%; limestone, tan, massive 30%  
170 - 180 - Shale, black, silty 50%; limestone, black, massive 20%; shale, gray, silty, trace of pyrite 20%; coal fragments 10%  
180 - 190 - Shale, gray, silty, micaceous 40%; limestone, gray, massive crystalline 40%; sandstone, fine grained; brown, micaceous, locally carbonaceous 20%; U.V. good show  
190 - Sandstone, fine grained, gray and brown, micaceous and carbonaceous; U.V. good show 65%; shale, gray, silty 35%

CORE # 1 - 191 - 209

191.0 - 201.9 - Sandstone, fine grained, brown and black. Micaceous laminations 193.1 - 193.3  $\approx$  80° from core axis; 195.8 - 195.9  $\approx$  horizontal. Dark asphaltic sand 198.8 - 201.9. Micaceous laminations 199.7 - 200.0.

201.9 - 203.0 - Coal  $\approx$  6" core loss from 202 - 203.

203.0 - 209.0 - Shale, gray  $\approx$  2" core loss 203 - 204 and 204 - 205. 6" core loss between 206 - 207.

Entire sand is water wet. No ooze of oil. Pit show poor - rainbow only at core point.

- 210 - 220 - Shale, medium gray, silty, trace of pyrite 55%; siltstone, light gray, micaceous, trace of pyrite 45%  
220 - 230 - Shale, gray, silty 75%; limestone, tan, crystalline, locally fossiliferous 25%  
230 - 240 - Shale, gray, very silty, locally micaceous 100%  
240 - 250 - Shale, gray, very silty, micaceous, trace of pyrite 95%; shale, black, calcareous 5%  
250 - 260 - Sandstone, fine grained, gray, micaceous and carbonaceous 60%; siltstone, gray, micaceous, locally very carbonaceous 30%; shale, gray, silty, carbonaceous 10%

- 260 - 270 - Sandstone, gray, very fine grained, carbonaceous and micaceous 35%;  
siltstone, gray, locally carbonaceous and micaceous 35%; shale, gray,  
silty 30%
- 270 - 280 - Shale, gray, silty, trace of pyrite 80%; siltstone, gray, carbonaceous  
and micaceous 20%
- 280 - 290 - Shale, gray, silty 50%; shale, black, trace of pyrite 40%; coal fragments 10%
- 290 - 300 - Shale, light gray, trace of pyrite 60%; shale, dark gray, calcareous 30%;  
limestone, tan, massive 5%; shale, black, silty 5%