

Guernsey County
Wheeling Township
Section 19

Black River Petroleum Corp.
#1 Charles Fieldson
Permit No. 844
Sample No. 2241
Elevation (KB) 1073.9 feet

Depth (ft)

3480 - 3510 Shale, dark-gray to black, laminated, slightly pyritic. Shale, light-gray to light-greenish-gray, slightly pyritic; trace

3510 - 3540 Limestone, light- and medium-grayish-brown, recrystallized; fine- to coarse-grained fragments; microgranular in part; fossiliferous in part; siliceous in part. Chert, white to light-gray; 10%. ONONDAGA LIMESTONE at 3500 feet (GR-D)

3540 - 3570 Limestone as above, light grayish brown. Chert, white to light-gray, fossiliferous; 15%

3570 - 3600 Limestone as above, light grayish brown to medium brown, slightly silty in part, slightly dolomitic in part. Chert, white to light-gray, fossiliferous; 10%

3600 - 3630 Limestone as above, very silty in part. Chert as above, 5%

3630 - 3660 Limestone, light- and medium-brown, micrograined to fine-grained, slightly dolomitic, slightly glauconitic; silty in large part. Chert, white to light-gray to light-brown, fossiliferous; 25%

3660 - 3690 Limestone as above. Chert as above, 20%. Sandstone, white, medium- and coarse-grained, subrounded to rounded; 10%. ORISKANY SANDSTONE at 3670 feet (GR-D)

3690 - 3720 Limestone, light- and medium-brownish-gray; micrograined with fine- and medium-grained fragments; recrystallized in small part; siliceous in part; silty and dolomitic in part. Chert, light-gray; 10%. Sandstone as above, trace. HELDERBERG at 3676 feet (GR-D)

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- 3720 - 3780 Limestone as above, predominantly medium and dark brownish gray, very slightly glauconitic. Chert, white to light-gray; 5%
- 3780 - 3810 Shale cavings, 90%. Limestone, medium-brown, fine- and medium-grained, dolomitic; recrystallized in part; 10%. BASS ISLANDS(?) at 3761 feet (GR-D)
- 3810 - 3840 Limestone, white to light-gray to light-brownish-gray, microcrystalline, dolomitic; very slightly siliceous in part
- 3840 - 3870 Limestone, white to light-gray, microcrystalline, slightly to very dolomitic, very slightly siliceous
- 3870 - 3900 Dolomite, light-gray, microcrystalline and very finely crystalline, slightly silty. Dolomite, light-brown, microcrystalline, very slightly anhydritic (white anhydrite). G UNIT at 3874 feet (GR-D)
- 3900 - 3930 Dolomite, light- and medium-brown, microcrystalline and very finely crystalline, anhydritic (predominantly white anhydrite)

By - J. Hermann

12-1972

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