

AUG 24 1954

GUYANDET DIST. CABELL COUNTY, W. VA.
GREGIL SIMMONS No. 1 WELL.

By Dickson Gas Co., c/o R. H. Adkins, Hamlin, W. Va.
 Located 4.00 Mi. S. of 38° 25' Lat. and 0.18 Mi. W. of 82° 25' Longitude.
 Guyandot Quadrangle - W. C.

Permit Cab - 470.

Elevation 760'.

Drilling commenced Feb. 15, 1954; completed Apr. 7, 1954.

Shot Apr. 9, 1954 from 2706' to 3304' with 4466 2/3 lbs. of gelatin.

Gas well; Volume 35,000 Cu. Ft.

Rock Pressure 575 lbs. in 72 hours.

Casing 10", 20'; 8-1/4", 190' 9"; 5", 2222', all left in well.

Section based on samples from 1190 to 2185'; examined by Russell R. Flowers.

The samples from this well were taken about every third screw or every 15 or 20 feet.

The depth intervals noted on this log represent the bottom of that particular screw only.

Bottom

POTTSVILLE SERIES, 80, plus, FEET.

- 1190 Sandstone, very light gray, some light gray with medium to dark gray (shaly) streaks; very fine grained
- 1225 Sandstone, very light gray, very fine grained; some medium to dark gray fireclay with small amount of siderite
- 1250 Fireclay, light olive gray to medium dark gray, some dark gray, contains some carbonaceous streaks, sideritic (dark yellowish brown nodules and spherulites)
- 1270 Fireclay, as above

HAUGH CHUNK, 54 Feet.

- 1280 Shale, dark greenish gray, some very dusky red to grayish brown, small amount of medium olive brown, soft, silty and sandy (very fine grained) in part; a very large amount of fireclay (cavings?)
- 1295 Sandstone, very light gray to light greenish gray, very fine grained, some medium dark gray to dark greenish gray (silty to siltstone); some shale, grayish brown to very dusky red mottled with dark greenish gray
- 1315 Limestone, dark yellowish brown, dolomitic, silty and somewhat sandy
- 1324 Shale, dark gray with greenish cast; soft, highly pyritic, (finely disseminated throughout), somewhat calcareous; small amount of brownish gray limestone (fossiliferous-erinoidal?)

GREENBRIER LIMESTONE, 186 Feet.

- 1340 Limestone, pale yellowish brown to brownish gray, small amount of brownish gray to brownish black, oolitic in part, highly fossiliferous; some greenish gray to dark greenish gray, soft shale
- 1355 Limestone, pale yellowish brown, small amount is dolomitic
- 1375 Limestone, pale to dark yellowish brown, dolomitic in part; small amount of dark greenish gray shale
- 1393 Limestone, very pale orange, slightly dolomitic
- 1415 Dolomite, yellowish gray to very pale orange, very sandy (very fine to fine grained), silty, highly calcareous
- 1440 Dolomite, yellowish gray, highly calcareous, silty

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- 1461 Limestone, pale to dark yellowish brown, slightly dolomitic, sandy (very fine grained)
- 1480 Limestone, pale to dark yellowish brown, very sandy (very fine grained, rounded), somewhat dolomitic
- 1490 Dolomite, pale to dark yellowish brown and brownish gray, highly calcareous, very silty to dolomitic siltstone

POCONO SERIES, 662 FEET.

- 1500 Siltstone (coarse) to sandstone (very fine grained), medium light to medium dark gray with greenish cast; a very small amount of grayish red dolomite
- 1525 Siltstone, medium dark gray, argillaceous
- 1567 Siltstone, medium dark gray to dark gray (shaly)
- 1600 Siltstone (coarse) to sandstone (very fine grained), medium light gray to light olive gray; moderate amount of shale and siltstone, medium dark gray to dark gray
- 1628 ~~Sandstone~~, medium light gray to light olive gray, very fine grained, argillaceous; large amount of dark gray shale
- 1650 Shale, dark gray, silty, very small amount of dusky yellowish brown (highly sideritic); siltstone to sandstone (very fine grained), medium dark gray to light olive gray with dark gray (shaly) streak
- Not described 1650 - 2130?
- 2140 Shale, grayish black, carbonaceous; some medium dark to dark gray shale
Top of BEREA at 2140 (drillers log BEREA Grit 2140-2152)
- 2185 Siltstone, white to light gray, coarse ~~silt~~ with some very fine grained sand, pyritic in part; moderate amount of medium dark gray shale