

7-14-55
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Blue Creek Coal and Land Co. No. 3(S-54) Well.

Malden District^t, Kanawha County, W. Va.

By Spartan Gas Co., 518 Kanawha Valley Bldg., Charleston, W. Va.

Located 3.82 Mi. S. of 38° 25' and 2.02 Mi. W. of 81° 35'

Clendenin Quadrangle * W C

Elevation, 1267.81' L

Permit Kan-1064D

Drilling commenced Oct. 27, 1943; completed Dec. 17, 1943; drilling deeper commenced Sept. 24, 1946; completed Dec. 14, 1946.

Well was not shot.

Gas well; Volume, 81,000 cu. ft. before deepening.

Rock pressure 400 lbs. in 18 hrs. before deepening.

3½" tubing, 5277' (pulled)

Casing cemented; 12 bags cement behind 5½".

Dry in Oriskany. Will be plugged back to 5277' (Shale).

Section based on samples from 5366 to 5391'.

Examined by Russell R. Flowers, Mineralogist.

Top	Bottom	Thickness	<u>Huntersville Chert, 8, plus, Feet.</u>
5366	5369	3	Sandstone (very fine) to siltstone, light brownish gray, dolomitic, somewhat calcareous, glauconitic, cherty
5369	5374	5	Sandstone, medium- to dark-gray, fine to very coarse grained, rounded to well-rounded, (many of the grains are frosted, most of this sand was probably derived from the erosion of the underlying Oriskany sandstone), very shaly to a sandy shale, calcareous, very highly glauconitic (greenish-black)
			<u>Oriskany Sandstone, 17, plus, Feet.</u>
5374	5379	5	Sandstone, very light gray, fine- to medium-grained some coarse grains, rounded to well rounded (mostly clear and glassy quartz, some of the grains are frosted), highly calcareous (cement)

- 5379 5384 5 Sandstone, very light gray, fine- to medium-grained, some coarse grains, rounded (mostly clear and glassy quartz, some of the larger grains are frosted), highly calcareous (cement)
- 5384 5392 7 Sandstone, white to very light gray, fine- to medium-grained, some very fine grains, rounded, highly calcareous, fine-grained and very highly calcareous at the bottom
(Bottom of Oriskany 5392' - from drillers' log)