

AUG 10 1954
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AMHERST LAND COMPANY No. 24(2103).

Located Triadelphia District, Logan County, W. Va.
By United Producing Company, United Carbon Bldg., Charleston, W. Va.
Located 3.7 Mi. S. of 37° 50' Lat. and 1.87Mi. W. of 81° 45' Long.
Logan Quadrangle - SE.
Permit - Log. 369.

Elevation 1211.1' D. F.

Drilling commenced Nov. 10, 1953; completed April 9, 1954.

Shot 4-12-54 from 3201 to 3245 with 220 qts. of nitroglycerine.

Fresh water 100 - 105'; 170 - 177'; 400 - 405'.

Salt water 1175 - 1200'; 1475'; 1500'.

Gas well; 762,000 cu. ft. Rock pressure 740 lbs. in 48 hours.

Casing - 13-3/8", 143'; 10-3/4", 584'; 8-5/8", 2001'; 7" - 2393';

2 3/8", 3245'; all left in.

Coal at 120' - 36"; 322' - 36".

Section based on samples from 3201 to 3244'; examined by Russell R. Flowers.

SUNBURY SHALE, 2, plus, FEET.

Top	Bottom	Thickness	
3201	3203	2	Shale, grayish black, some dark gray, carbonaceous

BEREA SANDSTONE, 41 FEET.

3203	3218	15	Sandstone, light gray, very fine grained, pyritic in the upper part, some medium to dark gray (black interstitial, shaly material) in the lower part
3218	3228	10	Sandstone, very light to light gray, fine grained with some medium to coarse grains in the upper part, very fine to fine grained in the lower part, sub-rounded to rounded, (Gas pay 3218 - 3228')
3228	3244	16	Sandstone, very light gray, very fine grained, some fine grains