

6-12-58
C

Nellie Sayre King No. 1 Well.

Ripley District, Jackson County, W. Va.

By South Penn Oil Co., Parkersburg, W. Va.

Located 2.0 Mi. S. of 38° 50' and 2.58 Mi. W. of 81° 45'.

Ravenswood Quadrangle - SE

Elevation 768.43 L.

Permit - Jac. 615 R.

Section based on samples from 4606' to 4751'.

Examined by Russell R. Flowers.

Top	Bottom	Thickness	
4606	4615	9	Shale, dark-gray to black (highly carbonaceous), some medium to medium dark gray
<u>Huntsville Chert, 105 Feet.</u>			
4615	4634	19	Limestone, brownish-gray to brownish-black, mostly brownish-black in the lower part, very shaly and cherty, dolomitic; some light- to medium-gray chert
4634	4641	7	No sample
4641	4666	25	Limestone, light brownish gray to brownish-gray, some light- to medium-gray, cherty and shaly, very shaly in the upper part, very cherty at the bottom
4666	4678	12	Limestone, very light gray to light brownish gray, very cherty to a calcareous chert, somewhat shaly, very silty at the bottom
4678	4697	19	Limestone (silty) to siltstone (very highly calcareous), light-gray to light brownish gray, some medium-gray, very cherty, some very fine sand, dolomitic
4697	4704	7	Limestone, light-gray to light brownish-gray, very sandy (very fine), cherty; some white to light-gray chert, dolomitic

- 4704 4707 3 Limestone, light- to medium-gray and brownish-gray, very sandy (very fine to medium-grained, rounded), cherty, dolomitic; trace of glauconite
- 4707 4714 7 Limestone to chert (highly calcareous), light- to medium-gray, very sandy (very fine to fine grained, some rounded, medium grains), somewhat dolomitic; trace of glauconite
- 4714 4720 6 Chert, (highly calcareous) to limestone (very sandy, very fine to medium grained, rounded), light brownish gray to medium-gray, some dark-gray to brownish-black (very silty), some light-gray (chert), dolomitic; trace of glauconite

Oriskany Sandstone, 27 Feet.

- 4720 4728 8 Sandstone, very light gray, fine to very fine with some fine to medium (rounded) grains, mostly clear and glassy quartz, somewhat calcareous
- 4728 4742 14 Sandstone, very light to light-gray, fine-grained, some medium (rounded) and some very fine grains, mostly clear and glassy quartz, calcareous (cement)
- 4742 4747 5 Sandstone (highly calcareous) to limestone (very sandy), light to medium-gray, very fine to fine-grained with occasional medium (rounded) grain, some shaly material and more highly calcareous at the bottom

Heidelberg Series, 4, plus, feet.

- 4747 4751 4 Limestone, medium- to dark-gray (very shaly) with some light gray, very sandy spots, cherty, silty, fossiliferous