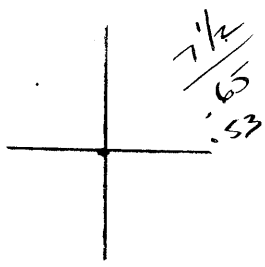


LATITUDE

38° 27' 30"

87° 12' 30"

LONGITUDE



7 1/2 sec
 From 1929 Equitable Res
 Farm Property Maps I-27
 Sch 3-15-91

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 (calc.) _____

Cannot locate on Map II 1917 Clay Co. Rep.

Company Kootz Oil & Gas

Farm Pat King 3

Quad E1Kurst (7 1/2)

County Clay

District Union

WELL LOCATION MAP

File No. 015-70013 By Fair

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Union District, Clay County, W. Va.

Koontz Oil & Gas Co.

Began drilling, Dec. 6, 1913; completed, Jan. 27, 1914.

Elevation.....

10" casing, 61'; 8", 704' (pulled out); 6-5/8", 1588'; 5-3/16", 1877'.

Shot Jan. 31, 1914, with 40 qts.; top of shot, 2018'.

Drillers: Charles Allen and Miner Willey; 45 days; \$2847.60.

	Top.	Bottom.
Coal	215	- 220
Coal	435	- 440
Coal (water, 500')	500	- 505
1st Salt Sand	1025	- 1225
2nd Salt Sand (water, 1265 and/to 1450'; gas and show of oil at 1090')	1230	- 1575
Cave	1575	- 1585
Red rock	1645	- 1770
Maxton Sand	1770	- 1794
Little Lime	1802	- 1842
Slate and Pencil	1842	- 1860
Big Lime	1860	- 1964
Big Injun. Sand (little gas, 1965')	1964	- 2034
Slate (oil and gas, 2021'; pay sand, 2021')	1981	- 1986
Total depth		2034

P. N. KING NO. 3 WELL.

Union District, Clay County, W. Va.

By Chalmers Oil & Gas Co., Baltimore, Md.

Completed, January, 1913.

10" casing, 26'; 8 $\frac{1}{4}$ " , 704'; 6-5/8", 1588'; 5-3/16", 1877'.

June 30, 1927 - 1178' 2" of 3 $\frac{1}{2}$ " casing, clamps, etc. Oil Well wall packer.

December, 1925 - New steel derrick.

Initial production, 12 bbls.

Drilled deeper while cleaning out (T.D. 2042')

Shot with 40 qts., top, 2018'; bottom, 2031'.

Iron derrick.

Iron belt and engine house. Good shape.

20 h. p. Bessemer engine.

215 -	...	Coal
435 -	...	Coal
500 -	...	Coal (water, 500')
1025 -	1225	1st Salt Sand (gas and oil, 1090')?
1230 -	1575	2nd Salt Sand (water, 1265-1450') (gas and oil, 1090')?
1575 -	1585	Cave
1645 -	1770	Red rock
1770 -	1794	Maxton Sand
1802 -	1842	Little Lime
1842 -	1860	Slate and pencil
1860 -	1964	Big Lime
1964 -	2034	Big Injun Sand (little gas, 1965'; oil and gas, 2021-2031')
	2034	Total depth
	2042	Drilled deeper while cleaning out (to)