





Flat of well # 4 of the Clifton Oil and Gas Company of Parkersburg, W. Va. On the Alfred Kendall farm consisting of 129 acres, located on Dents Run, Mannington District, Marion County, West Virginia.



I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

*C. D. Nutter* Engineer.



ALFRED KENDALL NO. 4 WELL.

Mannington District, Marion County, W. Va.

Drilling completed April 4, 1917; Lawrence Hoffman, Contractor.

Drilling down commenced July 17, 1918; completed Aug. 28 (31?), 1918;  
A. & H. Drilling Co., Contractor.

Elevation.....

10" casing, 212' (pulled); 8 1/2", 1613' (1557' pulled); 6 3/8", 2366';  
5 1/2", 3072'; 2" tubing, 3312'.

Sept. 5, 1917. Tubing Record. 3312' (158 1/2 jts.) 2" tubing.

Length of anchor, 27'. Length of perforated joint, 10', with  
27 - 1/2" holes.

1 - 2" x 5 1/2" O. W. S. Special anchor packer, 3' 8" long. Size at  
top, 3 1/2"; top of packer, 3255'; bottom of packer, 3253'.

8/31 - Test, 46/10 Mercury in 2" tubing = 1,750,000 cu. ft. per 24 hrs.  
After blowing open 4 days, tested 28/10 Mercury in 2" = 900,000 cu. ft.

1/3/19 - Connected to Monongahela Valley Traction Co. line.

July 1927 - 9/10 Water 1" opening = 35,460 cu. ft. per 24 hrs. Rock  
pressure, 5 lbs., 1 hr.

Record in Eastern Petroleum Co. Well Record book of Clifton Oil & Gas Co.

	Top.	Bottom.
Pittsburgh Coal	1132	- 1138
Little Dunkard Sand	1540	- 1560
Big Dunkard Sand	1600	- 1670
Gas Sand (water at 1900')	1825	- 1916
First Salt Sand (water, 2070')	1970	- 2010
Big Lime	2370	- 2440
Big Injun Sand	2440	- 2590
Fifty-foot Sand	3072	- 3120
Thirty-foot Sand (oil, 3153' & 3163-65')	3151	- 3172
Campbells Run Sand (gas, 3275-3284')	3255	- ....
Total depth (first drilling)		3169
Total depth (second drilling) (Aug. 31, 1918)		3285

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