T. E. DYE NO. 1 WELL. No. 127 O.F.-Ritchie.

70044
Ellenboro

Clay District, Ritchie County, W. Va.
By American Hydroscope Co.
Located at Pike, 2½ mi. N. W. of Ellenboro.
Pittsburgh Coal horizon about 420'.

	Top.	Bottom.	Thickness.
Unrecorded	0	- 1050	1050
Slate	1050	- 1115	65
First Salt Sand (dry)	1115	- 1143	28
Slate	1143	- 1200	57
Second Salt Sand (dry)	1200	- 1240	40
Slate	1240	- 1400	160
Lime and sand	1400	- 1425	25
Lime, sand, and slate	1425	- 1460	35
Third Salt Sand (first gas, 1465'; first oil, 1502')	1460	- 1508	48
Slate	1508	- 1590	82
Maxton Sand (dry)	1590	- 1620	30
Lime	1620	- 1675	55
Keener Sand (dry)	1675	- 1698	23
Big Injun Sand (dry)	1698	- 1775	77
Squaw Sand (dry)	1775	- 1808	33
Slate	1808	- 2500	692
Gordon Sand (dry)	2500	- 2513	13
Soft white clay	2513	- 2515	2
Slate	2515	- 2775	260
White slate	2775	- 2850	75
Slate	2850	- 3117	267
Speechley Sand (oil, 3125')	3117	- 3125	8
Chocolate slate	3125	- 3360	235
Alternating slate and lime, to bottom	3360	- 4450	1090

From letter from Alfred Vischer, of American Hydroscope Co., 45 Broadway, New York, N. Y., dated July 6, 1911, to I.C.White:

"In the meantime further progress on the well was made impossible by the loss of several tools in the bottom of the well and a subsequent shot in the Keener Sand, but in spite of all the obstructions placed in the hole, the well flows from time to time, a light amber oil, which can only come from the bottom, where it appears that a hard shell was reached just at the time the bit broke and stuck fast.

"Enclosed I beg to hand you a copy of the record of this well, such as was made up by the drillers, but there is reasonable room for doubt, that some of these figures may not be absolutely reliable.

"There seems to be particularly a dispute about the position of the Gordon Sand as given in this record, which, according to the opinion of other drillers should occur about 190 feet below the figures given here.

"In submitting this record to you I would very much appreciate an expression of your own opinion regarding the various data and whether you believe that the bottom of this well has reached anywhere near the Clinton Lime?

"I may add that the shot in the Keener Sand was executed on the advice of some of the drillers although the fact that the Keener Sand changed into the Big Injun and the latter into the Squaw Sand

(OVER)

without any intermediate stratum of slate did not make the experiment very promising, but now that the shot has been discharged and proved a failure, our only recourse is to try a second shot in the Third Salt Sand, where we had quite a good showing of oil from the start.

"We are also making arrangements to begin another deep well, if necessary down to 4800 feet, near this well, and care will be then taken to keep a more reliable record."

July 20, 1910, first spudding.				
22,	100'			
23,	125' (delayed by fishing)			
27,	350'			
30,	720'			
Aug. 1,	820'			
2,	930'			
4,	980' (delayed getting new cable)	1050-1115	Slate	
5,	1100	1115-1143	First Salt (dry)	
8,	1370' (6-5/8" casing, 1321')	1143-1200	Slate	
10,	1465 (first gas)	1200-1240	2nd Salt (dry)	
10,	1494 (first oil, 1502')	1240-1400	Slate	
		1400-1425	Lime & sand	
		1425-1460	Lime, ss. & sl.	
		1460-1508	3rd Salt (oil)	
		1508-1590	Slate	
11,		1590-1620	Maxton (dry)	
12,		1620-1675	Lime	
13,		1675-1698	Keener (dry)	
13,		1698-1775	Big Injun dry	
15,		1775-1808	Squaw (dry)	
16,	1808')			
18,	1975')			
19,	2030')	1808-2500	Slate	
20,	2140')			
22,	2200')			
31,	2500')			
Sept. 1,		2500-2513	Gordon (dry)	
27,	Resumed work after getting new cable	2513-2515	Soft white clay	
Oct. 1,	2700'	2515-2775	Slate	
5,	2850'	2775-2850	White slate	
5,	2990, second gas	2850-3117	Slate	
8,	3117' second oil, 3125'	3117-3125	Speechley (oil)	
11,	3180'	3125-3360	Chocolate slate	
13,	3360'			
15,	3440')			
21,	3700')			
26,	3900') Alternately slate and lime	3360-4450		
Nov. 8,	4080') (delay waiting for fuel)			
9,	4100') (delay waiting for derrick)			
17,	4200')			
21,	4380')			
24,	4450') Lost bit and piece of spud.			

Dec. 16, well began to flow oil; Jan. 20, 1911, oil changed in color to light amber; Jan. 26th, resumed work cleaning out well; Feb. 7, lost bailer in well; 8th, took hold of bailer with bell socket; 11th, cut cable, leaving full string of tools with bell socket and bailer in well below 3000', exact depth unknown; 12th, well began flowing (6) barrels per day; 20th, began pumping at 2520'; March 17th, first delivery to Eureka Pipe Line Co.; Apr. 25th; second delivery to Eureka Pipe Line Co.; June 1st, shot well in Keener Sand 1680-1690'.