

712 WOOD COUNTY, W. VA., WELL RECORDS

Wood-C

Washington Smith Heirs No. 1 Well. 70110

Harris District, Wood County, W. Va.  
 By The Heck Oil Company.  
 Woo-C on map.  
 600'± by topographic contour.  
 Shale gas show.  
 Located 1.12 mi. S. of 39° 10' and 2.75 mi. W. of 81° 40'—WC—Belleville Quadrangle.  
 On flat near mouth of South Fork of Lee Creek.  
 1.2 mi. E. of Lee Creek; 2.1 mi. N. E. of Belleville.

	Top.	Bottom.	Thickness.	Elevation (top)
✓ Big Injun Sand -----	1487	1511	24	- 887
✓ Berea Sand -----	1882½	1898	15½	-1283
✓ Corniferous Lime -----	4032	4092	60+	-3432

Thickness, Devonian Shales, 2134 feet. (461)  
 Remarks: Completed May 13, 1930. Total depth, 4092'  
 First drilled to 3700' and then deepened. 4092'  
 Samples from 4032' to 4089'.  
 On 319 acres.

Wood-79  
770116

712 WOOD COUNTY, W. VA., WELL RECORDS

Washington Smith Heirs No. 1 Well.

Harris District, Wood County, W. Va.  
By The Heck Oil Company.

UNC (G-5)  
samples G-4 (Mile G.)  
4020 - 4089'

Woo-C on map.  
600 ± by topographic contour.

Shale gas show.  
Located 1.12 mi. S. of 39° 10' and 2.75 mi. W. of 81° 40'—WC—Belleville Quadrangle.  
On flat near mouth of South Fork of Lee Creek.  
1.2 mi. E. of Lee Creek; 2.1 mi. N. E. of Belleville.

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Big Injun Sand	1487	1511	24	— 887
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Corniferous Lime	4032	4092	60+	—3432

Thickness, Devonian Shales, 2134 feet.  
Remarks: Completed May 13, 1930.

Total depth, 4092'.

First drilled to 3700' and then deepened.  
Samples from 4032' to 4089'.  
On 319 acres.

W. H. Bickel No. 1 Well.

Lubeck District, Wood County, W. Va.  
By W. H. Bickel.  
Permit No. Woo-10.  
Elevation, 643' L.

Dry hole.  
Located 0.31 mi. S. of 39° 15' and 0.41 mi. W. of 81° 35'—NC—Belleville Quadrangle.  
On south side of Neal Run, on east side of small branch.  
1.8 mi. S. W. of Parkersburg. (Mouth Little Kanawha River); 2.5 mi. N. E. of Lubeck.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime	1474±	1524	50±	— 831±
Big Injun Sand	1524	1667	143	— 881
Berea Sand	1938	1940	2	—1295
Corniferous Lime	4322	4423	201	—3679
Oriskany Sand	4423	4470	47±	—3780

Thickness, Devonian Shales, 2382 feet.  
Remarks: Completed to 4385' in 1933. Deepened July 1938. Shot at 3280-4330' and 1938-1940'.

Total depth, 4470'.

Starts 130' ± above the Washington Coal.  
Fresh water, 60' and 110'. Salt water, 1095', 1340', and 1538'.  
Gas show in Berea. Gas show in Brown Shale (32/10 W. in ¼" opening).  
No oil, gas, or water in Oriskany.  
Samples from 4322' to 4459'.  
On 137 acres.

WASHINGTON SMITH HEIRS NO. 1 WELL.

Wood C

70110

Harris District, Wood County, W. Va.

By The Heck Oil Co., Spencer, W. Va.

On 319 acres.

On flat near mouth of South Fork of Lee Creek.

1.2 mi. E. of Lee Creek and 2.1 mi. N. E. of Belleville.

Located 1.75 mi. E. of 81° 45' and 4.7 mi. N. of 39° 05' - WC - Belleville  
Quadrangle.

Elevation (by topographic contour, 600 to 610'+).

Commenced March 27, 1930; completed May 13, 1930.

Record to RCT from Ed. Heck 6-7-35.

	Top.	Bottom.
Soil	3	20
Sand, yellow, soft	20	75
Slate, white, soft	75	90
Red rock, soft	90	98
Slate, white, soft	98	132
Sand, white, hard	132	153
Slate, dark, soft	153	163
Red rock, soft	163	190
Slate, white, soft	190	210
Red rock, hard	210	245
Slate, white, soft	245	270
Lime, white, hard	270	318
Slate, white, soft	318	379
Sand, white, hard	379	460
Slate, white, soft	460	474
Pink rock, soft	474	483
Slate, white, soft	483	489
Red rock, soft	489	545
Shell, white, hard	545	556
Slate, blue, soft	556	568
Red rock, soft	568	580
Slate, gray, soft	580	600
Red rock, soft	600	630
Shell, gray, hard	630	645
Red rock, soft	645	672
Slate, white, soft	672	712
Lime, white, hard	712	723
Slate, dark, soft	723	725
Little Dunkard Sand	725	748
Slate, black, soft	748	760
Red rock, soft	760	785
Slate, white, soft	785	838
Sand, white, hard	838	865
Slate, white, soft	865	880
Big Dunkard Sand, white, hard	880	944
Slate, white, soft	944	1023
Sand, white, hard	1023	1048
Slate, black, soft	1048	1138
Lime shells, white	1138	1155
Slate, white, soft	1155	1206
Sand, white, hard	1206	1220
Slate, dark, soft	1220	1250
Lime shells, white, hard	1250	1300
Sand, white, soft	1300	1325
Slate, dark, soft	1325	1345

(OVER)

	Top.	Bottom.
Sand, white, hard	1345	1415
Salt Sand, white, soft	1415	1457
Slate, dark, soft	1457	1487
Sand, dark, hard	1487	1511
Slate, dark, soft	1511	1556
Shell, gray, hard	1556	1560
Slate, dark, soft	1560	1573
Shell, dark, hard	1573	1583
Slate, dark	1583	1619
Shell, lime, hard, white	1619	1700
Slate and shells, white, soft and hard	1700	1867
Brown shale, soft	1867	1882 $\frac{1}{2}$
Berea Grit	1882 $\frac{1}{2}$	1898
Blue lime, hard	1898	1930
Shell	1930	1934
Slate, white	1934	1960
Slate and shells	1960	2000
Slate, dark	2000	2033
Shell	2033	2039
Slate, dark	2039	2052
Shell, gray	2052	2060
Slate, dark	2060	2138
Shell, gray	2138	2174
Slate, dark	2174	2188
Cap	2188	2190
Soft	2190	2199
Shell, hard	2199	2203
Soft	2203	2212
Slate, dark, soft	2212	2346
Shell, dark, hard	2346	2354
Slate, dark, soft	2354	2443
Shale and slate, dark	2443	2454
Slate, white, soft	2454	2461
Slate, dark, soft	2461	2474
Slate, white, soft	2474	2678
Hard cap (gas pay, 2681')	2678	2681
Limy formation	2681	2688
Slate, white, soft	2688	2790
Shell, dark, hard	2790	2795
Slate, white, soft	2795	2805
Shell, dark, hard	2805	2815
Slate, white, soft (hard cap and shale, 2898-2908')	2815	2908
Shale, soft	2908	3058
Shell, hard	3058	3090
Shale, soft	3090	3132
Shells, hard	3132	3143
Shale, soft	3143	3201
Slate, soft	3201	3212
Shale and shells	3212	3330
Shale, dark	3330	3370
Shell, hard	3370	3377
Shale, brown	3377	3461
Shell, hard	3461	3473
Shale, dark	3473	3496

	Top.	Bottom.	70110
Slate and shells	3496	- 3700	
Total depth		3700	
DEEPEMED:			
White slate, soft	3700	- 3735	
Shell	3735	- 3740	
White slate, soft	3740	- 3802	
Dark shale	3802	- 3825	
Soft shale	3825	- 3836	
Dark shale	3836	- 3880	
Extra-brown shale	3880	- 4032	
(gas increased from 3924' to 3940')			
Niagara (Corniferous) Lime	4032	- 4092	
Total depth		4092	

Water record:

Water, 70', 7 bailers; 1120', 3 bailers; 1420', hole full.

Summary of gas tests taken in Shale formation:

Test.	Depth, Feet.	Gas, cu. ft.	Open flow test per 24 hrs
1st	2908	458	
2nd	2943	693	
3rd	2996	965	
4th	3048	1225	
5th	3101	1549	
6th	3121	1470	
7th	3121	1096	over Sunday. taken after being shut down /
8th	3169	1096	
9th	3224	1200	
10th	3270	1200	
11th	3320	1200	
12th	3377	1200	
13th	3427	1386	
14th	3473	1386	
15th	3527	1960	
16th	3577	1960	
17th	3631	2107	
18th	3700	2049	
19th	3700	2019	Final before shutting in well.

J. H. C. MARTENS DESCRIPTION OF SAMPLES THROUGH CORNIFEROUS LIME (HUNTERSVILLE CHERT):

Top.	Bottom.	Thickness.	
4032	- 4055	23	Limestone, gray, very cherty (samples much contaminated by shale from above)
4055	- 4064	9	Chert, gray, calcareous, with sandy fragments containing a little glauconite
4064	- 4089	25	Chert, light-gray to almost white, calcareous