

39°15'

81°18'

from
deep well
bk

[0.315 ?
0.41W '

Wood 10

from
topo
map

Wood 10
Belleville NC
Elev. 643'

DEEP WELL

Washington Smith Heirs No. 1 Well.

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.

Remarks: Completed May 13, 1930.

First drilled to 3700' and then deepened.

Samples from 4032' to 4089'.

On 319 acres.

Total depth, 4092'.

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'.

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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Woo-10
- Quad.

Gas well

Company W. H. Bickel
Address R 4, Parkersburg, W. Va.
Farm W. H. Bickel ACRES 137
District Lubeck - Wood County
Well No. 1 ELEV. - 643' L.
Surface & Mineral W. H. Bickel, Parkersburg, W. Va.
Commenced - (permit dated Nov. 3, 1931)
Completed - (log dated Sept. 20, 1933)
Date Shot - - Depth 2280-4330 & 1938-1340
Open Flow -
Volume -
Rock Pressure -
Water Fresh water 60 and 110
Salt Water 1095, 1340, 1538

CASING & TUBING

12-1/2	16
10	192
3-1/4	915
6-5/8	1692

Vol. XVI - 390
0.31 S - 15'
0.41 W - 35'
2 NE. (G-5)

Formation	Top	Base	Result
Boulder	874	824	
27 2nd Cow Run	923	973	
Sand	1140	1175	W 1095
Sand	1290	1390	W 1340
Sand	1524	1667	W 1538
✓ Berea Sand	1938	1940	Gas 1938
✓ Gordon Sand	2260	2266	
Slate & Shells	2266	2950	
Light Shale	2950	3109	
Brown Shale	3100	3225	
White Shale	3225	3280	
Brown Shale	3280	3490	
Common Shale	3490	3885	
White Shale	3625	3800	
Brown Shale	3800	3900	
White Shale	3900	4100	
Brown Shale	4100	4322	
✓ Lime - OND	4322	4423	} Deepened in Jul. 1938 See Vol. XVI, p. 712.
✓ Oriskany	4423	4470	

Slight showings of gas were encountered in the brown shale from the time it was first found until completed, the tests ranging from 17/10 water through a 1/4" opening to 22/10 water through a 1/4" opening.

This well was shot with nitro-glycerine, and it is my opinion that had I used gelatin for a shot I would have had a well of commercial value as more of a show of gas was encountered in the shale than was encountered at Proctorville, Ohio, when I drilled three shale wells in that territory, and by shooting the Proctorville wells with gelatin, I have three nice commercial wells.

(PLAT SERVICE DATA Feb. 1940)

Samples 31-D (4377-4456)

Deep Well