



Magnolia District, Wetzel County, W. Va.

By H.M-C Oil and Gas Co., Morgantown, W. Va. (Earl M. Hennen, Pres.)

On 61 acres, surface and minerals owned by Malissa Snodgrass,
Pine Grove, W. Va.Drilled under permit Wet-8, issued Sept. 13, 1929.

Elevation, 757.40' L.

13" conductor, 16'; 10" casing, 208'; 8 $\frac{1}{4}$ ", 1088'; 6 $\frac{5}{8}$ ", 1740'.

No packer. No liners used.

Coal was encountered at 136-138 and 575-578'.

Partial record to Dept. of Mines Oct. 2, 1929.

Record to RCT from Mrs. Griffith Aug. 30, 1938.

	Top.	Bottom.
Soil, dark	0 -	12
Gravel, dark	12 -	15
Sandrock, bluish	15 -	40
Shale, light	40 -	94
Water, pure	94 -	95
Shale, light	95 -	120
Sand, bluish	120 -	136
Little Washington Coal	136 -	138
Lime, dark	138 -	200
Shale, light	200 -	208
Lime, light	208 -	240
Shale, light	240 -	294
Sand, dark	294 -	312
Shale, light	312 -	350
Lime, whitish	350 -	438
Sand, grayish	438 -	473
Shale, light	473 -	531
Red rock	531 -	540
Shale, light	540 -	560
Sand, grayish	560 -	575
Pittsburgh Coal	575 -	578
Lime, dark	578 -	600
Shale, light	600 -	620

(INCOMPLETE)

No other coal measures were encountered before running the 8 $\frac{1}{4}$ " casing at 1088 feet, since this is below their known existence for the geological location of this well.

Malissa Snodgrass et al No. 1 Well (322-3)(3010)

Magnolia District, Wetzel County, W. Va.; on north side of Doolin Run, 2.8 miles east of New Martinsville; completed in October, 1929; authority, H.M.C. Oil & Gas Co.; elevation, 757.4' L.

	Top. Feet.	Bottom. Feet.
<u>Permian - Dunkard Series (240'±)</u>		
Soil	0	12
Gravel	12	15
Sand, <u>Upper Marietta</u>	15	40
Shale	40	94
Shale	95	130
Coal, <u>Washington</u>	136	138
Lime	138	300
Shale	200	308
Lime (sand?) <u>Waynesburg Sandstone</u>	308	340
<u>Pennsylvanian - Monongahela Series (338')</u>		
Shale, <u>Carroll</u>	340	394
Sand, <u>Uniontown</u> (gas show, 294')	294	312
Shale	312	350
Lime, <u>Benwood</u>	350	438
Sand, <u>Scwickley</u>	438	473
Shale	473	531
Red rock	531	540
Shale, light	540	560
Sand, <u>Upper Pittsburgh</u>	560	575
Coal, <u>Pittsburgh</u>	575	578
<u>Pennsylvanian - Conemaugh Series (532')</u>		
Lime	578	600
Shale	600	620
Sand, <u>Minshall, Connellsville</u> (water)	620	640
Shale	640	660
Lime	660	680
Sand, <u>Murphy, Morgantown</u> (show of gas and water)	680	703
Red rock	703	750
Sand, <u>Grafton</u>	750	770
Red rock	770	805
Shale	805	870
Red rock	870	885
Shale	885	932
Sand, <u>Moundsville, Saltsburg</u>	932	950
Shale	950	965
Red rock	965	975
Shale, black	975	1035
Shale	1035	1058
Red rock	1058	1078
Lime (sand?), <u>Big Dunkard, Mahoning</u>	1078	1110

	Top. Feet.	Bottom. Feet.
<u>Pennsylvanian - Allegheny Series (250')</u>		
Shale	1110	1170
Sand, <u>Burning Springs, Upper Freeport</u>	1170	1190
Shale	1190	1214
<u>Gas Sand, Lower Freeport</u>	1214	1250
Shale	1250	1360
<u>Pennsylvanian - Pottsville Series (133')</u>		
Sand, <u>Second Cow Run, Homewood</u>	1360	1415
Shale	1415	1469
Sand, <u>Salt, Upper Connoquenessing, dark brown (show of water)</u>	1469	1493
<u>Mississippian - Mauch Chunk Series (182')</u>		
Shale	1493	1530
Sand	1530	1595
Shale	1595	1605
Sand, <u>Maxton, Droop</u>	1605	1625
Shale	1625	1635
Line	1635	1645
Shale, break	1645	1655
<u>Little Line, Glenray</u>	1655	1669
<u>Pencil Cave, Lillydale shale</u>	1669	1675
<u>Mississippian - Greenbrier Series (49')</u>		
<u>Big Line</u>	1675	1724
<u>Mississippian - Pocono Series (118')</u>		
Sand, <u>Big Injun (break, dark, gritty sand, 1760-1793')</u>	1724	1920
Slate, black, to bottom	1920	1942

Conductor, 16'; 10" casing, 203'; 8 1/2" csg., 1068';
6 5/8" csg., 1696'.

Well abandoned as dry.