

CARNEGIE NATURAL GAS COMPANY

Map Sheet No. 41 *Littleton No* RECORD OF WELL Well No. 561
 Drilled on L. A. Smidgren #1 Farm of 42 Acres, situate in
Grant Township Helvie County W Va Lease No. 9279-74
 Shipping Point _____ Foreman Jack Toothman
 RIG _____ WELL _____

Located Oct 18-1915 Commenced Drilling Nov 25-1915
 Notified Gen'l Office " 22-1915 *Down* Notified Gen'l Office Jan. 29-1916
 Commenced " 27-1915 Completed Drilling Jan. 4-1916
 Completed Nov 2-1915 *Down* Notified Gen'l Office Apr 5-1916
 Contractor Shroy & Cunningham Contractor J. C. Murphy & H. M. Cradock
 Address Martinsburg W Va Address Zanesville Ohio

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME		
				Jan 5 '16	Jan 6 '16	Jan 6 '16
Conductor		16		1/2 Minute		Lbs.
Mapleton Coal	708	713		1 " 11	20 "	4
Pittsburgh Coal	801	811		2 " 19	35 "	9
Little Dunkard	1155	1185		3 " 27	45 "	11
Big Dunkard	1280	1328		4 " 34	60 "	12
Gas Sand	1400	1500		5 " 41	70 "	13
1st Salt Sand	1545	1625		10 " 67	96 "	20
2nd Salt Sand	1684	1840	<i>Water 9-13. 1735'</i>	15 " 89	105 "	23
Maxton Sand	1958	1970	<i>Show Gas. 1959'</i>	30 " 130	116 "	26
Little Lime				1 Hour 163	125 "	28
Pencil Cave				Rock		150 (12-Hrs)
Big Lime	2009	2104		Size of Tubing		Inch
Big Injun	2104	2261	<i>Packet Gas Pay Jan. 2152-2169</i>	Casing	5 7/8	6 7/8 " 6 7/8
Gantz Sand	2417	2496		Vol by Water	10/10 in	6 7/8
60 Foot Sand	2597	2645		" " Mercury	9/10 in	2"
30 Foot Sand	2725	2748		" " Pressure		
2835	2835	2863				
Gordon Stray	2893	2910				
Gordon Sand	2912	2951	<i>Jan. 18 to 19-2 2938-2940</i>			
4th Sand	2967	2985	<i>Jan. 25 to 19-2 2967-2969</i>			
5th Sand			<i>Blow down to 9/10 M in 2"</i>			
Bayard Sand						
Elizabeth						
Speckley						
Bradford						

3006

Total Depth 2178 Feet at \$ 1.20 per Foot \$ 2613.60

Carnegie Gas Furnished at 12 Cents per Foot 261.36

CASING RECORD OR 1/4/16

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL		PACKER
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
10	235	7	222	6			222	6			13	1	Kind
8 1/4	1400		1298				1298		79		23		Size
6 7/8	2126		1960				1960				166		Set at
4	2260		2178		2178		2178				82		Feet
5 3/8	2023		2896 + 35'				2896 + 35'				92		WELL SHOT
													By
													With
													Oil, at
													Feet

Casing Cemented In Well _____ by _____ Company Employee

PD down 1/4 1/16 4/2/16