

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Dod-88

Gas Well

West Union S.E. Quad.

CASING & TUBING

Company	Columbian Carbon Co.	Conductor	16	16
Address	Box 1240, Charleston, W. Va.	10	234'5"	Pulled
Farm	Lewis Maxwell Acres 2654.88	8-1/4	961'8"	961'8"
Location	Arnolds Creek	6-5/8	1684'	1684'
Well No.	55-A Elev.			
District	West Union County Doddridge			
Surface & Min.	West Union Bank, Spec. Rec. for Lewis Maxwell Estate			
Address	West Union, W. Va.			
Drilling Deeper Commenced	March 30, 1938			
Drilling Deeper Completed	April 1, 1938			
Date Shot	2/15/38 - Depth 2323-2328			
Volume	83,040 c.f. RP 52Lbs. 1 hr.			
Fresh Water	55' Hole full			

Formation	Color	Har	TOP	Base	Result	Formation	Color	Har	TOP	Base	Result
Drilling Commenced			Nov. 1, 1929			Slate	Black	S	1483	1495	
Drilling completed			Dec. 3, 1929			Lime	White	H	1495	1509	
Conductor Bos			0	16		Slate	"	S	1509	1527	
Soil & Red Rock			0	50		Gritty Lime	Gray	H	1527	1552	
Broken Lime	White	H	50	80		Slate	White	S	1552	1562	
Lime Rock	"	H	80	100		Lime	"	H	1562	1585	
Hurry Sand	"	"	100	135		Slate	"	S	1585	1600	
Slate	Dark	S	135	145		Little Lime	"	H	1600	1617	
Lime	White	H	145	175		Pencil Cave	Black	H	1617	1620	
Red Rock	Red	S	175	190		Big Lime	White	H	1620	1680	
Gritty Lime	Dark	H	190	215		Big Injun	Gray	H	1680	1760	
Slate	White	S	215	245		Slate Rock	Dark	S	1760	1780	
Lime	Dark	H	245	365		Lime	Blue	H	1780	1900	
Red Rock	Red	S	365	370		Gantz Sand	Dark	H	1900	2018	
Lime	White	H	370	400		Lime	White	H	2018	2072	
Red Rock	Red	S	400	420		Broken Slate	Black	S	2072	2092	
Lime	Dark	H	420	465		Lime	White	H	2092	2120	
Red Rock	Red	S	465	475		Slate	Black	S	2120	2127	
Lime	Hard	H	475	525		Lime	White	H	2127	2211	
Red Rock	Red	S	525	535		Slate	Black	S	2211	2242	
Broken Lime	Dark	S	535	616		Lime	White	H	2242	2258	
Red Rock	Red	S	616	648		Slate	Black	S	2258	2267	
Broken Lime	Dark	S	648	690		Lime	White	H	2267	2284	
Slate	Dark	S	690	700		Slate	Black	S	2284	2294	
Lime	White	H	700	720		Lime	White	H	2294	2302	
Sand	Gray	S	720	728		Slate	Black	S	2302	2305	
Broken Lime	Dark	S	728	763		Gordon Stray	Gray	H	2305	2313	
Slate	Black	S	763	773		Slate	Black	S	2313	2320	
Lime	White	H	773	805		Gordon Sand	Gray	H	2320	2328	
Black Slate	Black	S	805	810		Slate	Black	S	2328	2330	
Little Dunkard Sand	Dark	S	810	846		Old Total Depth				2330	SLM
Slate	White	S	846	855							
Lime	H	H	855	895		DRILLED DEEPER with cleaning out tools:					
Slate	Black	S	895	912		Slate	Black	S	2330	2355	
Lime	White	H	912	925		NEW TOTAL DEPTH				2355	SLM
Slate	Black	S	925	938							
Big Dunkard Sand	Sand	H	938	1000		Gas 280 small	show				
Slate	Black	S	1000	1011		Gas 1689-93	pay				
Gas Sand	Gray	H	1011	1070		Gas 1750-53	pay				
Slate	Black	S	1070	1080		Gas 2324-28	pay				
Gritty Lime	Dark	H	1080	1106							
Slate&Lime	Dark	S	1106	1143							
Lime	White	H	1143	1170							
Slate	Blk.	S	1170	1195							
Lime	White	H	1195	1262							
Slate&Lime	Dark	S	1262	1280							
1st Salt Sand	White	H	1280	1300							
Slate	Black	S	1300	1325							
Lime	White	H	1325	1374							
Slate	Black	S	1374	1384							
2nd Salt Sand	Wh.	H	1384	1415							
Slate	Black	S	1415	1448							
3rd Salt Sand	Wh.	H	1448	1483							