



Company Kentucky West Virginia Gas Co.  
 Address Ashland, Ky  
 Farm Ben Blankenship  
 Tract 1 Acres 65 Lease No. W-458  
 Well (Farm) No. 1 Serial No. #-48  
 Quadrangle Wayne N. E.  
 County Wayne  
 District Union  
 Engineer C. D. Hunter  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-12-37 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 Charleston

WELL LOCATION MAP  
 File No. WAY-105

+ Denotes location of well on U. S. Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Gas Well

Permit No. Way-105

Wayne N. E. Quad.

Company Kentucky West Virginia Gas  
 Address Ashland, Kentucky  
 Farm Ben Blankenship - Acres 65  
 Location Millers Fork  
 Well No. W-48 - Elev. 730.38'  
 District Union - County Wayne  
 Surface Ben Blankenship  
 Address Route #2, Wayne, W. Va.  
 Mineral Ben Blankenship  
 Address Route #2, Wayne, W. Va.  
 Drilling Commenced - Not given  
 Completed - Not given  
 Shot At 2365 - 2972'  
 Open Flow  
 Volume  
 Producing 1,165 M Shale - 173 M B. Lime  
 Rock Pres. Liners were used as follows:  
 Water Fresh water 730-750' - hole full

CASING RECORD

Size	Feet
10"	21 Steel Con.
8-1/4"	380
6-5/8"	1160
2"	2952 (tubing)

PACKER

Kind	Size	Set at
1 Steel Shoe	6-5/8	1160'
1 Hookwall	6-5/8x2"	1962'
2-inch tubing perforated at 2941 to 2952'		

Formation	Color	Top	Base	Result	Formation	Color	Top	Base	Result
Surface		0	5						
Sand & Gravel		5	20						
Sand		20	55						
Slate		55	95						
Sand		95	200						
Slate		200	320						
Sand		320	370						
Slate		370	385						
Sand		385	400						
Slate		400	525						
Sand		525	550						
Slate & Shells		550	590						
Lime Shell		590	605						
Slate		605	678						
Salt Sand		678	1100						
Blue Slate		1100	1116						
Little Lime		1116	1145						
Pencil Cave		1145	1150						
Big Lime		1150	1290	Gas	1210'				
Keener Sand		1290	1255	"	1255'-1275'				
Red Rock		1320	1335						
Big Injun Sand		1335	1395	"	1360'-1365'				
Black Shell		1395	1405						
Slate & Shells		1405	1450						
Slate		1450	1925						
Br. Shale		1925	1938						
Berea Sand		1938	1944						
Slate		1944	1954						
Sandy Shell		1954	1979						
White Slate		1979	2015						
Brown Shale		2015	2070						
White Slate		2070	2520						
Brown Shale		2520	2540						
White Slate		2540	2565						
Brown Shale		2565	2910	Gas	2765'-2775'				
White Slate		2910	2995						
Brown Shale		2995	3010	"	2805'-2815'				
White Slate		3010	3125						
Brown Shale		3125	3218	"	2900'-2910'				
Ironiferous		3218	3220						
Total Depth			3220	"	2930'-2940'				