



New Location
 Drill Deeper
 Abandonment

Company CUMBERLAND GAS CORPORATION
 Address PO Box 386 Charleston, W. Va.
 Farm Catherine B. Riley
 Tract _____ Acres 343 Lease No. _____
 Well (Farm) No. 1 & 2 Serial No. M.C. 41
 Elevation (Spirit Level) M.C. 41 - 596.3
M.C. 42 - 574.5
 Quadrangle Guyandotte
 County Cabell District M^cComas
 Engineer H. W. Carper Jr.
 Engineer's Registration No. 738
 File No. _____ Drawing No. _____
 Date 25 Feby 1942 Scale 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

FILE NO. ~~CAB-417~~ - WELL # 4
 CAB - 418 - WELL # 42

+ Denotes location of well on United States 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.

6-6 206

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Cab 418
Guyandotte Quad.

Gas Well
CASING & TUBING

Company	Cumberland Gas Corp.			
Address	1200 Union Bldg., Charleston, W.Va.	10	61	61
Farm	Catherine B. Riley Acres --	8 1/2	659	
Location	---	65/8	1773	1773
Well No	MC-42 Elev. 547.5'	53/16	502	502
District	McComas Cabell County			
Surface	Cathrine B. & P.J. Riley, Barboursville, W.Va.			Comb. Wall & Anchor Packer
Mineral	C.B. & P.J. Riley, Barboursville, W.Va.			Size 2"
Commenced	Aug. 6, 1942			Depth 2250'
Completed	Oct. 7, 1942			
Date shot	Oct. 5, 1942			Coal at 219'3"
Open Flow	Depth 2900-3273 with 4100# Gelatin			
Volume	10/10ths W in 1"			
Rock Pressure	Berea 30,000; Shale 57,000 C.F.			
Salt Water	B-400, Sh-310 lbs. 48 hrs. 1080' H.F.			

Surface	0	40	Lime Shell	2240	2290
Sand	40	65	Slate & Shells	2290	2350
Blue Shale	65	75	White Slate	2350	2635
Sand	75	82	Brown Shale	2635	2785
Slate	82	90	White Slate	2785	2960
Sand	90	110	Brown Shale	2960	2990
Red Rock	110	120	White Slate	2990	3025
Slate	120	219	Black Shale	3025	3125
Coal	219	222	White Slate	3125	3138
Slate	222	325	Brown Shale	3138	3277
Sand	325	345	White Slate	3277	3292
White Slate	345	455	TOTAL DEPTH		3292
Sand	455	651			
Slate	651	680			
Sand	680	724			
Slate	724	760			
Sand	760	804			
Slate	804	823			
Sand	823	867			
Slate	867	954			
Lime Shell	954	959			
Sand	959	1008			
Slate	1008	1029			
Sand	1029	1038			
Salt Sand	1039	1344			
Slate	1344	1348			
Little Lime	1348	1365			
Pencil Cave	1365	1368			
Big Lime	1368	1540			
Red Rock	1540	1542			
Slate	1542	1552			
Keener Sand	1552	1620			
Injun Sand	1620	1690			
Slate & Shell	1690	1750			
Black Lime	1750	1765			
Slate & Shell	1765	1825			
Slate	1825	1860			
Slate & Shell	1860	2125			
Lime Shell	2125	2140			
Slate	2140	2180			
Brown Shale	2180	2187			
Berea Grit	2187	2197			
Slate & Shells	2197	2240			

305

1039
547
492

70

1620
547
1073