



4.41-S
~~4-4-5~~
~~3-2-1~~
 3.18-W

New Location X
 Drill Deeper
 Abandonment

Company MULLINS GAS CO
 Address CHARLESTON, W.VA.
 Farm G. W. RANKIN ET AL
 Tract _____ Acres 63 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 763.21
 Quadrangle KENNA
 County JACKSON District RIPLEY
 Engineer J. A. Cunningham
 Engineer's Registration No. 659
 File No. 60-81 Drawing No. _____
 Date APRIL 10, 1942 Scale 1" = 660'

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

WELL LOCATION MAP

FILE NO. JAC-336

+ 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.

6-6-1942

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

Permit No. Jac 336		Gas Well
Kenna Quad		CASING & TUBING
Company	Mullins Gas Company	18" Steel Pipe 23' L.In
Address	Box 28, Charleston, W.Va.	16 182 Pulled
Farm	G.W.Rankin et al Acres 63 (merged with 2 other tracts to comprise 160A)	133/8 614 "
	Stone Lick	10 1/2 1087 "
Location	1 D.F.Elev. 763'2	85/8 2066 Left in
Well No.	Ripley Jackson County	7" OD 4998 "
District	O.B.Rankin & Grace Rankin	2 3/8 5097 "
Surface	Kenna, W.Va.	Casing Shoes 1 each of 8 5/8" O.D. and 7" O.D.
Mineral	O.B. & Grace Rankin et al, Kenna, W.Va.	Perf. top 5098'
Commenced	Aug. 7, 1942	Perf. bottom 5104
Completed	Oct. 14, 1942	* included 6' perf.
Flow	26/10ths M in 7" O/D. 22#	w/ 32 1/2" Holes
Volume	8,114,000 G.F.	
Rock Pressure	1650 lbs. 48 hrs.	
Fresh Water	80' 8 b.p.hr.	Casing cemented:
Salt Water	1660' H.F.	7" O.D. 4998' 10/8-42
		20 sacks of Hi-Early cement used.

Surface	0	23	
Red Rock	23	40	
Slate	40	45	
Red Rock	45	55	
Sand	55	160	
Red Rock	160	185	
Slate	185	205	
Red Rock	205	240	
Slate	240	280	
Red Rock	280	320	
Slate	320	340	
Red Rock	340	385	
Slate	385	470	
Sand	470	565	
Red Rock	565	575	
White Slate	575	582	
Red Rock	582	612	
Sand	612	630	
Red Rock	630	670	
Slate	670	680	
Red Rock	680	735	
Slate	735	760	
Sand	760	780	
Slate	780	820	
Red Rock	820	866	
Pink Rock	866	885	
Sand	885	910	
Slate	910	965	
Sand	965	1060	
Slate	1060	1085	
Lime Shells	1085	1130	
Slate	1130	1260	
Sand	1260	1310	
Slate Shells	1310	1550	
Lime	1550	1590	
Salt Sand	1590	1795	
Big Lime	1795	1940	
Injun Sand	1940	2050	
Lime Shells	2050	2067	
Slate & Shells	2067	2430	
Berea Grit	2430	2455	
Slate Shells	2455	3660	
Brown Shale - 441	3660	3715	Showing of gas at 2440'
Slate Shells	3715	4020	
Brown Shale	4020	4250	
White Slate	4250	4680	
Brown Shale	4680	4910	
Black Shale - MARCELLUS	4910	4983	
Corniferous Lime - 463	4983	5086	
Oriskany Sand	5086		
TOTAL DEPTH		5106	

475