





Company J.R.A. Miller & Company  
 Address 33 S. Emily St., Crafton, Penna.  
 FARM. G.H. & Emma V Agnew (Heirs)  
 Tract        Acres 176.15 Lease#         
 Well (Farm) No 5 Serial No         
 Quadrangle Steubenville.  
 County Brooke.  
 District Buffalo  
 Engineer Gas E. Parker  
 Engineers Registration No 193B (Ohio)  
 File No B-1 Drawing No         
 Date Sept 28-1936. Scale 1"=400 Ft.

STATE OF WEST VIRGINIA.  
 DEPARTMENT OF MINES.  
 OIL AND GAS DIVISION.  
 CHARLESTON  
 WELL LOCATION MAP.  
 FILE NO BRO-10



B-1

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_

Well No. 1

J. R. N. Miller and Company Company of 33 South Emily St. Grafton Pa  
on the Emma V. Agnew & Geo. Agnew heirs Farm

containing 176- acres. Location \_\_\_\_\_

Buffalo District, in Brooke County, West Virginia

The surface of the above tract is owned in fee by Emma V. Agnew and George Agnew heirs  
of Wellburg, Brooke Co. W. Va address, and the mineral rights are owned by  
Wheeling Steel Corp. of Wheeling, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit  
No. Bro-10 issued by the West Virginia Department of Mines, Oil and Gas Division  
October 29th 1936

Elevation of surface at top of well, 1192.25 Spirit Barometric.

The number of feet of the different sized casings used in the well.

\_\_\_\_\_ feet \_\_\_\_\_ size. Wood conductor.  
344 feet 8" size, csg. 1219' feet 6 5/8" sized csg.  
\_\_\_\_\_ feet \_\_\_\_\_ size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.  
\_\_\_\_\_ feet \_\_\_\_\_ size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

\_\_\_\_\_ packer of \_\_\_\_\_ size, set at \_\_\_\_\_  
\_\_\_\_\_ packer of \_\_\_\_\_ size, set at \_\_\_\_\_  
\_\_\_\_\_, in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
\_\_\_\_\_, in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Coal was encountered at 257 feet, thickness 36 inches, and at 775  
feet; thickness 48 inches; and at 958 feet; thickness 84 inches.

Liners were used as follows: (Give details) \_\_\_\_\_

Date. Nov 17-1936  
Approved J. R. N. Miller and Co., Owner.  
By Leasholder J. R. N. Miller.



J. R. Miller and Co. Company  
33 South Emery St. Crofton Pa. Address

COMPLETION DATA SHEET  
NO. 2  
FORMATION RECORD

Well No. 1

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
lime clay	white	Hard	=	16	19	3	19	
clay	dark gray	soft	=	19	49	30	49	
lime shale	" gray "	m soft	- 4 1/2 water	49	160	111	160	
lime shale	gray	soft	-	160	190	30	190	
lime shale	dark	Hard	-	190	214	24	214	
lime shale	dark gray	"	-	214	219	5	219	
lime shale	white	"	-	219	239	20	239	
lime shale	dark	soft	-	239	257	18	257	
lime shale	Black	"	-	257	260	3	260	
lime shale	white	"	-	260	270	10	270	
lime shale	gray	sandy shales	-	270	213	43	313	
lime shale	Red	soft	-	313	318	5	318	
lime shale	gray	Hard	-	318	323	5	323	
lime shale	"	"	-	323	366	43	366	
lime shale	white	soft	-	366	443	77	443	344 - Murphy Sand
lime shale	gray	hard gritty	-	443	494	51	494	
lime shale	Red	"	-	494	525	31	525	
lime shale	Red	"	-	525	537	12	537	
lime shale	white	"	-	537	561	24	561	
lime shale	gray	Hard	-	561	580	19	580	
lime shale	"	"	-	580	600	20	600	
lime shale	Red	"	-	600	609	9	609	
lime shale	gray	medium	-	609	638	29	638	
lime shale	Red	soft	-	638	642	4	642	
lime shale	gray	Hard	-	642	660	18	660	First cow Run
lime shale	"	"	-	660	707	47	707	
lime shale	white	Hard	-	707	724	17	724	
lime shale	"	soft	-	724	732	8	732	
lime shale	Red	"	-	732	741	9	741	
lime shale	white	Hard	-	741	753	12	753	
lime shale	"	medium Hard	-	753	767	14	767	2nd hard sand
lime shale	dark gray	soft	-	767	775	8	775	
lime shale	Black	"	- Gas + water	775	779	4	779	
lime shale	dark gray	med soft	-	779	828	49	828	
lime shale	"	"	-	828	846	18	846	1st Gas Sand
lime shale	"	"	-	846	864	18	864	
lime shale	"	soft	-	864	929	65	929	2nd Gas Sand
lime shale	Black	"	- Gas + water	929	958	29	958	
lime shale	white	m-soft	-	958	965	7	965	
lime shale	dark gray	"	-	965	977	12	977	
lime shale	"	"	-	977	1016	39	1016	
lime shale	"	soft	-	1016	1030	14	1030	
lime shale	"	"	-	1030	1058	28	1058	
lime sand	white	medium soft	- water	1058	1218	160	1218	Salt Sand

Well was not shot at \_\_\_\_\_ feet; well was shot at \_\_\_\_\_ feet.

Fresh water at 49 feet salt water at 1123 - 15 feet water level

Well was \_\_\_\_\_ hole.  
dry

Nov 17 - 1936  
Date

Approved J. R. Miller  
Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

