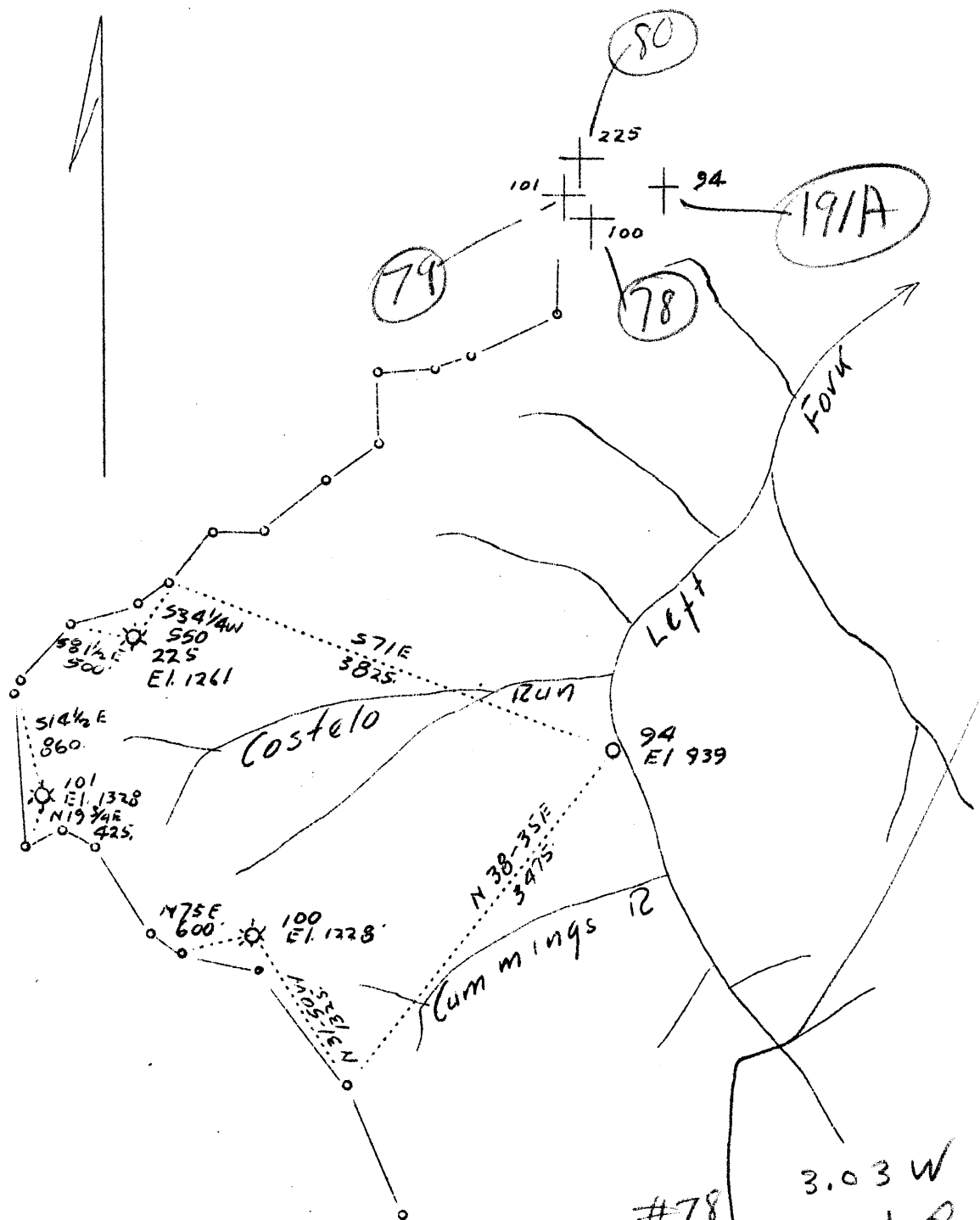


LATITUDE

39° 15'

LONGITUDE 80° 45'



Nos 78 79 80  
 Nos 100, 101 & 225 Drilled Deeper  
 No. 94 Abandonment

#78	3.03 W
(100)	2.01 Q
#79	3.2 W
(101)	1.86 Q
#80	3.1 W
(225)	1.63 Q
#191A	2.59 W
(94)	1.82 Q

SEP 4 1937

Company	Columbian Carbon Co.
Address	P.O. Box 1240, Charleston, W. Va.
Farm	Lewis Maxwell
Tract	Acres 2654.88 Lease No. C-32A
Well (Farm) No.	See Plat Serial No. See Plat
Elevation (Spirit Level)	Noted on Plat
Quadrangle	Holbrook (NE)
County	Doddridge District West Union
Engineer	James N. Sell
Engineer's Registration No.	772
File No.	Drawing No.
Date	Aug. 6, 1937 Scale 1"=1320'

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

WELL LOCATION MAP

File No. DOD-78-79 & 80

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Dod-78

Gas Well

Holbrook Quad.

CASING & TUBING

Company	Columbian Carbon Co.	16"	Cond.	16	16
Address	Box 1240, Charleston, W.Va.	10	762	Pulled	
Farm	Lewis Maxwell Acres 2654.88	8 1/4	1415	Pulled	
Location	Arnold Creek	6 5/8	1912	1912	
Well No.	40A (G.W.-100)	2-3/8	2067'8"	2067'8"	
District	West Union				
Surface	Lewis Maxwell Est.				
Address	West Union Bank, Spec. Recr., West Union, W.Va.				
Mineral	Lewis Maxwell Est.				
Address	West Union Bank, Spec. Recr., West Union, W.Va.				
Drilling	Commenced 9-8-21				
	Completed 10-11-21				

DEEPEMED

Drilling	Commenced	8-28-37
	Completed	9-11-37
Date Shot	Not shot	
Volume	105,792 Cu.Ft.	
Rock Press.	20#- 25 min.	

Formation	Color	H <sub>3</sub>	Top	Base	Result	Formation	Color	H <sub>3</sub>	Top	Base	Result
Soil & Earth			0	16		Blue Monday Sand			1778	1798	
Red Rock			16	40		Slate			1798	1835	
Sand			40	50	Water	Lime			1835	1855	
Red Rock			50	75	45'	Slate			1855	1865	
Lime			75	100		Little Lime			1865	1872	
Red Rock			100	120		Pencil Cave			1872	1894	
Sand			120	130		Big Lime			1894	1952	
Red Rock			130	160		Big Injun Sand			1952	2033	Gas
Slate			160	200		Slate			2033	2056	2015-
Lime			200	250		OLD TOTAL DEPTH				2056	2017
Red Rock			250	280							Gas
Slate			280	300							2028-
Sand			300	330							2030
Red Rock			330	370							
Sand			370	450							
Red Rock			450	490		Lime Shells			2056	2182	
Sand			490	530		Gantz Sand	H		2182	2225	
Red Rock			530	550		Slate			2225	2247	
Lime			550	565		Lime Shells			2247	2320	
Slate	White		565	600		Slate & Shells			2320	2430	
Sand			600	625		Lime Shells & Slate			2430	2478	
Slate			625	635		Slate			2478	2500	
Red Rock			635	665		Lime			2500	2550	
Slate			665	750		Slate			2550	2590	
Lime			750	770		Gordon Stray Sand			2590	2603	
Slate			770	860		Slate			2603	2612	
Red Rock			860	868		Gordon Sand			2612	2620	
Slate			868	880		Slate			2620	2625	
Red Rock			880	910		Lime -Gritty			2625	2628	Gas
Slate	White		910	1010		Slate			2628	2665	2627'
Big Dunk. Sn.			1010	1035		Slate & Shells			2665	2726	
Slate			1035	1085							
Lime			1085	1130		NEW TOTAL DEPTH				2726'2"	
Slate			1130	1155							
Gas Sand			1155	1205							
Slate			1205	1225							
1st Salt Sn.			1225	1275							
Slate			1275	1295							
2nd Salt Sand			1295	1365	Oil Sh.						
Slate	Black		1365	1372	1350'						
3rd Salt Sand			1372	1425	Water						
Lime Slate & Shells			1425	1510	1350'						
Maxon Sand			1510	1620							
Slate			1620	1635	Water						
Lime			1635	1685	1375'						
Slate			1685	1778	3 bailers						

1899  
2726  
2056  
670  
F 58