



2.32 S.
4.06 W.

ABD
7/37

IWC (J-S)

75' 0615	60	sd	15'
38° 30'	1.985		1.985
81° 32' 30"	1.794		4.00w

Company Columbian Carbon Co.
 Address Box 1240 Charleston, W. Va.
 Farm J. C. Jordan
 Tract _____ Acres 175.23 Lease No. C238
 Well (Farm) No. 1 Serial No. _____
 Quadrangle Charleston
 County Kanawha - NE
 District Elk
 Engineer C. A. Branham
 Engineer's Registration No. 683
 File No. _____ Drawing No. _____
 Date 12-21-36 Scale 1"=1320'

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

WELL LOCATION MAP
 File No. Kan 319 D

+ 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.

Samples B-3 (Mile Gr.) 1495-2170' 6-0 Elk-Pocahontas (1921) 4790-5047' Deep Well ✓

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-319

Oil or Gas Well DRY
(Kind)

Company Columbian Carbon Co.
Address Box 1240, Charleston, W. Va.
Farm J. C. Jordan Acres 1

Location (waters) Elk
Well No. 1 (OW-374) Elev. 846.2
District Elk County Kanawha

The surface of tract is owned in fee by See Notice of Proposed Location or

Mineral rights are owned by contact Columbian Carbon Co.

Drilling commenced Jan. 18, 1937

Drilling completed April 19, 1937

Date shot Apr. 22, 1937 Depth of shot 4881-4981

Open Flow 10ths Water in Inch

10ths Merc. in Inch

Volume No Gas Cu. Ft.

Back Pressure lbs. hrs.

Oil bbls. 1st 24 hrs.

Test well 1065' HW; 1150' HW; 1290' HW

Test well 1350' HW

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size 16			Kind of Packe
12 1/4"	45' 4"	45' 4"	
10 3/4"	433' 11"	Pulled	Size of
8 5/8"	1632' 2"	500'	Depth set
6 5/8"	4887' 1"	200'	
5 3/16"			Perf. top
3"			Perf. bottom
2"			Perf. top
			Perf. bottom

CASING CEMENTED..... SIZE..... No. FT.....
COAL WAS ENCOUNTERED AT..... FEET..... I
FEET..... INCHES..... FEET..... I
FEET..... INCHES..... FEET..... I

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Well			0	40			
Red Rock			40	75			
Blue Mud			75	115			
Red Rock			115	130			
Blue Mud			130	140			
Sand			140	210			
Red Rock			210	220			
Sand			220	260			
Blue Mud			260	270			
Sand			270	350			
Slate			350	395			
Sand			395	415			
Slate			415	425			
Sand			425	447			
Slate			447	465			
Sand			465	480			
Slate			480	530			
Slate & lime			530	700			
Sand			700	780			
Slate			780	870			
Sand			870	900			
Slate			900	910			
Salt Sand			910	1325			
Black Slate			1325	1325	Show of gas at 984 and at		
Sand			1325	1390	NFW 1058'		
Slate			1390	1400			
Sand			1400	1410			
Slate & lime			1410	1455			
Maxon Sand			1455	1480	Show of gas at 1460'		
Little lime			1480	1517	show of gas at 1530'		
Big lime			1517	1536			
Big injun			1536	1680	Wallidurton SLM 1536'		
Slate & lime			1680	1735			
Brown Shale			1735	2128	Show gas 1700'		
Berea Sand			2128	2138	1 Bailer Water per Hr. 1710		
Slate & lime			2138	2145			
Brown Shale			2145	2548	Show gas 2570'		
Slate & lime			2548	2700	show gas 2700'		
Brown Shale			2700	2800			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Lime							
White Slate							
Slate & Lime							
Brown Shale							
White Slate							
Brown Shale							
Black Slate							
Corniferous							
Oriskany							
Black Lime							
TOTAL DEPTH							

Kan. 319

3875
4005
4410
4525
4715
4750
4784
4828 1/2
4931
4951
5048
5048

Date July 8, 1932

APPROVED COLUMBIAN CARBON CO.

By *[Signature]*
Supt.