

ABD  
12/37

4.17 W  
3.13 Q

OBIS 7.5' loc  
35° 20' 2.775  
81° 32' 30" 1.822  
15' 2.775  
4.182

Vol XVI, P. 351

Company	Columbian Carbon Co.
Address	Box 1240, Charleston, W. Va.
Farm	Susan Hogue
Tract	Acres 546 Lease No. C-300
Well (Farm) No.	6 Serial No. GW-453
Elevation (Spirit Level)	811.89' L. 805.
Quadrangle	Charleston - SE
County	Kanawha District Loudon
Engineer	James N. Sell
Engineer's Registration No.	772
File No.	Drawing No.
Date	8-4-37 Scale 1"-660'

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

WELL LOCATION MAP  
File No. KAN-443

+ 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.

Dry Hole No samples. 6-0 214 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

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WELL RECORD

PRELIMINARY REPORT

Permit No. Kan-445

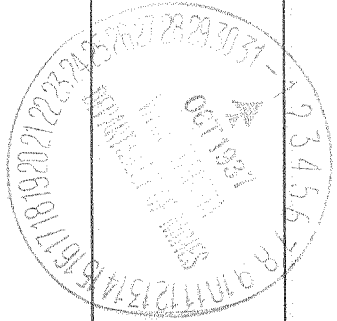
Oil or Gas Well Drilling  
(Kind)

Company Columbian Carbon Company  
 Address Box 1240, Charleston, West Virginia  
 Farm Susan Hogue Acres 545  
 Location (waters) Kanawha River  
 Well No. 6 (07-403) Elev. 805.0  
 District Loudon County Kanawha  
 The surface of tract is owned in fee by Andrew O'B. Hogue  
 Address Mahan, W. Va.  
 Mineral rights are owned by Andrew O'B. Hogue  
 Address Mahan, W. Va.  
 Drilling commenced August 30, 1937  
 Drilling completed Drilling  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
10-14"	41'9"		Size of
10-3/4"	226'7"		Depth set
8 1/4			Perf. top
6 5/8			Perf. bottom
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used			

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Slate			0	32			
Slate & Sand			32	37			
Slate			37	50			
Lime			50	100			
Slate			100	140	Water	140	3 blrs. per hr.
Lime			140	165			
Slate			165	190			
Sand			190	220			
Slate			220	246			
Sand			246	325	Water	630	1 blr. per hr.
Slate			325	350			
Lime			350	355			
Slate & Shells			355	415			
Sand			415	450			
Black Slate			450	475			
Hard Gritty Lime			475	525			
Sand			525	660			
Slate			660	670			
Sand			670	755			
Slate			755	765			
Lime			765	780			
Sand			780	886	Water	845	2 blrs. per hr.
Slate & Lime Shells			886	945			
Sand			945	1069	Water	1050	Hole full
Slate & Shells			1069	1118			
Sand			1118	1160			



TO 4740 - vol x VI  
 Comp 12/11/1937 - vol x V  
 Small show gas 1285  
 Oil show 1355

Big Lime 1225-1384  
 Oriskany 4750-4776  
 4653-4660 - Dry

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WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well DRY HOLE  
(Kind)

Permit No. Kan-443

Company Columbian Carbon Co.  
Address Box 1240, Charleston, W. Va.  
Farm Susan Hogue Acres 5.48  
Location (waters) Kanawha River  
Well No. 6 (GW-403) Elev. 811.89  
District London County Kanawha  
The surface of tract is owned in fee by Andrew O'B. Hogue  
Address Mahan, W. Va.  
Mineral rights are owned by Sema  
Address \_\_\_\_\_  
Drilling commenced Aug. 30, 1937  
Drilling completed Dec. 11, 1937  
Date shot Not Shot Depth of shot \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume DRY HOLE \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil 1355 - Oil Show \_\_\_\_\_ bbls. 1st 24 hrs.  
Fresh water 120' - 3 Blrs. per Hr. 845' - 2 Blrs.  
140' - 5 Blrs. per Hr. per Hr. feet  
Salt water 630' - 10" Blr. per Hr. feet  
1050 - HFW 1355'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
14"	41'9"	41'9"	
10 - 3/4"	226'17"	Pulled	Size of
8 - 5/8"	1233'5"	619'9"	
6 5/8"	4622'11"	283'7"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_  
See Reverse Side  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Slate			0	30			
Slate & Sand			30	36			
Lime			36	120			
Slate			120	140	Fresh Wtr.	120	3 Blrs. per
Sandy Lime			140	165	Water	140	3 Blrs. per
Grey Shale			165	190			
Sand			190	220			
Shale			220	246			
Sand			246	325			
Slate			325	330			
Lime			330	335			
Slate & Shells			335	415			
Sand			415	450			
Black Slate			450	475			
Hard Gritty. Lime			475	525			
Slate			525	535			
Sand			535	660	Water	630	1/2-10" Blr.
Slate			660	670			
1st Salt Sand			670	755			
Slate			755	765			
Lime Shells			765	780			
2nd Salt Sand			780	875	Water	845	2 Blrs. per
Slate			875	886			
Slate & Lime Shells			886	945			
3rd Salt Sand			945	1069	Water	1050	HFW
Slate & Shells			1069	1118			
Maxton Sand			1118	1160			
Little Lime			1160	1187			
Slate & Shells			1187	1225	Gas	1285	Small Sh
Big Lime			1225	1384	Oil	1355	Show
Big Injun			1384	1419	Water	1355	1/2 Blr. per
Lime Shells			1419	1860			
Berea Shell			1860	1872			
Slate & Shells			1872	1900			
Lime Shells			1900	2850			
Slate & Shells			2850	3475			
Shale			3475	3550			
Lime Shells			3550	4375			

(Over)

DEEP WELL

Formation	Top	Bottom	Depth	Remarks
Brown Shale	4375	4510	135	
Crinoidal	4510	4647	137	
Crinoidal	4647	4685	138	
Crinoidal	4685	4720	139	
Crinoidal	4720	4740	140	
Line 3131				
TOTAL DEPTH			140	
<p>10-5-37 - 600' of 8-5/8" casing cemented in. Bridged at 1270' BIM - cemented with 90 sacks Alpha cement mixed with 2% Aquagel. Ran 5 sacks Aquagel ahead of cement. 10' left in pipe, went back O.K. (Guy Jones, Cementer - Halliburton Oil Well Cementing Co.)</p>				
<p>11-28-37 - 120' of 6-5/8" casing cemented in. Ran 25 sacks Alpha cement. Ran 9" spacer on bottom. 75' cement left in pipe. (Dallas Holley, Cementer - Halliburton Oil Well Cementing Co.)</p>				

Date January 5, 1938

APPROVED: COLUMBIAN CASING CO.

*[Signature]*  
 J. H. Patten, Chief