



0.48 W  
5.03 L

Company	Columbian Carbon Co
Address	Box 1240, Charleston, W. Va.
Farm	Mary C. Young Hrs. & T. E. Ransom
Tract	Acres 20 Lease No. 734-734-A
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	792.0
Quadrangle	Kenna S. E. <i>(OC)</i>
County	Kanawha District Poca
Engineer	James N. Sell
Engineer's Registration No.	772
File No.	Drawing No.
Date	5-14-37 Scale 1" = 400'

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

WELL LOCATION MAP

File No. KAN-384-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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

W E L L R E C O R D

Permit - Kan-384

Gas Well

Kenna S. E. Quad.

Company	Columbian Carbon Co.	<u>GASING</u>	
Address	Box 1240, Charleston, W.Va.	<u>Size</u>	<u>Used</u> <u>Left in Well</u>
Farm	Mary C. Young Hrs.	14"	41'2"    41'2"
Acres	20	10-3/4	679'1"    Pulled
Location	Rt. Fk. of Grapevine Ck.	8-5/8	1712'    1712'
Well No.	1 (GW-388)    Elev 792.0	6-5/8"	4799'6"    4799'6"
District	Poca - County Kanawha		
Surface	Same as oil & gas owners		
Mineral	John H. Young, et al & T. E. Ransom, et ux (Oil & Gas) Alex M. Bruen Hrs. (coal)	Coal encountered at: 525'    36"	
Drilling	Commenced May 31, 1937 Completed Sept. 5, 1937		
Date shot	9/6/37 - Depth 4878-4910		
Volume	20,820,000		
R. Pres.	1745 lbs.    4 1/2 hrs.		
S. Water	1090' - 1 blr. per hr. 1145' HFW		

Formation	Color	Top	Base	Result	Formation	Color	Top	Base	Result
Surface		0	15		Brown Shale		4338	4664	
Sand		15	45		Wh. Slate & Sh.		4664	4690	
Red Rock		45	110		Brown Shale		4690	4768	
Sand		110	130		Corniferous		4768	4875	
Blue Slate		130	145		Oriskany		4875	4922	
Sand		145	160		Black Lime		4922	4931	
Slate		160	175		TOTAL DEPTH			4931	
Red Rock		175	195						
Blue Slate		195	200		Gas Pay 4880-4895				
White Slate		200	265		4904-4905				
Sand		265	290						
Slate		290	345						
Sand		345	415						
Slate		415	430						
Sand		430	500						
Slate		500	525						
Coal		525	528						
Slate		528	540						
Sand		540	615						
Slate		615	640						
Sand		640	730						
Slate & Shells		730	825						
Sand		825	855						
Slate		855	900						
Sand		900	925						
Slate		925	960						
Sand		960	975						
Slate		975	1012						
Salt Sand		1012	1410						
Black Lime		1410	1454						
Slate		1454	1459						
Little Lime		1459	1502						
Pencil Cave		1502	1506						
Big Lime		1506	1645						
Injun Sand		1645	1690						
Slate		1690	1693						
Lime		1693	1726						
Slate & Shells		1726	2105						
Berea Sand		2105	2115						
Slate & Shells		2115	2382						
Lime Shell		2382	2393						
Slate & Shells		2393	3348						
Brown Shale		3348	3400						
Wh. Slate & Sh.		3400	3760						
Brown Shale		3760	3910						
Wh. Slate		3910	4338						

*Cementing*  
**CASING RECORD:** 7/9/37 - 1712' in 8-5/8" casing. 8 sacks aquagel and 80 sacks Incor cement mixed with 2% Aquagel. Plug stopped 12' off bottom Ran 9' spacer. Pipe lacked 1' of going back to bottom. 15' cement in hole when drilled out. Cement job water tight.  
 8/17/37 - Cemented 6-5/8" casing. Used 25 sacks cement. Top cement plug 4709'. 67' cement in pipe when drilled out.  
 (Halliburton Oil Well Cementing Co.)

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

W E L L R E C O R D

Permit No. Kan-384

Gas Well

Kenna Quad.

CASING & TUBING

Company	Columbian Carbon Co.,	2-3/8	4962-10	4962-10
Address	Box 1240, Charleston, W. Va.	Liners	61-10	61-10
Farm	Mary C. Young Hrs. ACRES 20			
Location	Right Fork of Grapevine Creek	No packer		
Well No.	1 (GW-388) ELEV. 792.0			
District	Poca - Kanawha County			
Surface	Oil & Gas owners			
Mineral	John J. Young, et al & T. E. Banson, etux (Oil & Gas), Alex M. Bruen Hrs. (coal)			
Commenced	Apr. 29, 1939 (deeper)			
Completed	May 6, 1939 "			
Shot	Not shot			
Volume	Deepened Open flow 4,500,000 c.f.			
Rock Pressure	520 lbs. 10 minutes			
Water	-			

*Formation Color* <sup>Mar</sup>/<sub>5</sub> *TOP BASE RESULT*      *Formation Color* <sup>Mar</sup>/<sub>5</sub> *TOP BASE RESULT*

DRILLED DEEPER WITH SPUDDING MACHINE										
Old Total Depth	-	Black Lime		4931						
Oriskany		4931	4943	SLM	No deepened Pay					
NEW TOTAL DEPTH			4943	SLM						