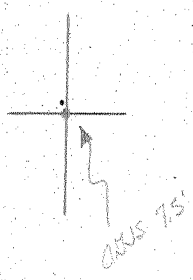


(15) 38° 35'
LATITUDE (75) 38° 32' 30"

(75) 81° 30'

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>2.168</u>	15' loc	<u>5.04</u>
	<u>1.34w</u>	(calc.)	<u>1.34w</u>

Company Columbian Carbon
Farm Ida Hughart 1 (6W-370)
Quad Romance 7.5/Kenna 15' SE
County Kanawha
District ELK

WELL LOCATION MAP

File No. 039-302
Kanawha

DEEP WELL 6-6 Elk-Poca (Sissonville) (192)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

XVI

Permit No. Kan-302

Gas Well

Kenna Quad. SE

Company - Columbian Carbon Company
 Address - Box 1240, Charleston, W. Va.
 Farm - Ida Hughart. Acres- 381
 Location - Aarons Fork
 Well No. - 1 (GW-370) Elev. 322.6
 District - Elk. County- Kanawha
 Surface & Mineral/ (O. & G. only) - Ida Hughart, 1230 Biglow Ave., Charleston, W. Va.

CASING & TUBING

42# 14"OD 62'4"
 32# 10 3/4"OD 517'5"
 24# 8-5/8"OD 1567'1"
 24# 6-5/8"OD 4929'5"

Drilling - Commenced- 10-14-36
 Completed- 3-30-37

Date Shot - 3-31-37. Depth- 5006-52'

Coal was encountered at 402'60"

Open Flow - 15,516,200 Cu. Ft.

Rock Press. - 1650 lbs.

Oil -

Fresh Water -

Salt Water - 1080 & 1125'

5.12 380
 1.35 W 35'
 810

Formation	Color	Top	Bottom	Result	Formation	Color	Top	Bottom	Result
Surface		0	25						
Sand		25	35						
Red Rock & Slate		35	120						
Sand		120	130						
Slate		130	365						
Sand		365	375						
Slate		375	402						
Coal		402	407						
Slate		407	429						
Sand		429	489						
Slate		489	495						
Sand		495	512						
Slate & Shells		512	620						
Sand		620	715						
Slate & Shells		715	735						
Sand		735	840						
Slate		840	950						
Sand		950	970						
Slate		970	995						
Sand		995	1005						
Slate		1005	1015						
Salt Sand		1015	1403	Water 1030' 2 blrs per hr					
Lime		1403	1420	HFV 1125'					
Sand		1420	1470	Gas 1125-35' show					
Brake		1470	1484						
Little Lime		1484	1519						
Slate		1519	1528						
Pencil		1528	1531						
Big Lime		1531	1709						
Slate & Shells		1709	3315	Gas 1975' 30/10 W. 1" SBM					
Brown Shale		3315	4025						
Slate		4025	4150						
Brown Shale		4150	4165						
Slate		4165	4550						
Brown Shale		4550	4774	Pays 1st - 5010-14'					
Slate		4774	4815	2nd - 5021-24'					
Brown Shale		4815	4884	3rd - 5027-1/2-5039'					
Corniferous		4884	4993						
Oriskany		4993	5048						
Lime		5048	5057						
Total Depth			5057						

1709
 1531
 178
 1709
 823
 886

6-6 1 9 2

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-302 *D*

Gas Well

Kenna Quad.

DRILLED DEEPER

CASING & TUBING

Company	Columbian Carbon Co.	3 1/8	82	82
Address	Box 1240, Charleston, W.Va.	2 3/8	5096'4"	5096'4"
Farm	Ida Hughart Acres 381			
Location	Aarons Fork			
Well No.	1 (GW-370) Elev. 822.6			
District	Elk County Kanawha			
Surface Address	Ida Hughart, 1230 Bigley Ave. Charleston, W.Va.			
Mineral (Oil & Gas only)	Same			
Drilling (Deeper)	2-1-38 Commenced			
	2-3-38 Completed			
Volume	3,000,000 Cu. Ft.			
Rock Press.	980# 38 hrs.			

Formation	Color	How	Top	Base	Result	Formation	Color	How	Top	Base	Result
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Corniferous			4884	4993							
Oriskany			4993	5048							
Lime			5048	5057							
OLD TOTAL DEPTH				5057							
<u>DRILLED DEEPER</u>											
Lime			5057	5063							
Oriskany			5063	5074							
Lime			5074	5082							
NEW TOTAL DEPTH				5082	No New Pay						

5082
5057
25' DDHg

6-0 (192)