



75' 0625 loc      15' CINET HUGHART  
 38° 30'      .735      .735  
 81° 32' 30" 1.00W      3.26W  
 New Location X  
 Drill Deeper  
 Abandonment

W. B. FOGARTY  
 1.4 M. WEST OF AARONS  
 B. 18 P. 47

Company COLUMBIAN CARBON CO.  
 Address BOX 1240 - CHARLESTON - W.VA.  
 Farm FAY E. HUGHART ET AL  
 Tract \_\_\_\_\_ Acres 187 1/4 Lease No. 226  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 913.0 NE  
 Quadrangle CHARLESTON - N.E.  
 County KANAWHA District POCA  
 Engineer James N. Hall  
 Engineer's Registration No. 772  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MARCH 21, 1940 Scale 1" = 660'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. KAN-704

+ 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.

6-0-192 Deep Well ✓

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Kan-704  
Charleston N. E. Quad.

Gas Well

Company           Columbian Carbon Co.  
Address           Box 1240, Charleston, W. Va.  
Farm              Fay E. Hughart, et al ACRES 187-1/4  
Location          Huggards Fork of Legg Fork  
Well No.          1 (GW-453)           ELEV. 917.3 DF  
District          Poca - Kanawha County  
Surface           C. G. Hughart, Sissonville, W. Va.  
Mineral           D.L.Hughart, et al, Legg, W. Va.  
Commenced       May 28, 1940  
Completed        Sept. 26, 1940 -  
Shot              9/27/40 - depth 5020-5035  
Volume           318,000 c.f.  
Rock Pressure    900 lbs. 4 days  
Fresh Water      135 - 1-13 blr. per hr.  
Salt Water       1165 - hole full

CASING & TUBING

14"	29-11	29-11
10-3/4	398-5	pulled
8-5/8	1839-1	1839-1
7	4948-6	4948-6
2-3/8	5072-2	5072-2
3-1/2	61-11	61-11

No packer  
Casing cemented -  
see below

Red Rock	0	18	
Sand Soft	18	30	
Red Rock	30	50	
Sand	50	60	
Red Rock	60	75	
Slate Blue	75	130	
Sand	130	150	W 135
Slate	150	180	
Red Rock	180	220	
Slate	220	265	
Lime	265	285	
Slate	285	305	
Red Rock	305	369	
Sand	369	408	
Slate	408	420	
Sand	420	440	
Slate	440	500	
Sand	500	538	
Slate	538	572	
Sand	572	628	Gas 620 Small sh.
Slate	628	684	
Sand	684	734	
Slate	734	765	
Sand	765	824	
Slate	824	834	
Sand	834	860	
Slate	860	1010	
Sand	1010	1040	
Slate	1040	1045	
Salt Sand	1045	1445	HFV 1165
Lime	1445	1470	
Slate	1470	1514	
Maxon Sand	1514	1550	
Little Lime	1550	1589	
Slate	1589	1594	
Big Lime	1594	1753	
Big Injun Sand	1753	1773	
Slate&Shells	1773	2167	Gas 2059 Show
Brown Shale	2167	2177	
Berca Grit Shells	2177	2210	

Slate & Shells	2210	3695	
Brown Shale	3695	3730	
Slate & Shells	3730	3850	
Brown Shale	3850	4069	
White Slate	4069	4535	
Brown Shale	4535	4800	
White Slate	4800	4860	
Black Shale	4860	4906	SLM
Corniferous Lime	SLM4906	5016	SLM
Oriskany Sand	SLM5016	5062	
Lime Break - #	5062	5072	
Oriskany Sand - #	5072	5097	
Lime - #	5097	5106	SLM
Total Depth		5106	SLM

PAYS: 5026-5029

CEMENT RECORD:

7/15/40 Cemented 8-5/8 casing. Ran 100 sacks Alpha cement mixed with 1 sack Aquagel. 6 sacks Aquagel ran ahead of cement. Ran plug after Aquagel. 10' spacer. Ran plug on top cement. 10' of solid cement in pipe.  
Dallas Holley, Cementer, Halliburton Oil Well Cementing Co.

9/12/40 - Cemented 7" casing. Ran 10 sacks Alpha cement. Picked up casing and set it back on bottom. 21' of solid cement in pipe.  
Cemented by Columbian Carbon Co. crew.