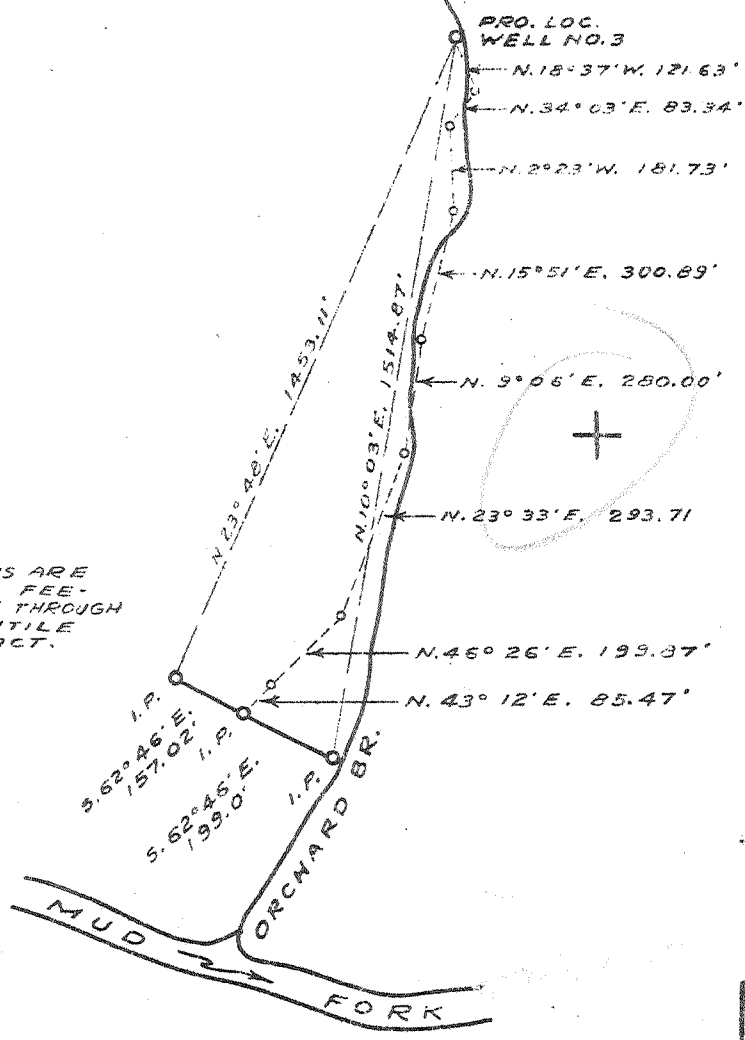


1 2 3

Latitude 37 55

Longitude 82 00

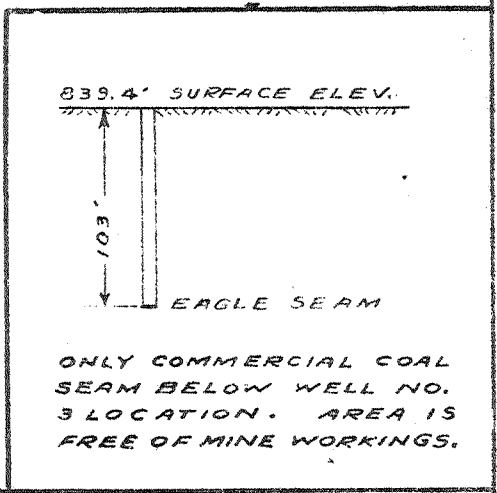
# ISLAND CREEK COAL CO.



NOTE: IRON PINS ARE CORNERS FOR FEE-MINERAL LINE THROUGH GUYAN MERCANTILE 538.33 A. TRACT.

4.65 S of 37° 55'  
3.27 W of 82° 00'  
6 SW (L-3)

NOTE: THIS MAP IS BASED ON SURVEY AND DATA FURNISHED BY THE ISLAND CREEK COAL COMPANY. IT IS A REVISION OF MAP DATED APRIL 17, 1944 AND SHOWS THE LOCATION OF THE EAGLE COAL SEAM.



New Location  X  
 Still Deeper .....  
 Abandonment .....

Company COLUMBIAN CARBON CO.  
 Address BOX 873 CHARLESTON W.VA.  
 Farm ISLAND CREEK COAL CO.  
 Tract \_\_\_\_\_ Acres 30,380 Lease No. C-2448  
 Well (Farm) No. 3 Serial No. GW-748  
 Elevation (Spirit Level) 839.4 EC  
 Quadrangle HOLDEN S.E. V6-127-138  
 County LOGAN District LOGAN  
 Engineer J.M. Sell  
 Engineer's Registration No. 772  
 No. \_\_\_\_\_ Drawing No. 265-A  
 Date JULY 7, 1944 Scale 1" = 400'

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

## WELL LOCATION MAP

FILE NO. LOG-106

+ 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

3-3 274 : Deep Well

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

Permit No. Log 106  
Holden S.E. Quad.

Gas Well  
CASING & TUBING

Company	Columbian Carbon Co.	13	48#	17'5	17'5
Address	Box 873, Charleston 23, W.Va.	10 $\frac{1}{2}$ "	32.75	259'7	Same
Farm	Island Creek Coal Co A -30,300	8 $\frac{1}{2}$ "	28#	1159'4	Pulled
Location	Orchard Branch	7"	23#	1685'5	1685'5
Well No	3- GW- 748 Elev. 845.1 DF	2	3/8 4#	3832	3832
District	Logan Logan County	3	1/2 7.7#	407'5	407'5
Surface	Island Cr. Coal Co., Box 2187, Huntington, W.Va.	PACKER			
Mineral	Island Creek Coal Co., Box 2187, Huntington, W.Va.	7" Midget Btm. Hole			
Commenced	6-22-44	Coal at 120' 50"			
Completed	9-7-44				
Shot	See below				
Volume	184,000 C.F.				
Rock Pressure	50 lbs. 30 min. pick.				
Fresh Water	140' 2 blr. 1 hr.				
Salt Water	675' 2-9" blr. ; 710' 2 blr. 1 hr. 925' H.F.; 1405' 1/2 blr. 1 hr. 1486'				

Soil	0	14	Slate	3840	3955
Sand Rock	14	60	Black Shale	3955	3955
Slate	60	65	White Slate	3965	4150
Hard Lime	65	120	Dark Shale	4150	4337SLM
Coal <i>Edge</i>	120	125	Corniferous Lime SLM	4337	4342SLM
Lime	125	145	TOTAL DEPTH		4342SLM
Slate	145	225			4333DLM
Sand	225	274			
Slate	274	284	PAYS: 1704-07'; 1807' 2019' 2421'		
Sand	284	385			
Slate & Shells	385	485	Gas 235' show		
Sand	485	528	Gas 1704'07 10/10 W 1"		
Slate	528	550	Gas 1807' 18/10 W 1"		
Sand	550	572	Gas 2019' 4/10 W 2"		
Slate	572	630	Gas 2421 6/10 W 2"		
Salt Sand	630	775			
Slate	775	840	CEMENT RECORD:		
Sand	840	1135	7-1-44 10 $\frac{1}{2}$ " casing. Ran 70 sacks of		
Slate & Shells	1135	1150	cement. Good returns. Stopped plug		
Lime Shell	1150	1172	10' off bottom mixed with 2 bags		
Slate & Shells	1172	1190	aquagel.		
Red Rock	1190	1295	7-21-44 8 5/8" casing. Ran 12 bags		
Slate & Shells	1295	1325	aquagel and 1 bale Fibrotex. Good		
Red Rock & Shells	1325	1344	circulation and returns.		
Slate & Shells	1344	1375	7-30-44 7" O.D. Casing. Ran 10 $\frac{1}{2}$ bags		
Sand	1375	1410	aquagel and one bale Fibrotex. Good		
Slate	1410	1420	returns.		
Sand	1420	1436			
Slate	1436	1443	SHOT RECORD:		
Dark Lime	1443	1456	Shot 9-9 and 9-10-44. Filled back		
Pencil Cave	1456	1459	from 4342' SLM to 4319' SLM		
Lime	1459	1570	1st shot Shot from 4319' SLM to		
Little Lime	1570	1625	4159' SLM with 4" gelatin 16 10'x4 $\frac{1}{2}$ "		
Big Lime	1625	1860	shells. Before shot gauged 103 MCF;		
Sand <i>200</i>	1860	1865	6 $\frac{1}{2}$ hours A.S. 119 MCF.		
Slate	1865	1878	2nd shot Shot from 3840' SLM to 3480'		
Red Rock <i>200</i>	1878	1895	with 36 4 $\frac{1}{2}$ " x 10' shells 80% gelatin		
Slate	1895	1910	2400#. Before shot gauged 119 MCF;		
Sand <i>200</i>	1910	1923	11 hours after shot 127 MCF.		
Slate & Shells	1923	2017	3rd shot Shot from 2409' to 2429' SLM		
Sand	2017	2045	with 2 5 $\frac{1}{2}$ x 10' shells with 5" Gelatin.		
Slate & Shells	2045	2395	Before shot gauged 127 MCF; 2 $\frac{1}{2}$ hours		
Brown Shale	2395	2414	after shot gauged 280 MCF.		
Berea Grit	2414	2430	4th shot. Shot from 2015' to 2045' with		
Slate & Shells	2430	3480	2 4 $\frac{1}{2}$ x 10' shells. Before shot gauged		
Brown Shale	3480	3580	280 MCF; 25 hours after shot gauged		
Lime	3580	3610	198 MCF.		
Brown Shale	3610	3665			
Slate & Shells	3665	3695			
Brown Shale	3695	3840			

4342  
845  

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3497

2414  
345  

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1569