

3.61 S.  
2,33 W.

- New Location
- Drill Deeper
- Abandonment

7 C (I-4)

Company Godfrey L. Cabot Inc.  
 Address P.O. Box 1473 Charleston W. Va.  
 Farm Buffalo Creek Coal & Coke Co  
 Tract \_\_\_\_\_ Acres 2500 Lease No. 3-486  
 Well (Farm) No. 7 Serial No. 1394  
 Elevation (Spirit Level) 865.0  
 Quadrangle Winfield - SE  
 County Putnam District Pocatalico  
 Engineer H.J. Simmons Jr  
 Engineer's Registration No. 1652  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 7-16-52 Scale 1" = 660'

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

WELL LOCATION MAP  
 FILE NO. PUC-531

+ 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.

Deep Well

Big Lime 1920 - 2031  
Injun Sand 2031 - 2098  
Onondagan Group 4863 - 4957  
Oriskany 4957 - 4967

Vol 1, 784 McF at 4960-4963  
Completed Dec 22, 1952

4863  
865

Wenfield  
Pot-531

GEOFFREY L. CASBY, INC.

WELL RECORD

**SERIAL NO.** 1394      **OPERATING DISTRICT** EN      **DATE** 12-29  
**FARM** Buffalo Creek Coal Co. (Hatfield)      **NO.** 7      **LEASE NO.**  
**COUNTY** Putnam      **TOWNSHIP** Fossilico      **STATE** W. Va.  
**DRILLING COMMENCED** August 14, 1952      **DRILLING COMPLETED** December 22, 1952  
**COMPANIES** Company tools      **ADDRESS**

**STATE PRESSURE RECORD**

Ordinary	Head	825	ft. in	68	in
	Head		ft. in		in
	Head		ft. in		in

**PRODUCING SAND RECORD**

Ordinary	Head, from	4957'	4967'	Int. Prod.	1,107	M. C. F. G.
	Head, from			Int. Prod.		M. C. F. G.
	Head, from			Int. Prod.		M. C. F. G.

**OPEN FLOW**  
 Flow Condition: 30 Min. after shot  
 Valve Memory in three inch opening  
 Volume 1,784 M. C. F.  
**24 HOUR PRODUCTION TEST AFTER FINING**  
 M. C. F.      Line Pressure  
 8 1/2"      in 24 Hours  
**TUNED AND SHUT IN** Date  
 Packer Size      Kind  
 Set Depth      Size Anchor  
 Port Top      Bottom  
 Port Top      Bottom  
**ELEVATION:** 865

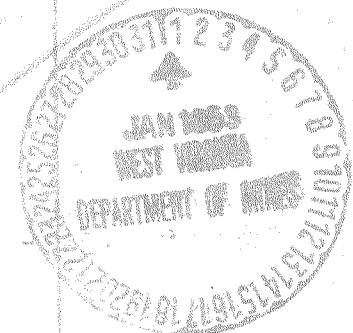
**CARDIO RECORD**

SIZE	WEIGHT	READ IN (24 HRS)	LEFT IN (24 HRS)	WELL NUMBER
13"	48"	100	100	
10"	40.5"	730	730	
10"	35.75"	310	310	
8"	28"	2205	2205	
7"	21 1/2"	1881	1881	

**SHOOTING RECORD**  
 Shot with 30 qts. from 4957' to 4967' Date 12-23-52  
 Gauge Before Shot 1,107 McF      Gauge 30 Min. After Shot 1,784 M

FORMATION	COLOR	TOP	BOTTOM	OTHEL LINE RECORDED - FEET	WATER OR OIL	OIL, GAS OR WATER	SHIFTS FOUND	REMARKS
Clay		0	55					
Red Rock		55	76					
Slate		76	90					
Red Rock		90	124					
Lime		124	130					
Red Rock		130	147					
Slate		147	160					
Lime		160	172					
Red Rock		172	209					
Sand		209	237					
Lime		237	319					
Slate & Shell		319	330					
Red Rock		330	358					
Line		358	363					
Coal		363	368					
Slate		368	434					
Red Rock		434	521					
Slate		521	526					
Red Rock		526	555					
Slate		555	584					
Red Rock		584	605					
Slate & Shell		605	687					
Red Rock		687	722					
Slate		722	754					
Sand		754	875		Water		825	4 bailers per hour.
Slate & Shell		875	901					
Sand		901	924					
Slate		924	1021					
Sand		1021	1090					
Slate		1090	1110					
Sand		1110	1168					
Slate & Shell		1168	1505					
Salt Sand		1505	1807		Water		1600	Hole full.
Slate		1807	1820					
Big Line		1820	2031					
Sand		2031	2086					

*Handwritten notes:*  
 O'Brien  
 12-23-52



FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENT	WAS OR DIFT	OIL, GAS OR WATER	DEPTH FOUND	REMARKS
Slate		2038	2099					
Line		2099	2145					
Slate & Shell		2145	2514					
Brown Shale		2514	2536					
Berea		2536	2556					
Slate & Shell		2556	3770					
Brown Shale		3770	3841			Gas	3800	Show; would not test.
Slate & Shell		3841	4024					
Brown Shale		4024	4102					
Slate & Shell		4102	4143					
Brown Shale		4143	4240					
Slate & Shell		4240	4653					
Brown Shale		4653	4863					
Corniferous		4863	4957	4881				
Oriskany		4957		4961		Gas	4960-4963;	1,107 Mcf.
Total Depth			4967					

4863  
865  
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3998

4957  
865  
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4092

TOTAL DEPTH

DATE

APPROVED

FOREMAN