

988 19A

Cabin Creek District, Kanawha County, W. Va.
 By Virginian Gasoline & Oil Co., Charleston, W. Va.
 On 5400 acres, surface owned by Imperial Coal Co., Charleston,
 W. Va., and mineral rights owned by Imperial Coal Co. (oil
 and gas), Charleston, W. Va., and coal by Wiatt (Wyatt?)
 Coal Co., Sharon, W. Va.

Well was completed Feb. 5, 1918.

Elevation, 1458' L.

10" casing, 795'; 6-5/8", 2611'.

Coal was encountered at 705-710'; The drillers failed to record
 the Stockton seam at approximately 250' and the Coalburg seam
 at approximately 340 feet with about 4' of coal.

Abandonment reported to Dept. of Mines Oct. 18, 1930.

Well was shot at 3166'. Producing hole.

	Top.	Bottom.
Soil	0	10
Sand	10	225
Slate and shell	225	650
Sand	650	705
Coal	705	710
Slate and shell	710	1395
Grampus Sand	1395	1510
Salt Sand	1510	1860
Slate break	1860	1880
Lime, white	1880	1910
Sand	1910	1950
Slate	1950	2000
Lime	2000	2060
Red rock	2060	2208
Sand	2208	2236
Red rock	2236	2261
Slate	2261	2326
Maxton Sand	2326	2406
Lime, black	2406	2446
Slate	2446	2466
Lime	2466	2476
Pencil Cave	2476	2481
Lime, black	2481	2495
Big Lime	2495	2700
Big Injun Sand	2700	2750
Slate and shells	2750	2870
Sand, white	2870	2895
Slate and shell	2895	3148
Berea Sand	3148	3185
Total depth		3186

Cabin Creek District, Kanawha County, W. Va.
 By United Fuel Gas Co., Charleston, W. Va.
 Drilling contractor: U. F. G. Co., Charleston, W. Va. Cost per foot, \$2.25
 Commenced Sept. 10, 1917; completed Feb. 5, 1918.
 Drillers: C. M. Anderson, O. C. Allison.
 10" casing, 795'; 8 $\frac{1}{4}$ ", 1979' (pulled); 6 $\frac{3}{8}$ ", 2611'.
 Shot Feb. 6, 1918, with 90 qts.
 Steel-line measurements at 2495, 3148, 3170, and 3186'.
 Oil well.

	Top.	Bottom.	Thickness.
Soil	0	- 10	10
Sand	10	- 225	215
Slate and shell	225	- 650	425
Sand	650	- 705	55
Coal	705	- 710	5
Slate and shells	710	- 1395	685
Grampus Sand (water, 1500')	1395	- 1510	115
Salt Sand	1510	- 1860	350
Break slate	1860	- 1880	20
White lime	1880	- 1910	30
Sand	1910	- 1950	40
Slate	1950	- 2000	50
Lime	2000	- 2060	60
Red rock	2060	- 2208	148
Sand	2208	- 2236	28
Red rock	2236	- 2261	25
Slate	2261	- 2326	65
Maxton Sand	2326	- 2406	80
Black lime	2406	- 2446	40
Slate	2446	- 2466	20
Lime	2466	- 2476	10
Pencil Cave	2476	- 2481	5
Black lime	2481	- 2495	14
Big Lime	2495	- 2700	205
Big Injun Sand	2700	- 2750	50
Slate and shells	2750	- 2870	120
White sand	2870	- 2895	25
Slate and shells	2895	- 3148	
Berea Sand	3148	- 3185	37
Total depth		3186	

Revised record:

Top of Big Lime	2495		
Berea Sand (oil pay, 3170-3185')	3148	- 3185	37
Total depth		3186	

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WELL RECORD

UNITED FUEL GAS

COMPANY

SERIAL WELL NO. 988

MAP SQUARE

NAME Imperial Coal Company

WELL NO. 19 LEASE NO. _____ ACRES _____

TOWNSHIP OR DISTRICT Cabin Creek

COUNTY Kanawha

FIELD _____

STATE West Virginia

RIG _____ Building Cost _____

Contractor _____

Commenced _____ 19____, Completed _____ 19____

DRILLING Cost per Ft. \$2.25

Contractor U.F.G. Company

Address Charleston, W. Va.

Commenced Sept. 10, 1917, Completed Feb. 5, 1918

DRILLERS TOOL DRESSERS

C. M. Anderson _____

O. C. Allison _____

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10	795	795
8 1/4	1979	-
6 3/8	2611	2611
5 3/8		
4 7/8		
4		
3		
2		

WELL TUBED	
Date _____	Tubing or Casing _____
_____ in.	
Size of Packer _____	
Kind of Packer _____	
1st Perf. Set _____ from _____	
2nd Perf. Set _____ from _____	

TEST BEFORE SHOT

_____ of Water in _____ inch

10ths. _____ of Merc. in _____ inch

10ths. Volume _____ Cu. Ft.

TEST AFTER SHOT

_____ of Water in _____ inch

10ths. _____ of Merc. in _____ inch

10ths. Volume _____ Cu. Ft.

Rock Pressure _____

Date Shot Feb. 6, 1918

Size of Torpedo 90 Qts.

Oil Flowed _____ bbls. 1st 24 hours

Oil Pumped _____ bbls. 1st 24 hours

Well Abandoned and Plugged _____ 19____

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil	0	10	10	Slate and Shells 2895 - 3148
Sand	10	225	215	Berea Sand 3148 - 3185
Slate and Shell	225	650	425	Total Depth 3186
Sand	650	705	55	
Coal	705	710	5	
Slate and Shells	710	1395	685	
Grampus Sand	1395	1510	115	Top of Line 2495
Salt Sand	1510	1860	350	Berea Sand 3148 - 3185
Break Slate	1860	1880	20	Oil pay 2170 - 3185
White Line	1880	1910	30	Total Depth 3186
Sand	1910	1950	40	
Slate	1950	2000	50	Steel Line Measurements
Line	2000	2060	60	2495 - 3148 - 3170 - 3186
Red Rock	2060	2208	148	
Sand	2208	2236	28	Water 1500'
Red Rock	2236	2261	25	
Slate	2261	2326	65	
Maxon	2326	2406	80	
Black Lime	2406	2446	40	
Slate	2446	2466	20	
Lime	2466	2476	10	
Pencil Cave	2476	2481	5	
Black Lime	2481	2495	14	
Big Lime	2495	2700	205	
Injun Sand	2700	2750	50	
Slate and Shells	2750	2870	120	
White Sand	2870	2895	25	