



I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Seybert R. Howell

New Location
 Drill Deeper
 Abandonment

Company THE PRESTON OIL CO.
 Address CHARLESTON, W. VA.
 Farm IMPERIAL COAL CO.
 Tract _____ Acres 5400 Lease No. 2975
 Well (Farm) No. 939 Serial No. 939
 Elevation (Spirit Level) 1274.53'
 Quadrangle MONTGOMERY - WC
 County KANAWHA District CABIN CRK.
 Engineer Seybert R. Howell
 Engineer's Registration No. 2529
 File No. 72-45 Drawing No. _____
 Date SEPT. 17, 64 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. KAP-1374-A

+ 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.

Cabin Creek District, Kanawha County, W. Va.
 By United Fuel Gas Co., Charleston, W. Va.
 Drilling contractor: D. M. Close, Charleston, W. Va.
 Commenced July 14, 1917; completed Nov. 28, 1917.
 Drillers: H. P. Carnold, Jack McCall.
 16" casing, 14'; 13", 610'; 10", 1735' (pulled); 6⁵/₈" 2332'.
 Oil well. Steel-line measurements at 2290, 2935, 2960, and 2973'.

	Top.	Bottom.	Thickness.
Sandy shale	0	- 95	95
Coal (water at 95')	95	- 98	3
Lime and sand	98	- 160	62
Coal	160	- 163	3
Slate and lime shells	163	- 215	52
Coal	215	- 218	3
Slate and lime shells	218	- 330	102
Coal	330	- 335	5
Sand and slate	335	- 467	132
Coal	467	- 469	2
Slate	469	- 500	31
Coal	500	- 505	5
Sand and slate	505	- 570	65
Coal	570	- 572	2
Sand and lime	572	- 1100	528
Big Dunkard Sand	1100	- 1180	80
Slate	1180	- 1215	35
Grampus Sand	1215	- 1345	130
Black slate	1345	- 1390	45
Salt Sand (hole full water, 1500')	1390	- 1670	280
Slate and lime shells	1670	- 1800	130
Red rock	1800	- 1860	60
Slate and lime shells	1860	- 2080	220
Red rock	2080	- 2100	20
Slate and lime	2100	- 2130	30
Maxton Sand (water, 2185')	2130	- 2210	80
Little Lime	2210	- 2245	35
Break	2245	- 2280	35
Pencil Cave	2280	- 2290	10
Big Lime	2290	- 2495	205
Big Injun Sand	2495	- 2545	50
Slate and lime	2545	- 2915	370
Coffee Slate	2915	- 2935	20
Berea Sand	2935	- 2969	34
Black lime	2969	- 2973	4
Total depth		2973	
Revised record:			
Big Lime	2290		
Berea Sand (oil, 2960-69')	2935	- 2969	34
Total depth		2973	

KAN-1374-A

WELL RECORD

986

UNITED FUEL GAS

COMPANY

SERIAL WELL NO. 939

MAP SQUARE

NAME Imperial Coal Company

WELL NO. 939 LEASE NO. _____ ACRES _____

TOWNSHIP OR DISTRICT Cabin Creek

COUNTY Kanawha

FIELD _____

STATE W. Va.

RIG _____ Building Cost _____

Contractor _____

Commenced _____ 19____, Completed _____ 19____

DRILLING _____ Cost per Ft. _____

Contractor D. M. Close

Address Charleston, W. Va.

Commenced July 14, 1917, Completed Nov. 26, 1917

DRILLERS _____ TOOL DRESSERS _____

H. P. Darnold

Jack McCall

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16	14	14
13	610	610
10	1735	Pulled
8 1/4		
6 5/8	2332	2332
5 3/16		
4 7/8		
4		
3		
2		

WELL TUBED	
Date _____	Tubing or Casing _____
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 _____

Size of Torpedo _____

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
Sandy Shale	0	95	95	Revised record
Coal	95	98	3	
Lime & Sand	98	160	62	
Coal	160	163	3	Big Lime 2290
Slate & Lime-Shells	163	215	52	
Coal	215	218	3	Berea Sand 2935 - 69
Slate & Lime-Shells	218	330	102	Oil 2960 - 69
Coal	330	335	5	Total Depth 2973
Sand & Slate	335	467	132	
Coal	467	469	2	Steel line Measurements - 2290 - 2935 - 2960 - 2973
Slate	469	500	31	
Coal	500	505	5	
Sand & Slate	505	570	65	
Coal	570	572	2	
Sand & Lime	572	1100	528	Water at 95'
Big Sunkard Sand	1100	1180	80	" (Hole Full) - 1500
Slate	1180	1215	35	" (In Maxon) - 2185
Grampus Sand	1215	1345	130	
Black Slate	1345	1390	45	
Salt Sand	1390	1670	280	
Slate & Lime Shells	1670	1800	130	
Red Rock	1800	1860	60	
Slate & Lime Shells	1860	2080	220	
Red Rock	2080	2100	20	
Slate & Lime	2100	2130	30	
Maxon Sand	2130	2210	80	
Little Lime	2210	2245	35	
Break	2245	2280	35	
Pencil Cave	2280	2290	10	
Big Lime	2290	2495	205	
Big Injun	2495	2545	50	
Slate & Lime	2545	2915	370	
Coffee Slate	2915	2935	20	
Berea Sand.	2935	2969	34	
Black Lime	2969	2973	4	
Total depth		2973		