



oil

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 sections of the mining laws of West Virginia.

Sybert R. Shull

- 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. _____ Serial No. 940
 Elevation (Spirit Level) 1393.66'
 Quadrangle MONTGOMERY - WC
 County KANAWHA District CABIN CRK
 Engineer Sybert R. Shull
 Engineer's Registration No. 2529
 File No. 72-45 Drawing No. _____
 Date SEPT. 17, 1964 Scale 1" = 800

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

WELL LOCATION MAP
FILE NO. KAN-1357-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.

IMPERIAL COAL CO. NO. 940 WELL.

1357A
?
0

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 27, 1917; completed Nov. 7, 1917.
 Drillers: Mal Hess, Ed. Kalbaugh.
 10"-casing, 745'; 8 $\frac{1}{4}$ ", 1880' (pulled); 6 $\frac{5}{8}$ ", 2435'.
 Oil-well.

	Top.	Bottom.	Thickness.
Conductor		10	
Sand	..	60	
Coal	60	62	2
Sand (water, 115')	62	125	63
Slate	125	150	25
Sand	150	180	30
Lime shells	180	275	95
Coal	275	278	3
Lime	278	310	32
Sand	310	335	25
Lime	335	360	25
Sand	360	450	90
Lime shells	450	580	130
Coal	580	583	3
Lime shells	583	630	47
Coal (water, 630')	630	633	3
Lime shells	633	710	77
Coal	710	714	4
Lime shells	714	770	56
Sand (water, 840')	770	850	80
Lime	850	875	25
Sand	875	900	25
Lime shells (water, 940')	900	1085	185
Sand	1085	1135	50
Lime	1135	1230	95
Sand	1230	1265	35
Lime shell	1265	1290	25
Sand	1290	1315	25
Lime shell	1315	1335	20
Hard sand	1335	1460	125
Slate	1460	1495	35
Salt Sand (water, 1590'; hole full, 1625') (6 bailers per hour)	1495	1675	180
Slate	1675	1680	5
Sand	1680	1795	115
Slate	1795	1800	5
Lime	1800	1846	46
Slate	1846	1852	6
Lime	1852	1860	8
Black lime	1860	1865	5
Lime	1865	1870	5
Slate	1870	1880	10
Lime	1880	1884	4
Slate	1884	1940	56
Lime	1940	2000	60
Pink lime	2000	2025	25
Lime shell	2025	2050	25
Red rock	2050	2070	20
Lime shell	2070	2150	80

(OVER)

IMPERIAL COAL CO. NO. 940 WELL (Continued).

	Top.	Bottom.	Thickness.
Sand	2150	2160	10
Lime	2160	2210	50
Maxton Sand	2210	2325	115
Little Lime	2325	2365	35
Slate	2365	2370	5
Blue lime	2370	2380	10
Black lime	2380	2390	10
White lime	2390	2410	20
Pencil Cave	2410	2420	10
Big-Lime	2420	2615	195
Big-Injun Sand	2615	2670	55
Lime shells and slate	2670	3010	340
Hard lime	3010	3050	40
Brown shale	3050	3068	18
Berea Sand (oil, 3084')	3068	3106	38
Total depth		3107	
Revised record:			
Top of Big Lime	2420		
Berea Sand	3068	3106	38
Total depth		3107	
100	3100		
105	3095		
110	3090		
115	3085		
120	3080		
125	3075		
130	3070		
135	3065		
140	3060		
145	3055		
150	3050		
155	3045		
160	3040		
165	3035		
170	3030		
175	3025		
180	3020		
185	3015		
190	3010		
195	3005		
200	3000		
205	2995		
210	2990		
215	2985		
220	2980		
225	2975		
230	2970		
235	2965		
240	2960		
245	2955		
250	2950		
255	2945		
260	2940		
265	2935		
270	2930		
275	2925		
280	2920		
285	2915		
290	2910		
295	2905		
300	2900		
305	2895		
310	2890		

KAN-1357-A

WELL RECORD

987

UNITED FUEL GAS

COMPANY

SERIAL WELL NO.

MAP SQUARE

NAME Imperial Coal Company

WELL NO. 940 LEASE NO. 18 ACRES _____

TOWNSHIP OR DISTRICT Cabin Creek

COUNTY Kanawha

FIELD _____

STATE West Virginia

RIG _____ Building Cost _____

Contractor _____

Commenced _____ 19____, Completed _____ 19____

DRILLING _____ Cost per Ft. _____

Contractor D. M. Close

Address Charleston, W. Va.

Commenced July 27, 1917, Completed Nov. 7, 1917

DRILLERS _____ TOOL DRESSERS _____

Mal Hess _____

Ed Kalbaugh _____

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10	745	745
8 1/4	1880	-
6 5/8	2435	2435
5 3/16		
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 _____

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	Formation	Top REMARKS	Bottom	Thick.
Conductor	10			Sand	1680	1795	115
Sand	60			Slate	1795	1800	5
Coal	60	62	2	Lime	1800	1846	46
Sand	62	125	63	Slate	1846	1852	6
Slate	125	150	25	Lime	1852	1860	8
Sand	150	180	30	Black Lime	1860	1865	5
Lime Shells	180	275	95	Lime	1865	1870	5
Coal	275	278	3	Slate	1870	1880	10
Lime	278	310	32	Lime	1880	1884	4
Sand	310	335	25	Slate	1884	1940	56
Lime	335	360	25	Lime	1940	2000	60
Sand	360	450	90	Pink Lime	2000	2025	25
Lime Shells	450	580	130	Lime Shell	2025	2050	25
Coal	580	583	3	Red Rock	2050	2070	20
Lime Shells	583	630	47	Lime Shell	2070	2150	80
Coal	630	633	3	Sand	2150	2160	10
Lime Shells	633	710	77	Lime	2160	2210	50
Coal	710	714	4	Maxon Sand	2210	2325	115
Lime Shells	714	770	56	Little Lime	2325	2365	35
Sand	770	850	80	Slate	2365	2370	5
Lime	850	875	25	Blue Lime	2370	2380	10
Sand	875	900	25	Black Lime	2380	2390	10
Lime Shells	900	1085	185	White Lime	2390	2410	20
Sand	1085	1135	50	Pencil Cave	2410	2420	10
Lime	1135	1230	95	Big Lime	2420	2615	195
Sand	1230	1265	35	Injun Sand	2615	2670	55
Lime Shell	1265	1290	25	Lime Shells and			
Sand	1290	1315	25	Slate	2670	3010	340
Lime Shell	1315	1335	20	Hard Lime	3010	3050	40
Hard Sand	1335	1460	125	Brown Shale	3050	3068	18
Slate	1460	1495	35	B. Sand, 3068, Oil, 3084, Bottom of			
Salt Sand	1495	1675	180	Sand, 3106.			
Salt	1675	1680	5	Total Depth, 3107.			
Water - - 115-630-840-940-1430-1590- - -							
Hole full - - 1625.							
6 Bailer per Hour.							
				Top of Big Lime		2420	
				Berea Sand		3068-3106	
				Total depth -		3107	