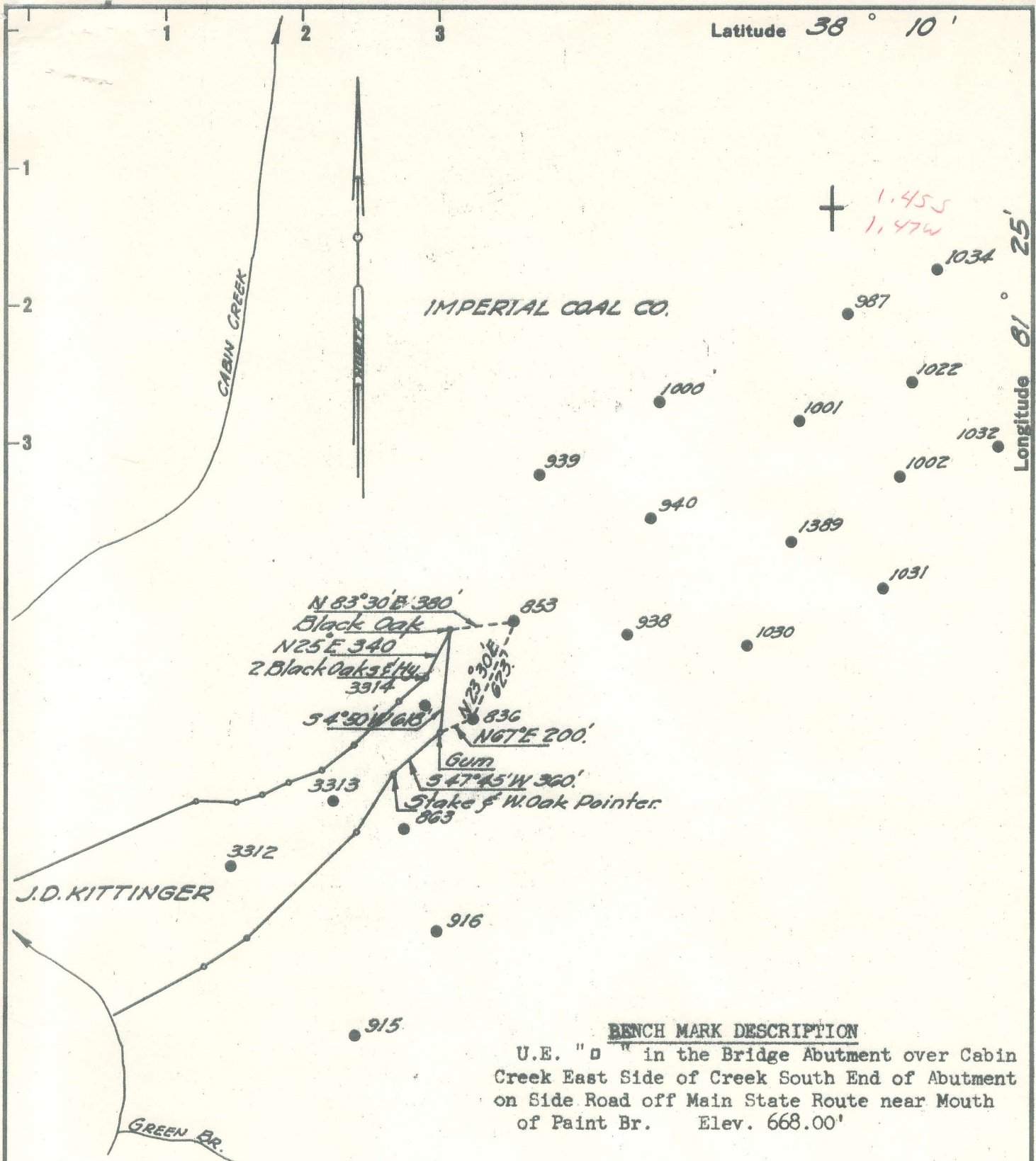


Latitude 38° 10'

Longitude 81° 25'



BENCH MARK DESCRIPTION

U.E. "D" in the Bridge Abutment over Cabin Creek East Side of Creek South End of Abutment on Side Road off Main State Route near Mouth of Paint Br. Elev. 668.00'

DEGREE OF ACCURACY
One Part in 200

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.

Sydney R. Jewell

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. 853
 Elevation (Spirit Level) 1539.94'
 Quadrangle MONTGOMERY - WC
 County KANAWHA, District CABIN CRK.
 Engineer Sydney R. Jewell
 Engineer's Registration No. 2529
 File No. 72-45 Drawing No. _____
 Date SEPT. 10, 64. Scale 1" = 800'

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

WELL LOCATION MAP
FILE NO. KAN-1372-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. 6 (853) WELL.

1372A

Cabin Creek District, Kanawha County, W. Va.

By United Fuel Gas Co., Charleston, W. Va.

Drilling contractor: U. F. G. Drilling Dept., Charleston, W. Va.

Commenced Oct. 8, 1917; completed Feb. 16, 1918.

Drillers: Mike Oneil, D. C. Jayne.

10" casing, 795'; 8 $\frac{1}{4}$ " , 1948' (pulled); 6 $\frac{5}{8}$ " , 2580'; 2" tubing.

Shot Feb. 18, 1918, with 90 qts., from 3230-3250'.

Oil well. Steel-line measurements at 2560, 3214, 3234, and 3253'.

	Top.	Bottom.	Thickness.
Soil	0	- 12	12
Sand	12	- 270	258
Coal	270	- 275	5
Sand and slate	275	- 775	500
Coal	775	- 780	5
Slate and shell	780	- 1460	680
Grampus Sand (water, 1565')	1460	- 1575	115
Salt Sand	1575	- 1925	350
Black slate	1925	- 1945	20
White lime	1945	- 1975	30
Sand	1975	- 2015	40
Slate	2015	- 2065	50
White lime	2065	- 2125	60
Red rock	2125	- 2273	148
White sand	2273	- 2300	27
Red rock	2300	- 2325	25
Slate	2325	- 2390	65
Maxton Sand	2390	- 2470	80
Black lime	2470	- 2510	40
Slate	2510	- 2530	20
Lime and slate	2530	- 2540	10
Pencil Cave	2540	- 2545	5
Black lime	2545	- 2560	15
Big Lime	2560	- 2765	205
Big Injun Sand	2765	- 2815	120
White sand	2935	- 2960	25
Slate and shells	2960	- 3214	254
Berea Sand	3214	- 3251	37
Total depth		3253	

REVISED RECORD:

Top Big Lime	2560	
Berea Sand (oil pay, 3234-3251')	3214 - 3251	37
Total depth	3253	

KAN-1372-A

976

WELL RECORD

UNIFTED FUEL GAS COMPANY SERIAL WELL NO. 853 MAP SQUARE

<p>NAME <u>Imperial Coal Company</u></p> <p>WELL NO. <u>6</u> LEASE NO. _____ ACRES _____</p> <p>TOWNSHIP OR DISTRICT <u>Cabin Creek</u></p> <p>COUNTY <u>Kanawha</u></p> <p>FIELD _____</p> <p>STATE <u>West Virginia</u></p> <p>RIG _____ Building Cost _____</p> <p>Contractor _____</p> <p>Commenced _____ 19____, Completed _____ 19____</p> <p>DRILLING _____ Cost per Ft. _____</p> <p>Contractor <u>U. F. G. Drilling Dept.</u></p> <p>Address <u>Charleston, West Virginia</u></p> <p>Commenced <u>Oct. 8,</u> 19<u>17</u>, Completed <u>Feb. 16, 1918</u></p> <p>DRILLERS _____ TOOL DRESSERS _____</p> <p><u>Mike Oneil</u> _____</p> <p><u>D. C. Jayne</u> _____</p>	<p>CASING AND TUBING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> </tr> <tr> <td>16</td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>795</td> <td>795</td> </tr> <tr> <td>8 1/4</td> <td>1948</td> <td></td> </tr> <tr> <td>6 5/8</td> <td>2580</td> <td>2580</td> </tr> <tr> <td>5 3/16</td> <td></td> <td></td> </tr> <tr> <td>4 7/8</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> </table> <p>WELL TUBED</p> <p>Date _____</p> <p><u>2</u> in. _____ Tubing or Casing</p> <p>Size of Packer _____</p> <p>Kind of Packer _____</p> <p>1st Perf. Set _____ from _____</p> <p>2nd Perf. Set _____ from _____</p>	SIZE	USED IN DRILLING	LEFT IN WELL	16			13			10	795	795	8 1/4	1948		6 5/8	2580	2580	5 3/16			4 7/8			4			3			2			<p>TEST BEFORE SHOT</p> <p>_____ of Water in _____ inch</p> <p>10ths. _____ of Merc. in _____ inch</p> <p>10ths. _____</p> <p>Volume _____ Cu. Ft.</p> <p>TEST AFTER SHOT</p> <p>_____ of Water in _____ inch</p> <p>10ths. _____ of Merc. in _____ inch</p> <p>10ths. _____</p> <p>Volume _____ Cu. Ft.</p> <p>Rock Pressure _____</p> <p>Date Shot <u>Feb. 18, 1918</u></p> <p>Size of Torpedo <u>90 qt.</u></p> <p>From <u>3230</u> to <u>3250</u>.</p> <p>Oil Flowed _____ bbls. 1st 24 hours</p> <p>Oil Pumped _____ bbls. 1st 24 hours</p> <p>Well Abandoned and Plugged _____ 19____</p>
SIZE	USED IN DRILLING	LEFT IN WELL																																	
16																																			
13																																			
10	795	795																																	
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6 5/8	2580	2580																																	
5 3/16																																			
4 7/8																																			
4																																			
3																																			
2																																			

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil	0	12	12	
Sand	12	270	258	
Coal	270	275	5	Revised record.
Sand & slate	275	775	500	Top big lime 2560
Coal	775	780	5	Berea sand 3214 - 3251
Slate & shell	780	1460	680	Oil pay 3234 - 3251
Grampus sand	1460	1575	115	Total depth 3253
Salt sand	1575	1925	350	
Black salt slate	1925	1945	20	Steel line measurements.
White lime	1945	1975	30	
Sand	1975	2015	40	2560 - 3214 - 3234 - 3253.
Slate	2015	2065	50	
White lime	2065	2125	60	
Red rock	2125	2273	148	Water - 1565
White sand	2273	2300	27	
Red rock	2300	2325	25	
Slate	2325	2390	65	
Maxon sand	2390	2470	80	
Black lime	2470	2510	40	
Slate	2510	2530	20	
Lime & slate	2530	2540	10	
Pencil cave	2540	2545	5	
Black lime	2545	2560	15	
Big lime	2560	2765	205	
Injun sand	2765	2815	120	
White sand	2935	2960	25	
Slate & shells	2960	3214	254	
Berea sand	3214	3251	37	
Total depth		3253		