



**BM DESCRIPTION**  
 PAINTED SQUARE ON N.E. CORNER OF NORTH HEADWALL OF SMALL CULVERT 700' ± WEST OF MEMORIAL TUNNEL ON W.VA. TURNPIKE ELEV. 1099.85'  
**DEGREE OF ACCURACY**  
 ONE PART IN 200.

Fracture  
 Before 6/5/29   
 New Location   
 Drill Deeper   
 Redrill   
 Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company PRESTON OIL CO.  
 Address CHARLESTON W.VA.  
 Farm IMPERIAL COAL CO.  
 Tract \_\_\_\_\_ Acres 3439.6 Lease No. PT. 2275  
 Well (Farm) No. \_\_\_\_\_ Serial No. 1245  
 Elevation (Spirit Level) 1002.25'  
 Quadrangle MONTGOMERY Wc  
 County KANAWHA District CABIN CREEK  
 Engineer Adrian P. Friedman  
 Engineer's Registration No. 2330  
 File No. 72-45 Drawing No. C.301  
 Date 9-21-71 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. KAN-1419 (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.

70049  
O.F.-Kan-1003.

IMPERIAL COAL CO. NO. 1245 WELL.

Now 1419A

Cabin Creek District, Kenawha County, W. Va.  
 By United Fuel Gas Co., Charleston, W. Va.  
 Drilling contractor, United Fuel Gas Co. Drg. Dept., Charleston, W. Va.  
 Cost per foot, \$2.25.  
 Commenced Jan. 27, 1922; completed May 3, 1922.  
 Drillers: C. M. Woodwill, E. C. Waller, Howard Buckner, Harley Jarvis.  
 10" casing, 361'; 8 $\frac{1}{4}$ " , 1435' (pulled); 6 $\frac{3}{8}$ " , 2068'.  
 6 $\frac{3}{8}$ " x 8 $\frac{1}{4}$ " casing shoe.  
 Shot May 8, 1922, with 30 qts.; top shell, 2726-2733'.  
 Swabbed 25 bbls., 1st 24 hrs.  
 Steel-line measurements: 1421, 1818, 2029, 2701, 2725, and 2738'.

	Top.	Bottom.	Thickness.
Clay	0	8	8
Sand	8	45	37
Coal	45	48	3
Sand	48	164	116
Coal	164	168	4
Slate	168	210	42
Sand	210	246	36
Coal	246	250	4
Lime	250	270	20
Slate and shell	270	296	26
Coal	296	300	4
Slate and shell	300	385	85
Sand	385	435	50
Slate and shell	435	540	105
Lime	540	575	35
Slate	575	685	110
Lime	685	705	20
Slate	705	725	20
Sand	725	745	20
Slate	745	770	25
Lime	770	800	30
Slate	800	840	40
Lime	840	890	50
Gramphus Sand	890	1070	180
Slate	1070	1132	62
Salt Sand	1132	1411	279
Lime	1411	1433	22
Slate	1433	1460	27
Red rock	1460	1490	30
Slate	1490	1610	120
Red rock	1610	1690	80
Lime	1690	1710	20
Slate	1710	1730	20
Sand	1730	1760	30
Red rock	1760	1790	30
Lime	1790	1818	28
Slate and shell	1818	1880	62
Maxton Sand	1880	1949	69
Little Lime	1949	2024	75
Pencil Cave	2024	2029	5
Big Lime	2029	2243	214
Big Injun Sand	2243	2300	57
Slate and shell	2300	2455	155

(OVER)

IMPERIAL COAL CO. NO. 1245 WELL (Continued).

	Top.	Bottom.	Thickness.
Weir Sand	2455	- 2515	60
Slate and shell	2515	- 2685	170
Brown shale	2685	- 2701	16
Berea Sand (oil, 2725-2735')	2701	- 2738	37
Line	2738	- 2758	20
Total depth		2758	



3' cut at 925 and pulled  
Bridge set at 925-5 sacks of cement

5"  
5" cut and pulled at 915

7" cut and pulled at 900  
clay from 925 to 850  
cement from 850 to 750

10' cut and pulled at 65  
Bridge set at 100ft.  
filled with cement to surface

Marker set in compliance with rules of State of W.Va.