



'BM' DESCRIPTION
 PAINTED SQUARE ON NE CORNER OF NORTH HEADWALL OF SMALL CULVERT 700' WEST OF MEMORIAL TUNNEL ON W. VA. TURNPIKE. ELEV. 1099.88'

- 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 THE PRESTON OIL CO.
 Address CHARLESTON, W. VA.
 Farm IMPERIAL COAL CO.
 Tract _____ Acres 3439⁶ Lease No. PT. 2915
 Well (Farm) No. _____ Serial No. 1229
 Elevation (Spirit Level) 1370.24'
 Quadrangle MONTGOMERY WC
 County KANAWHA District CABIN CREEK
 Engineer Adrian Edelman
 Engineer's Registration No. 2330
 File No. 72-45 Drawing No. _____
 Date SEPT. 21, '71 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. KAN-1416 (A)
 W-70047

+ 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. 1229 WELL.

No. 1229-116-A

Cabin Creek District, Kanawha County, W. Va.

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

Rig completed March 15, 1921

Drilling contractor, United Fuel Gas Co. Drilling Dept., Charleston, W. Va.

Commenced April 11, 1921; completed Aug. 19, 1921.

Drillers: Clifford Waller, Dennie Hill.

13" casing, 14'; 10", 880'; 8 $\frac{1}{4}$ ", 1770' (pulled); 6 $\frac{5}{8}$ ", 2451'; 5 $\frac{3}{8}$ ", 2472'.6 $\frac{5}{8}$ x 8 $\frac{1}{4}$ casing shoe.

Steel-line measurements at 1770, 2350, 2431, 3037, 3077, and 3081'.

Oil well.

	Top.	Bottom.	Thickness.
Sand	0	100	100
Slate	100	115	15
Sand	115	155	40
Coal	155	160	5
Sand	160	215	55
Slate	215	235	20
Coal	235	242	7
Slate	242	270	28
Sand	270	400	130
Slate	400	430	30
Sand	430	465	35
Coal	465	468	3
Sand	468	500	32
Lime	500	515	15
Slate	515	555	40
Sand	555	570	15
Coal	570	574	4
Sand	574	635	61
Lime	635	670	35
Coal	670	674	4
Slate	674	700	26
Sand	700	795	95
Slate	795	825	30
Coal	825	831	6
Slate	831	890	59
Lime	890	920	30
Slate	920	1028	108
Lime	1028	1065	37
Sand	1065	1092	27
Lime	1092	1100	8
Slate	1100	1120	20
Lime	1120	1165	45
Slate	1165	1182	17
Sand	1182	1215	37
Slate	1215	1245	30
Crampus Sand	1245	1435	190
Slate	1435	1500	65
Salt Sand	1500	1758	258
Slate	1758	1764	6
Lime	1764	1794	30
Slate	1794	1940	146
Red rock	1940	2015	75
Lime shell	2015	2090	75
Red rock	2090	2114	24

(OVER)

IMPERIAL COAL CO. NO. 1229 WELL (Continued).

	Top.	Bottom.	Thickness.
Lime	2114	- 2175	61
Red rock	2175	- 2195	20
Maxton Sand	2195	- 2270	75
Little Lime	2270	- 2345	75
Pencil Cave	2345	- 2350	5
Big Lime	2350	- 2575	225
Big Injun Sand	2575	- 2640	65
Slate and shell	2640	- 2745	105
Sand	2745	- 2790	45
Lime shell	2790	- 2865	75
Slate	2865	- 3027	162
Brown shale	3027	- 3037	10
Berea Sand (oil, 3067-3077'; filled up 1400' in 36 hrs.)	3037	- 3077	40
Total depth		3095	

3" tubing cut at 1450 and pulled
Bridge set- 3 sacks of cement
filled with clay to 1400

5" pulled at 1400
Filled with clay to 1,000

7" pipe cut at 900 and pulled
Bridge set at 880- 5 sacks of cement
filled with clay to 800 feet

10" cut at 400 and pulled
Bridge at 400
clay to 380
filled with cement to surface

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