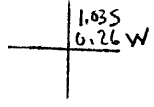


38° 10' 00"

LATITUDE

50
25
00"



LONGITUDE

LONGITUDE

Located from
Equitable Resources
Property Map of 1929

T'S OGIS topo location

7.5' loc _____ 15' loc _____
 _____ (calc.) _____

Company United Fuel Gas Co

Farm Imperial Coal Co # 1275

SECTION MAP

Quad Cedar Grove

County Kanawha

District Cabin Creek

WELL LOCATION MAP

File No. 039-70050

IMPERIAL COAL CO. NO. 1275 WELL.

Cabin Creek District, Kanawha County, W. Va.
 By United Fuel Gas Co., Charleston, W. Va.
 Drilling contractor, Cameron Drilling Co., Charleston, W. Va.
 Commenced May 23, 1922; completed Aug. 11, 1922.
 Drillers: Harry Kellar, Mark Lemons.
 10" casing, 15'; 8 $\frac{1}{4}$ " 1685' (pulled); 6 $\frac{5}{8}$ " 2399'.
 Steel-line measurements at 2399, 3033, 3078, and 3098'.
 Oil well.

	Top.	Bottom.	Thickness.
Soil	0	11	11
Sand	11	26	15
Coal	26	29	3
Lime	29	40	11
Slate	40	60	20
Coal	60	64	4
Sand	64	100	36
Lime	100	140	40
Sand	140	225	85
Coal	225	228	3
Slate	228	270	42
Lime	270	325	55
Sand	325	450	125
Coal	450	452	2
Lime	452	500	48
Slate	500	520	20
Sand	520	600	80
Coal	600	602	2
Lime	602	670	68
Sand	670	745	75
Coal	745	750	5
Sand	750	800	50
Slate	800	830	30
Sand	830	900	70
Lime	900	1025	125
Sand	1025	1070	45
Slate	1070	1100	30
Lime	1100	1145	45
Sand	1145	1245	100
Slate	1245	1255	10
Gramphus Sand	1255	1410	155
Slate	1410	1456	46
Salt Sand	1456	1685	129
Slate	1685	1689	4
Lime	1689	1699	10
Sand (1 $\frac{1}{2}$ bailers water per hour, 1705')	1699	1740	41
Slate (2 bailers water per hour, 1752')//	1740	1744	4
Lime	1744	1747	3
Sand	1747	1752	5
Lime	1752	1760	8
Slate and shells	1760	1948	188
Lime, pink	1948	1958	10
Lime	1958	1973	15
Slate and shells	1973	1988	15
Red rock	1988	2020	32
Lime	2020	2040	20
Slate and shells	2040	2090	50

(OVER)

IMPERIAL COAL CO. NO. 1275 WELL (Continued).

	Top.	Bottom.	Thickness.
Lime	2090	- 2120	30
Red rock	2120	- 2132	12
Slate and shells	2132	- 2210	78
Maxton Sand	2210	- 2285	75
Slate	2285	- 2290	5
Lime shells	2290	- 2380	90
Pencil Cave	2380	- 2385	5
Big Lime	2385	- 2560	175
Big Injun Sand	2560	- 2610	50
Slate and shells	2610	- 3025	415
Brown shale	3025	- 3033	8
Berea Sand (oil and gas, 3062-3078')	3033	- 3078	45
Total depth		3098	

2090
2100
2110
2120
2130
2140
2150
2160
2170
2180
2190
2200
2210
2220
2230
2240
2250
2260
2270
2280
2290
2300
2310
2320
2330
2340
2350
2360
2370
2380
2390
2400
2410
2420
2430
2440
2450
2460
2470
2480
2490
2500
2510
2520
2530
2540
2550
2560
2570
2580
2590
2600
2610
2620
2630
2640
2650
2660
2670
2680
2690
2700
2710
2720
2730
2740
2750
2760
2770
2780
2790
2800
2810
2820
2830
2840
2850
2860
2870
2880
2890
2900
2910
2920
2930
2940
2950
2960
2970
2980
2990
3000
3010
3020
3030
3040
3050
3060
3070
3080
3090
3100

Cabin Creek District, Kanawha County, W. Va.
 By United Fuel Gas Co., Charleston, W. Va.
 Drilling contractor, Cameron Drilling Co., Charleston, W. Va.
 Commenced May 23, 1922; completed Aug. 11, 1922.
 Driller: Harry Kellar, Mark Lemons.
 10" casing, 15'; 8 1/4", 1685' (pulled); 6 5/8", 2399'.
 Steel-line measurements at 2399, 3033, 3078, and 3098'.
 Oil well.

	Top.	Bottom,	Thickness,
Soil	0	11	11
Sand	11	26	15
Coal	26	29	3
Lime	29	40	11
Slate	40	60	20
Coal	60	64	4
Sand	64	100	36
Lime	100	140	40
Sand	140	225	85
Coal	225	228	3
Slate	228	270	42
Lime	270	325	55
Sand	325	450	125
Coal	450	452	2
Lime	452	500	48
Slate	500	520	20
Sand	520	600	80
Coal	600	602	2
Lime	602	670	68
Sand	670	745	75
Coal	745	750	5
Sand	750	800	50
Slate	800	830	30
Sand	830	900	70
Lime	900	1025	125
Sand	1025	1070	45
Slate	1070	1100	30
Lime	1100	1145	45
Sand	1145	1245	100
Slate	1245	1255	10
Crinophus Sand	1255	1410	155
Slate	1410	1456	46
Salt Sand	1456	1685	129
Slate	1685	1689	4
Lime	1689	1699	10
Sand (1 1/2 bailers water per hour, 1705')	1699	1740	41
Slate (2 bailers water per hour, 1752')//	1740	1744	4
Lime	1744	1747	3
Sand	1747	1752	5
Lime	1752	1760	8
Slate and shells	1760	1948	188
Lime, pink	1948	1958	10
Lime	1958	1973	15
Slate and shells	1973	1988	15
Red rock	1988	2020	32
Lime	2020	2040	20
Slate and shells	2040	2090	50

(OVER)

IMPERIAL COAL CO. NO. 1275 WELL (Continued).

	Top.	Bottom.	Thickness.
Lime	2090	- 2120	30
Red rock	2120	- 2132	12
Slate and shells	2132	- 2210	78
Maxton Sand	2210	- 2285	75
Slate	2285	- 2290	5
Lime shells	2290	- 2380	90
Pencil Cave	2380	- 2385	5
Big Lime	2385	- 2560	175
Big Injun Sand	2560	- 2610	50
Slate and shells	2610	- 3025	415
Brown shale	3025	- 3033	8
Berea Sand (oil and gas, 3062-3078')	3033	- 3078	45
Total depth		3098	