

38° 10' 00"

LATITUDE

+-----+
 | 0.96 S |
 | 0.88 W |
 +-----+

41° 25' 00"

LONGITUDE

LONGITUDE

7'5 OGIS topo location

7.5' 10c _____ 15' 10c _____
 _____ (calc.) _____

Company	<u>United Fuel Gas Co</u>
Farm	<u>Imperial Coal Co #1067</u>
SECTION MAP	
Quad	<u>Cedar Grove</u>
County	<u>Kanawha</u>
District	<u>Cabin Creek</u>

WELL LOCATION MAP
 File No. 039-70045

IMPERIAL GOAL CO. NO. 1067 WELL.

Cabin Creek District, Kanawha County, W. Va.
 By United Fuel Gas Co., Charleston, W. Va.
 Commenced May 19, 1920; completed Oct. 18, 1920.
 Drillers: Dennie Hill, Harley Warren.
 Packer, 6 $\frac{5}{8}$ " casing shoe.
 Steel-line measurements at 2020, 2638, and 2677'.
 120 bags sand and 60 bags cement used in cementing red rock cave.
 Oil well.

	Top.	Bottom.	Thickness.
Sand	0	- 70	70
Slate	70	- 80	10
Sand	80	- 95	15
Coal	95	- 100	5
Sand	100	- 115	15
Slate	115	- 175	60
Sand	175	- 190	15
Coal	190	- 195	5
Slate	195	- 210	15
Sand	210	- 250	40
Lime shells	250	- 275	25
Coal	275	- 279	4
Sand	279	- 320	41
Slate	320	- 355	35
Coal	355	- 361	6
Sand	361	- 406	45
Slate	406	- 500	94
Sand	500	- 560	60
Lime	560	- 600	40
Slate	600	- 645	45
Lime	645	- 695	50
Slate	695	- 775	80
Sand	775	- 800	25
Slate and shells	800	- 830	30
Sand	830	- 880	50
Gramphus Sand	880	- 1030	150
Slate	1030	- 1090	60
Salt Sand	1090	- 1235	145
Slate	1235	- 1245	10
Salt Sand	1235	- 1355	110
Slate	1355	- 1378	23
Lime shells	1378	- 1425	47
Slate cave	1425	- 1500	75
Sand	1500	- 1535	35
Red rock	1535	- 1550	15
Lime	1550	- 1590	40
Red rock	1590	- 1630	40
Slate	1630	- 1650	20
Red rock	1650	- 1680	30
Sand	1680	- 1718	38
Red rock	1718	- 1740	22
Sand	1740	- 1750	10
Lime shells	1750	- 1805	55
Maxton Sand (water at 1840')	1805	- 1887	82
Lime shells	1887	- 1925	38
Little Lime	1925	- 1948	23
Pencil Cave	1948	- 1955	7

(OVER)

IMPERIAL COAL CO. NO. 1067 WELL (Continued).

	Top.	Bottom.	Thickness.
Lime shells	1955	- 1975	20
Big Lime	1975	- 2190	215
Big Injun Sand	2190	- 2240	50
Lime shells	2240	- 2400	160
Slate	2400	- 2475	75
Lime shells	2475	- 2630	155
Brown shale	2630	- 2638	8
Berea Sand (show oil, 2654-2659')	2638	- 2668	30
Total depth		2678	

IMPERIAL COAL CO. NO. 1067 WELL.

Cabin Creek District, Kanawha County, W. Va.

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

Commenced May 19, 1920; completed Oct. 18, 1920.

Drillers: Dennie Hill, Harley Warren.

Packer, 6 $\frac{5}{8}$ " casing shoe.

Steel-line measurements at 2020, 2638, and 2677'.

120 bags sand and 60 bags cement used in cementing red rock cave.

Oil well.

	Top.	Bottom.	Thickness.
Sand	0	70	70
Slate	70	80	10
Sand	80	95	15
Coal	95	100	5
Sand	100	115	15
Slate	115	175	60
Sand	175	190	15
Coal	190	195	5
Slate	195	210	15
Sand	210	250	40
Lime shells	250	275	25
Coal	275	279	4
Sand	279	320	41
Slate	320	355	35
Coal	355	361	6
Sand	361	406	45
Slate	406	500	94
Sand	500	560	60
Lime	560	600	40
Slate	600	645	45
Lime	645	695	50
Slate	695	775	80
Sand	775	800	25
Slate and shells	800	830	30
Sand	830	880	50
Grampius Sand	880	1030	150
Slate	1030	1090	60
Salt Sand	1090	1235	145
Slate	1235	1245	10
Salt Sand	1235	1355	110
Slate	1355	1378	23
Lime shells	1378	1425	47
Slate cave	1425	1500	75
Sand	1500	1535	35
Red rock	1535	1550	15
Lime	1550	1590	40
Red rock	1590	1630	40
Slate	1630	1650	20
Red rock	1650	1680	30
Sand	1680	1718	38
Red rock	1718	1740	22
Sand	1740	1750	10
Lime shells	1750	1805	55
Marion Sand (water at 1840')	1805	1887	82
Lime shells	1887	1925	38
Little Lime	1925	1948	23
Pencil Cave	1948	1955	7

(OVER)

IMPERIAL OIL CO. NO. 1067 WELL (Continued).

	Top.	Bottom.	Thickness.
lime shells	1975	- 1975	20
Big lime	1975	- 2100	215
Big Injan Sand	2190	- 2240	50
lime shells	2240	- 2400	160
slate	2400	- 2475	75
lime shells	2475	- 2630	155
Brown shale	2630	- 2658	28
Beaver Sand (show oil, 2658-2659')	2658	- 2658	30
Total depth			2658

2659 -
2660 -
2661 -
2662 -
2663 -
2664 -
2665 -
2666 -
2667 -
2668 -
2669 -
2670 -
2671 -
2672 -
2673 -
2674 -
2675 -
2676 -
2677 -
2678 -
2679 -
2680 -
2681 -
2682 -
2683 -
2684 -
2685 -
2686 -
2687 -
2688 -
2689 -
2690 -
2691 -
2692 -
2693 -
2694 -
2695 -
2696 -
2697 -
2698 -
2699 -
2700 -
2701 -
2702 -
2703 -
2704 -
2705 -
2706 -
2707 -
2708 -
2709 -
2710 -
2711 -
2712 -
2713 -
2714 -
2715 -
2716 -
2717 -
2718 -
2719 -
2720 -
2721 -
2722 -
2723 -
2724 -
2725 -
2726 -
2727 -
2728 -
2729 -
2730 -
2731 -
2732 -
2733 -
2734 -
2735 -
2736 -
2737 -
2738 -
2739 -
2740 -
2741 -
2742 -
2743 -
2744 -
2745 -
2746 -
2747 -
2748 -
2749 -
2750 -
2751 -
2752 -
2753 -
2754 -
2755 -
2756 -
2757 -
2758 -
2759 -
2760 -
2761 -
2762 -
2763 -
2764 -
2765 -
2766 -
2767 -
2768 -
2769 -
2770 -
2771 -
2772 -
2773 -
2774 -
2775 -
2776 -
2777 -
2778 -
2779 -
2780 -
2781 -
2782 -
2783 -
2784 -
2785 -
2786 -
2787 -
2788 -
2789 -
2790 -
2791 -
2792 -
2793 -
2794 -
2795 -
2796 -
2797 -
2798 -
2799 -
2800 -
2801 -
2802 -
2803 -
2804 -
2805 -
2806 -
2807 -
2808 -
2809 -
2810 -
2811 -
2812 -
2813 -
2814 -
2815 -
2816 -
2817 -
2818 -
2819 -
2820 -
2821 -
2822 -
2823 -
2824 -
2825 -
2826 -
2827 -
2828 -
2829 -
2830 -
2831 -
2832 -
2833 -
2834 -
2835 -
2836 -
2837 -
2838 -
2839 -
2840 -
2841 -
2842 -
2843 -
2844 -
2845 -
2846 -
2847 -
2848 -
2849 -
2850 -
2851 -
2852 -
2853 -
2854 -
2855 -
2856 -
2857 -
2858 -
2859 -
2860 -
2861 -
2862 -
2863 -
2864 -
2865 -
2866 -
2867 -
2868 -
2869 -
2870 -
2871 -
2872 -
2873 -
2874 -
2875 -
2876 -
2877 -
2878 -
2879 -
2880 -
2881 -
2882 -
2883 -
2884 -
2885 -
2886 -
2887 -
2888 -
2889 -
2890 -
2891 -
2892 -
2893 -
2894 -
2895 -
2896 -
2897 -
2898 -
2899 -
2900 -
2901 -
2902 -
2903 -
2904 -
2905 -
2906 -
2907 -
2908 -
2909 -
2910 -
2911 -
2912 -
2913 -
2914 -
2915 -
2916 -
2917 -
2918 -
2919 -
2920 -
2921 -
2922 -
2923 -
2924 -
2925 -
2926 -
2927 -
2928 -
2929 -
2930 -
2931 -
2932 -
2933 -
2934 -
2935 -
2936 -
2937 -
2938 -
2939 -
2940 -
2941 -
2942 -
2943 -
2944 -
2945 -
2946 -
2947 -
2948 -
2949 -
2950 -
2951 -
2952 -
2953 -
2954 -
2955 -
2956 -
2957 -
2958 -
2959 -
2960 -
2961 -
2962 -
2963 -
2964 -
2965 -
2966 -
2967 -
2968 -
2969 -
2970 -
2971 -
2972 -
2973 -
2974 -
2975 -
2976 -
2977 -
2978 -
2979 -
2980 -
2981 -
2982 -
2983 -
2984 -
2985 -
2986 -
2987 -
2988 -
2989 -
2990 -
2991 -
2992 -
2993 -
2994 -
2995 -
2996 -
2997 -
2998 -
2999 -
3000 -