

BROADVIEW OIL CO.
Livingood No. 1.

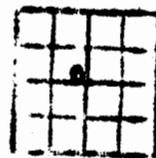
SEC. 11 T. 9 R. 16W.
SEc NW

DEEPENING RECORD.

15-163-1903

Total Depth. 3286
Comm. 6-26-38 Comp. 9-21-38
Shot or Treated.
Contractor. Clay Bros. Drilling.
Issued. 9-28-40

County Rocks.



CASING.

13" 635' 7" 3203'
lowered to 755' UR 3240'
10" 1310'
8" 2630'
UR 2790' UR 2935'

Elevation.

Production Pot. 519 B.

Figures Indicate Bottom of Formations.

collar	10	lime	1895	sand	2785
sd yellow clay	60	rod rock	1925	shale	2790
clay muddy yellow	80	lime grey	1940	lime hard	2808
shale grey muddy	105	shale grey	1950	shale grey	2814
shale grey	115	rod rock	1962	lime	2821
shale light	160	lime	1990	shale grey	2823
mud blue	350	shale grey	2000	lime	2827
dark shale muddy	560	rod rock	2025	shale grey	2835
water sand	575	lime	2055	lime	2843
10 BWPHR (fresh)		broken lime	2064	shale	2863
shale blue	635	lime	2100	lime	2868
water sand HFW	650	shale and shells	2140	shale	2895
shale grey	655	rod rock	2150	broken lime	2906
rod rock	660	lime	2162	1/2 BW PHR 2895-2906	
sd shale white	670	hole making plenty of		lime	2915
sand water quick	753	water to drill with		shale grey	2921
pyrities of iron		below 2135'		lime	2923
and sand	755	changed sand lines at		shale grey cave	2935
shale blue	770	2170'		lime	2981
sand	785	broken lime	2185	light show oil 2960 to	2965
shale blue	800	lime	2205	shale break	2984
sand	810	shale grey	2230	lime	2996
shale grey	812	rod rock	2245	shale	3001
iron	816	lime	2255	lime	3100
sand and iron	825	rod rock	2272	shale	3105
shale blue	885	lime & shale	2330	lime	3158
iron	891	lime	2345	shale blk	3163
shale grey	894	rod rock cave	2365	lime	3165
sand	905	2 1/2 BWPHR 2381-84		shale blue & red	3180
iron	910	lime	2395	lime	3196
sand	920	shale	2400	shale blue	3196
iron and shale	965	lime	2425	rod rock	3212
sand	978	shale grey	2453	lime	3229
iron	980	lime	2465	shale	3240
sand rod	1015	shale blue brown	2496	lime	3250
rod rock	1019	lime grey	2515		
sand hard	1025	shale & shells	2525	Total Depth.	
rod rock	1045	lime	2540	showing oil 3241.	
sand water rod	1050	shale	2545	oil 3241-3250	
rod rock	1145	lime	2554		
sand rod	1160	shale grey	2563	DEEPENING RECORD.	
rod rock	1298	lime shell	2566	Comm. 8-19-40 Comp. 8-20-40	
lime (anhydrite)	1344	rod rock	2575	Prod. Pot. 519 B.	
rod rock	1430	lime	2582	lime grey	3267
shale blue	1450	shale blue cave	2600	lime white	3276
rod rock	1540	cave bothering at	2600	lime wh hard	3278
shale blue	1575	lime	2604	lime grey	3286
shale grey & salt	1600	shale grey	2630	Total Depth.	
1 BWPHR 1620		lime	2640	Inc. oil in hole 200' from	
shale brown	1635	shale blue	2670	3250 to 3260	
salt	1800	lime soft	2685	Bottom of hole - Inc of oil	
shale and shells	1828	shale grey	2702	440' 1500' oil in hole.	
lime	1835	lime	2705		
shale grey & shells	1850	shale blue	2728		
shale grey	1870	lime	2731		
lime	1872	4 BW 2780			
shale	1875	shale & shells	2765		

5000 gal acid.