





FREELAND HEIRS NO. 1491 (UGO-560) WELL. No. 199 O.F.-Marion.  
(Z. K. FREELAND HEIRS)

Mannington District, Marion County, W. Va.

By The Manufacturers Light & Heat Co. and Union Gasoline & Oil Corporation, 800 Union Trust Bldg., Pittsburgh, Pa.

On 83 acres, surface owned by Z. K. Freeland et al., Mannington, W. Va., and mineral rights by Union Gasoline & Oil Corporation, Pittsburgh, Pa.

Drilled prior to June 1, 1929.

Elevation, 1222' L.

10" casing, 290'; 8 $\frac{1}{2}$ " 1490'; 6-5/8" 2257'; 5-3/16" 2617'.

Coal was encountered at 995-1003'.

Abandonment reported to Dept. of Mines Oct. 15, 1932.

MAR-72-A

	Top.	Bottom.	Thickness.
Pittsburgh Coal	995	- 1003	8
Big Dunkard Sand	1462	- 1580	118
Big Lime	2230	- 2304	74
Big Injun Sand	2304	- 2461	157
50-Ft. Sand	2977	- 2997	20
30-Ft. Sand	3027	- 3054	27
Gordon Sand	3034	- 3038	4
Campbells Run Sand	3155	- 3177	22
Gordon Sand	3234	- 3241	7
4th Sand	3243	- 3265	22
Total depth			3270