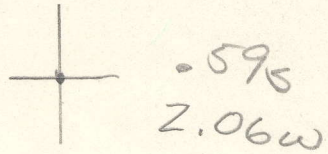


LATITUDE 39 35



LONGITUDE 80 25

7'5 OGIS topo location

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

Company _____

Farm J L HAMILTON 365

Quad GLOVER GAP

County MARION

District MANNINGTON

WELL LOCATION MAP

File No. 30106

of the
 Hope Construction & Refining Co., & Hope Natural Gas Co.
 James Campbell, E.L. Cole & J.L. Hamilton
 Mannington District Marion
 Clarkburg, W. Va., on the
 Farm consisting of Acres
 County, W. Va.

Campbell	100±
Cole	93±
Hamilton	126±
"	35±



Mar-106

Well No 1506 - 4-9-34.

"	354	} Abd 3-14-35
"	355	
"	356	
"	366	
"	367	

ENGINEERS CERTIFICATE

I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the mining laws of West Virginia.

Mannington District, Marion County, W. Va.

By Hope Construction & Refining Co., 445 W. Main St.,
Clarksburg, W. Va.

On 126 acres, surface owned by J. L. Hamilton Heirs, Alice M.
Hamilton, Route 6, Mannington, W. Va.

Elevation, 1121' L.

13" casing, 144'; 10", 1433'; 8 1/2", 1983'; 6-5/8", 2176';
2" tubing, 2320'.

Coal was encountered at 440-446 and 945-953'.

Abandonment reported to Dept. of Mines March 18, 1935.

Well was shot at 2306-2316'.

Salt water at 1743 and 1900'.

Oilwell.

MAR-106-A

	Top.	Bottom.	Thickness.
Native coal	440	- 446	6
Pittsburgh Coal	945	- 953	8
Little Dunkard Sand	1275	- 1400	125
Big Dunkard Sand	1430	- 1490	60
Gas Sand	1595	- 1650	55
First Salt Sand (water, 1743')	1740	- 1775	35
Second Salt Sand	1840	- 1908	68
Third Salt Sand	1945	- 1980	35
Maxton Sand (gas, 2095, 2103, 2106, and 2110')	2087	- 2112	25
Little Lime	2125	- 2156	31
Pencil Cave	2156	- 2160	4
Big Lime	2160	- 2225	65
Big Injun Sand (oil, 2309-2313')	2225		
Total depth			2320