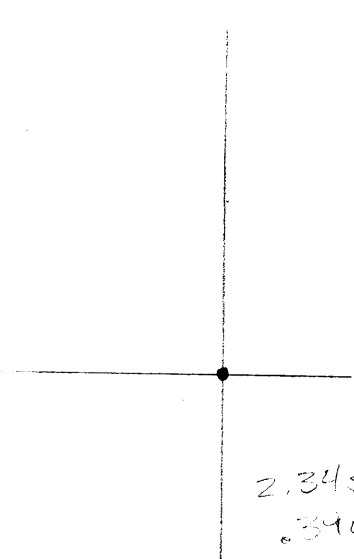


39 35

LATITUDE 39 35

LONGITUDE 80 25  
80 25



7'5 OGIS topo location

7.5' loc	<u>2.34S</u>	15' loc	_____
	<u>.39W</u>	(calc.)	_____

Company \_\_\_\_\_ A J Hayes 8

Farm A J HAYES 8

Quad GLOVER GAP

County MARION

District MANNINGTON

WELL LOCATION MAP

File No. 70151

448 MMT Coley

Hannington District, Marion County, W. Va.  
By Helmer Oil Co.  
1.1 mi. N. E. of Lyner.  
Elevation, 1300' B.

	Thickness.	Total.
Coal, native, (Washington)	510 -	510
Unrecorded	10 -	520
Coal, Hoptown (Sewickley)	390 -	910
Unrecorded	7 -	917
Coal, Pittsburgh	90 -	1007
Unrecorded	9 -	1016
Murphy Sand	191 -	1207
Unrecorded	20 -	1227
Little Dunkard Sand	180 -	1407
Unrecorded	20 -	1427
Big Dunkard Sand	90 -	1517
Unrecorded	30 -	1547
Gas Sand	160 -	1707
Unrecorded	50 -	1757
Salt Sand	25 -	1782
Unrecorded	298 -	2080
Maxton Sand	77 -	2157
Unrecorded	30 -	2187
Little Line	33 -	2220
Pencil Cove	23 -	2243
Big Line	10 -	2253
Big Injun Sand	90 -	2343
Unrecorded	111 -	2454
Boron Sand	3564 -	2810
Unrecorded	45 -	2855
Fifty-foot Sand	75 -	2930
Unrecorded	55 -	2985
Sand	15 -	3000
Unrecorded	15 -	3015
Thirty-foot Sand	5 -	3020
Unrecorded to bottom (oil, 3026')	4 -	3024
	13 -	3037