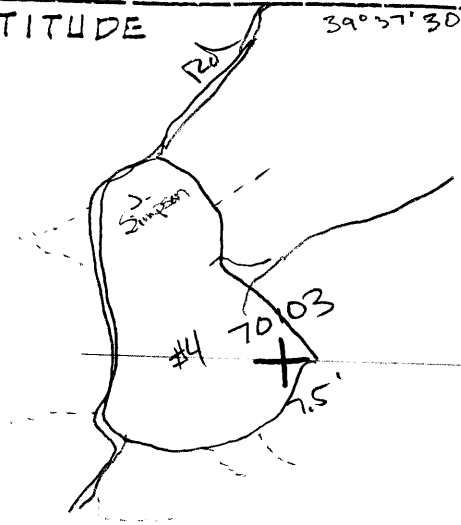


LATITUDE

39° 37' 30"



80° 17' 30"

LONGITUDE

7.5 OGIS topo location

7.5' loc	<u>0.715</u>	15' loc	<u>3.595</u>
	<u>0.580</u>	(calc.)	<u>2.800</u>

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Mannington EC

County Monongalia

District Clay

WELL LOCATION MAP

File No. 061-70103

70103

Battelle District, Monongalia County, W. Va.

By Hartman Oil Co.

Flat Run pool.

10" casing, 296'; 8 1/2", 1685'; 6-5/8", 2433'; 5-3/16", 2648'.

	Top.	Bottom.
Pittsburgh Coal	1155	
Dunkard Sand	1685	- 1700
Gas Sand	1740	- 1764
Salt Sand	2040	- 2070
Big Injun Sand	2450	- 2645
Gantz Sand	3000	- 3010
50-Ft. Sand (gas at 3055')	3045	- 3150
30-Ft. Sand	3262	- 3275
Stray Sand	3340	- 3370
Gordon Sand (oil, 3375')(good sand, 3374-3378')	3371	