

LATITUDE 39° 37' 30"

25'

80° 07' 30"

LONGITUDE

7'5 OGIS topo location

7.5' loc	<u>0.60S</u>	15' loc	<u>3.48S</u>
	<u>0.29W</u>	(calc.)	<u>2.51W</u>

Company _____

Farm _____

Quad Grant Town (Bulle C)

County Monongahela

District Clay

WELL LOCATION MAP

File No. 061-70079

70079

Clay District, Monongalia County, W. Va.
By Union Utilities Co.

0.2 mi. S. of Hagens. 5-3/16" casing, 1683'.
Elevation, 1015' B.

	Top.	Bottom.	Thickness.
Conductor	0	14	14
Lime	14	26	12
Slate and shale	26	51	25
Lime	51	60	9
Slate	60	88	28
Lime	88	96	8
Slate and shale	96	123	27
Lime	123	134	11
Slate	134	162	28
Limy sand	162	182	20
Slate	182	218	36
Lime	218	227	9
Slate	227	254	27
Lime	254	261	7
Slate	261	282	21
Mapletown (Upper Sewickley) Coal	282	286	4
Slate	286	291	5
Lime	291	299	8
Slate and shale	299	329	30
Lime	329	339	10
Redstone (Lower Sewickley) Coal	339	341	2
Slate	341	347	6
Lime	347	359	12
Slate	359	368	9
Lime	368	382	14
Slate	382	393	11
Lime	393	406	13
Slate	406	412	6
Pittsburgh Coal	412	419	7
Slate	419	439	20
Sand	439	455	16
Slate and shale	455	497	42
Sand	497	527	30
Slate and shale	527	597	70
Lime shale	597	605	8
Slate and shale	605	685	80
Red rock	685	720	35
slate	720	747	27
Sand	747	777	30
Red rock	777	829	52
Slate	829	906	77
Sand	906	926	20
Slate and shale	926	997	71
Big Injun Sand	997	1033	36
Slate	1033	1087	54
Sandy shales	1087	1109	22
Slate and shales	1109	1167	58
sand	1167	1202	35
Slate	1202	1217	15
Sand	1217	1251	34
Slate	1251	1286	35
Salt Sand	1286	1314	28

(OVER)

M. A. MILLER NO. 2 WELL (Continued).

	Top.	Bottom.	Thickness.
Slate	1314	- 1334	20
Sand	1334	- 1499	165
Slate	1499	- 1524	25
Limy sand	1524	- 1559	35
Slate	1559	- 1583	24
Lime	1583	- 1594	11
Slate	1594	- 1600	6
Big Lime	1600	- 1670	70
Big Injan Sand (first pay, 1757')	1670	- 1810	140
Unrecorded, to bottom	1810	- 1854	44