

39° 42' 30"

Latitude 0.005
1.44w

80° 35' 00"

Longitude

Topo Location

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

Company ? (Hope)
Farm W H Murphy #1
15' Quad _____
(sec.)
7.5' Quad Littleton
District Center

WELL LOCATION PLAT

County 103 Permit 70212

70212

Center District, Wetzel County, W. Va.

By
 Near Silver Hill.

Elevation, 1140' ±.
 6-5/8" casing, 217'. Filled up hole 205'. Put 41' 5" anchor
 on packer set at 2157' ±. Top of packer, 11' below bottom
 of 6-5/8" casing.

	Top.	Bottom.	Thickness.
Surface	0	3	3
Lime, very hard	3	23	20
Red rock	23	33	10
Sandrock, hard	33	47	14
Lime rock, hard	47	57	10
White slate	57	67	10
Lime, white	67	82	15
Sand, hard	82	97	15
Red rock	97	122	25
Lime, sandy	122	157	35
Red rock	157	172	15
Lime, white, hard	172	187	15
Slate, white	187	202	15
Red rock	202	217	15
Lime	217	232	15
Slate, white	232	247	15
Red rock	247	262	15
Lime, hard	262	277	15
Slate, white	277	292	15
Coal	292	297	5
Slate, white	297	312	15
Lime, hard	312	327	15
Red rock	327	342	15
Lime, broken	342	357	15
Slate, dark	357	372	15
Lime, white, hard	372	387	15
Red rock	387	402	15
Lime, dark	402	417	15
Slate, black	417	432	15
Lime, dark	432	447	15
Slate, white	447	462	15
Sand, white	462	477	15
Coal, Pigeonburg	477	482	5
Slate	482	497	15
Lime	497	512	15
Slate, white	512	527	15
Lime	527	542	15
Slate, white	542	557	15
Lime, very hard	557	572	15
Red rock	572	587	15
Slate, white	587	602	15
Lime, very hard	602	617	15
Slate, black	617	632	15
Coal, Hoptown (Swickley) (SM)	632	637	5
Lime, very hard	637	652	15
Slate, white	652	667	15
Lime	667	682	15
Slate	682	697	15

	Top	Bottom	Thickness
Coal, Pittsburgh (SEA)	1015	1022	7
Lime, hard	1022	1023	1
Slate, black	1023	1028	5
Slime	1028	1033	5
Slate, white to gray	1033	1038	5
Sand, white, hard	1038	1043	5
Slate, black	1043	1048	5
Red rock	1048	1053	5
Slate, white	1053	1058	5
Lime	1058	1063	5
Sand, white, hard (Murphy)	1063	1068	5
Slate, white	1068	1073	5
Red rock	1073	1078	5
Lime, hard	1078	1083	5
Slate, white	1083	1088	5
Red rock	1088	1093	5
Sand, hard (Little Duckard)	1093	1098	5
Slate, white	1098	1103	5
Sand, hard (Little Duckard)	1103	1108	5
Slate, black	1108	1113	5
Slate, white	1113	1118	5
Sand, hard (Big Duckard)	1118	1123	5
Slate, white	1123	1128	5
Sand (Lower Freeport?) (Makening?)	1128	1133	5
Slate, white	1133	1138	5
Sand, hard (Big Duckard?)	1138	1143	5
Slate, black	1143	1148	5
Slate, white	1148	1153	5
Sand, (gray), hard (Upper Sea)	1153	1158	5
Slate	1158	1163	5
Sand, hard (Upper Sea)	1163	1168	5
Slate, black	1168	1173	5
Sand (Upper Sea)	1173	1178	5
Slate, black	1178	1183	5
Lime, heavy (2 Salt) (2 Sea Sea)	1183	1188	5
Slate, white	1188	1193	5
Slate, black	1193	1198	5
Sand (West Salt Sea) (2 Salt), hard	1198	1203	5
Slate, white	1203	1208	5
Lime - old	1208	1213	5
Slate, white	1213	1218	5
Slate, black	1218	1223	5
Sand (Upper)	1223	1228	5
Slate, black	1228	1233	5
Sand, (Upper) (GAT show, HRS: SEM, HRS)	1233	1238	5
Sand (Big Sea) (SEM at 217')	1238	1243	5
Big Salt Sand (sem at 220')	1243	1248	5
Slate, old	1248	1253	5
Sand, hard (Big Sea)	1253	1258	5
Sand, (Upper) (Big Sea)	1258	1263	5
Sand, hard (Big Sea)	1263	1268	5
Slate, black (MIL) (yellowish) hard	1268	1273	5
Lime, hard	1273	1278	5
Slate, white	1278	1283	5
Lime shells and white slate	1283	1288	5

(CONTINUED ON NEXT PAGE)

	Top.	Bottom.	Thickness.
Sand	2575	- 2592	17
Slate, white	2592	- 2751	159
Sand and slate, broken	2751	- 2790	39
Slate, white	2790	- 2805	15
Sand, hard	2805	- 2815	10
Slate	2815	- 2825	10
Sand, hard	2825	- 2830	5
Slate, white	2830	- 2836	6
Sand	2836	- 2850	14
Red rock	2850	- 2856	6
Slate, black	2856	- 2902	46
Red rock	2902	- 2937	35
Slate, black	2937	- 2960	23
Sand	2960	- 2970	10
Slate, white	2970	- 2990	20
Sand, hard	2990	- 2995	5
Slate, white	2995	- 3005	10
Sand, hard	3005	- 3010	5
Slate, white	3010	- 3025	15
Green shaly sand, hard	3025	- 3045	20
Slate, black	3045	- 3055	10
Green sand, hard	3055	- 3070	15
Slate, black	3070	- 3080	10
Fourth sand (oil show at 3097')	3080	- 3100	20
Slate, black	3100	- 3105	5
Sand, hard	3105	- 3107	2
Slate, black, to bottom	3107	- 3133	26

(Stopped drilling June 16, 1914)