

KAN-219

Malden District, Kanawha County, W. Va.
 By Godfrey L. Cabot, Inc., Charleston, W. Va.
 Drilling commenced May 18, 1936; drilling completed, Aug. 20, 1936.
 Elevation, 1039.58' L.
 13" casing, 47'; 10", 480'; 8 1/4", 1623'; 6-5/8", 4323'; 1 1/4", 4928'.
 Initial open flow, 2/10 W. in 1" = 16,848 cu. ft.
 Shot August 24, 1936, with 40 qts.
 Open flow after shot, 10/10 Hg. in 2" = 554 M.
 24-hr. Rock Pressure, 1210 lbs.
 Record from C. Brewer, Jr., Geologist for Company, Oct. 7, 1936.

0 - 57	Surface	4672 - 4687	White slate
57 - 170	Sand	4687 - 4788	Black shale
170 - 285	slate	4788 - 4890	Corniferous Lime
285 - 287	Coal (hole full fresh water at 286')		(SIM at 4822')
287 - 315	Slate	4890 - 4906	Oriskany Sand (gas at 4898'; 3/10 water
315 - 335	Sand		18 in 1") (gas, 4900';
335 - 375	Slate		21 in 4/10 water in 1")
375 - 410	Sand	4906 - 4930	Helderberg Lime
410 - 454	Slate	4930	Total depth (SIM)
454 - 520	Sand (SIM at 480')		
520 - 534	slate		
534 - 574	Sand		
574 - 650	slate		
650 - 850	Sand (1 bailer salt water per hour at 655'; hole full salt water at 730')		
850 - 856	Slate		
856 - 865	Lime		
865 - 1020	Sand		
1020 - 1040	Lime		
1040 - 1190	slate		
1190 - 1245	Sand		
1245 - 1268	Lime		
1268 - 1270	slate		
1270 - 1293	Lime		
1293 - 1345	Marion Sand		
1345 - 1375	Lime		
1375 - 1405	slate		
1405 - 1580	Big Lime		
1580 - 1613	Big Injun Sand		
1613 - 1623	slate		
1623 - 1630	Lime (SIM at 1623'; gas at 1624'; 6/10 water in 2")		
1630 - 2013	slate and shells		
2013 - 2020	Shale		
2020 - 3160	slate and shells		
3160 - 3360	Shale		
3360 - 3530	slate		
3530 - 3890	Shale		
3890 - 4040	slate and shells		
4040 - 4069	Brown shale		
4069 - 4380	slate		
4380 - 4672	Brown shale		

4.1 5 30° 20'
 2.12 W. 81° 30'