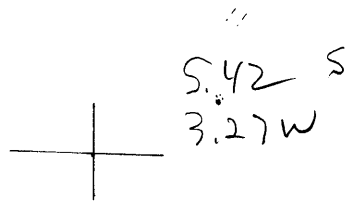


LATITUDE 37° 5'

LONGITUDE 82° 20'



7.5 OGIS topo. location

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

Company United Fuel Gas

Farm Dangerfield Heirs

Quad _____

County Mingo

District Warfield

WELL LOCATION MAP

File No. 059-70014

144 in 1914 WVGES
Mingo County Report

page 324 in
 Deep Weel
 Report
 #144
 in co RPT

.....District, Mingo County, W. Va.
 Warfield Tract.
 United Fuel Gas Co.
 Rig commenced July 6, 1904.
 Drilling commenced Oct. 6, 1904 and completed Dec. 9, 1904.
 Contractors, Wolf and Morrison.
 Drillers, Preston and Osborne.
 Rig location made by McCarthy and Horn.

	Top.	Bottom.
Drift	0	30
Quicksand (water at 56'; 3 bailers per hr.)	30	68
White sand (water at 100'; hole full)	68	108
Slate and shells	108	563
Salt Sand (water at 675'; enough to drill with) (gas at 662'; blew out)	563	880
Slate	880	900
Lime	900	921
Red rock	921	936
Slate (gas reported at 662'; blew out) (gas reported opposite 963'; possibly was at 962' instead of 662') ??	936	963
Red rock	963	985
Lime	985	1008
Red rock	1008	1028
Red rock and slate	1028	1036
Lime	1036	1047
Red rock	1047	1087
Lime	1087	1104
Slate	1104	1110
Lime	1110	1126
Slate	1126	1134
Red rock and shells	1134	1154
Shells	1154	1184
Slate	1184	1188
Big Lime (gas at 1300'; good volume)	1188	1365
Slate and shells	1365	1429
Blue slate	1429	1900
Blue slate and shells	1900	1928
Red rock, rusty	1928	1984
Black slate	1984	1991
(STOPPED DRILLING FIRST TIME)		
Black shale	1991	2054
Shells	2054	2080
White slate	2080	2250
Brown shale	2250	2410
Black slate	2410	2481
Soft brown slate	2481	2485
Shells	2485	2492
Black slate	2492	2685
Shells	2685	2730
Soft black slate	2730	2776
Light shale	2776	2814
Black shale	2814	2861
Light shale, to bottom	2861	3035