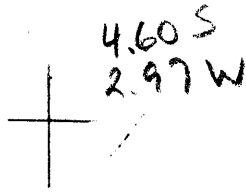


LATITUDE 38° 20'

LONGITUDE 81° 30'



7'5 OGIS topo location

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

Company _____

Farm J. Q. Dickenson

Quad PeytonA 15'

County Kanawha

District Malden

WELL LOCATION MAP

File No. 40639 70671

672 in

Kanawha County

Report

Date _____
 To DOROTHY QUAD

WEST VIRGINIA GEOLOGICAL SURVEY.

397

On Fivemile creek of Campbell creek, the South Penn Oil Company drilled a well on the property of the Blue Creek Coal and Land Company, the record of which is as follows.

Blue Creek Coal and Land Company No. 3 Well Record (666).

Located in Malden district on Fivemile Fork of Campbell creek, 1 mile northeast of Fivemile station. Authority, South Penn Oil Company. Completed August 12, 1912. Elevation, 666' L.

	Thickness Feet.	Total Feet.
Conductor	0	0
Mud. slate and shells.....	320	320
Sand	60	380
Slate, lime and shells.....	125	505
Salt sand.....	640	1145
Red rock.....	55	1200
Maxton sand.....	22	1222
Slate	19	1241
Little Lime.....	29	1270
Pencil Cave.....	30	1300
Big Lime, gas 1361'.....	150	1450
Slate and shells.....	96	1546
Squaw sand, gas 1554'.....	20	1566
Slate and shells to bottom.....	552	2118

Gas at 1361'; gas, 1554'; well plugged and casing pulled;
 10" casing, 41'; 8 1/4" casing, 43'; 6 5/8" casing, 1308'.

On Kanawha river, south of Malden, near the crest of the Warfield anticline, several gas wells have been drilled. The following record shows the succession of the strata in this portion of Malden district.

John Q. Dickinson No. 1 (Burning Springs) Well Record (671).

Located in Malden district 3/4 mile south of Washington Springs. Authority, William Seymour Edwards. Elevation 660' A. T. B.

	Thickness Feet.	Total Feet.
Conductor	53	53
Sand	100	153
Slate	8	161
Sand, smell oil.....	40	201
Slate	23	224
Sand	176	400
Coal, possibly Sewell horizon.....	6	406
First Salt sand.....	200	606
Slate	10	}
Sand	50	
Slate	40	

039 70671

	Thickness Feet.	Total Feet.
Second Salt sand.....	255	961
Slate	2	963
Sand, white.....	50	1013
Sand, blue.....	50	1063
Big Lime.....	300	1363
Red rock.....	50	1413
Sand, coarse, Big Injun.....	187	1600
Sand, Squaw.....	252	1852
Black slate.....	75	1927
Blue slate.....	423	2350
Shelly and "greasy" to bottom.....	100	2450

This well begins about 40 feet under the No. 2 Gas coal, so the coal encountered at 400 feet is possibly the Sewell bed. No Berea sand was found in the well.

Tompkins No. 1 Well Record (674).

Located in Malden district on Burning Spring branch of Kanawha river, $\frac{1}{2}$ mile northeast of Washington Spring. Authority, C. T. Meyers. Completed, August, 1912. Elevation 760' A. T. B.

	Thickness Feet.	Total Feet.
Drift	64	64
Lime	10	74
Sand	92	166
Slate and lime.....	74	240
Slate	35	275
Sand	195	470
Slate and lime.....	30	500
Sand	205	705
Black shale and coal.....	5	710
Lime	5	715
Sand	269	984
Slate and lime.....	8	992
Lime	34	1026
Slate	5	1031
Big Lime.....	122	1153
Sand, Big Injun.....	27	1180
Lime	46	1226
Red Lime.....	44	1270
Slate, lime and shells to bottom.....	1142	2412

Dry hole; well abandoned.

The well is located 1.3 miles north of the Warfield anticline, and the Big Injun sand appears to be broken up at this point.