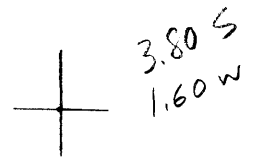


LATITUDE 37° 55'



LONGITUDE 82° 20'

7'5 OGIS topo location

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

Company United Fuel

Farm James Brewer 470

Quad _____

County Mingo

District Warfield

WELL LOCATION MAP

File No. 059-70047

#120 in 1914 WUGES

Mingo County Report

05970047

James Brewer No. 470 Well Record (120).

Warfield District; on Buck Branch, 0.8 mile southwest of Spaulding; authority, United Fuel Gas Co.; completed, January 6, 1913; elevation, 850' B.

	Thickness Feet.	Total Feet.
Unrecorded	115	115
Coal, Alma	5	120
Unrecorded	115	235
Sand	165	400
Sand	240	640
Sand	120	760
Slate and shells	95	855
Sand	65	920
Slate and shells	140	1060
Lime shells	50	1110
Red rock	70	1180
White slate	20	1200
Red rock	35	1235
White slate	15	1250
Pencil Cave	10	1260
Shells	32	1292
Big Lime	258	1550
Big injun Sand	18	1568
Unrecorded	22	1590
Slate and shells	90	1680
White slate	200	1880
Lime shells	40	1920
Black slate	80	2000
Shells	60	2060
Black slate	20	2080
Berea Grit	105	2185
Black slate	85	2270
Slate and shells	40	2310
White slate	70	2380
Slate and shells	140	2520
Black slate	205	2725
Slate	100	2825
Shells	5	2830
Slate	160	2990
Shells	10	3000
Black shale	25	3025
Lime shells	5	3030
Slate	45	3075
Black slate	15	3090
White slate	110	3200
Lime shells	5	3205
Slate	20	3225
Black slate to bottom	20	3245

"All casing pulled except 10"; tried to plug hole; could not get gas shut off and had to tube with 3" casing and close well in; 67,000 cu. ft. daily."

The M. H. Waldron Well (121 on Map II), located 1/4 mile up Buck Branch of Marrowbone Creek and 2 1/2 miles northeast

2526
470
2090