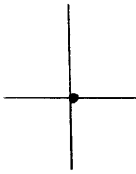


15'
34s
369w



LATITUDE 38°05' (15')

LONGITUDE 81°45'18"

LONGITUDE

7.5 OGIS topo location

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

31 on 1915 Boone Co. Plat map II

Company Shields Oil Co

Farm J M Hopkins I

Quad

County

District Scott

WELL LOCATION MAP

File No. 005-70035

J. M. Hopkins No. 1 Well Record (31).

005-70035

Scott District, 1.0 mile east from Danville on Hopkins Branch of Little Coal River; authority, Shields Oil Co.; completed, April 5, 1913; elevation, 720' B.

	Thickness Total	
	Feet.	Feet.
Clay	12	12
Sand	100	112
Lime	38	150
Sand	40	190
Slate	5	195
Sand	85	280
Slate	10	290
Sand	50	350
Slate	100	450
Sand	200	650
Slate, black.....	3	653
Sand	47	700
Slate	15	715
Lime	10	725
Slate, black.....	1	726
Sand	44	770
Slate	10	780
Red rock.....	10	790
Slate	30	820
Sand	30	850
Slate	50	900
Lime, black..... 50' } Big Lime.....	260	1160
Lime, white..... 210 }		
Sand, red, Big Injun.....	60	1220
Slate	419	1639
Slate, brown.....	15	1654
Sand, Berea, to bottom.....	20	1674

Casing, 10", 140'; 8", 740'; 6½", 973'; hole full of water at 30'; water at 165', 190', 250' and 275'; gas at 800', 1065' and 1664'; gas well.

The J. M. Hopkins No. 2 Well (32) is located on Hopkins Branch. This well is also a gas well and is situated 1.2 miles west of the crest of the Warfield Anticline, as determined on the Structural Map with the Campbell Creek (No. 2 Gas) Coal as a base; but the top of the line indicates that the anticline based on the Big Lime will pass close to the location of this well.