



MBD
4/47
2.38 W
4.17 S
1 SC (J-5)

7.5' OGIS Loc ^{sd} 15'
38° 27' 30" 1.175 4.055
81° 32' 30" .02W 2.28W

Revised Location Vol. 326

Company	United Fuel Gas Co	
Address	Charleston, W. Va.	
Farm	W. C. McKee, Gdn, et al	
Tract	Acres 61	Lease No. 38411
Well (Farm) No. 1	Serial No. 4688	
Elevation (Spirit Level)	1050.19'	
Quadrangle	Charleston	NE
County	Kanawha	District Elk
Engineer	G. A. Cunningham	
Engineer's Registration No.	659	
File No.	66-65	Drawing No.
Date	3-23-37	Scale 1" = 660'

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
Charleston

WELL LOCATION MAP

File No. 1KAN-281

✦ Denotes location of well on U. S. Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-281

Gas Well

Charleston Quad. - *NE*

CASING & TUBING

Company	United Fuel Gas Co.	10	453	453
Address	Charleston, W.Va.	8½	1835	1835
Farm	W.C.McKee Acres 61	7	5045	5045
Location	Bens Fork of Coopers Creek	2	5230	5230
Well No.	4688 Elev. 1020.19			
District	Elk County Kanawha			
Surface	W.C.McKee, Gdn. et al, Charleston, W.Va.			
Mineral	Same			
Drilling	Commenced April 22, 1937			Casing cemented:
	Completed Oct. 5, 1937			5045' of 7" O.D. - Sept. 28, 1937.
Date Shot	Oct. 6, 1937			
Volume	1,268,000 Cu.Ft.			
Rock Press.	475# 1 hrs.			

Formation	Color	Hor #	Top	Base	Result	Formation	Color	Hor #	Top	Base	Result
Red Rock			0	50							
Slate	Blue		50	90							
Red Rock			90	120							
Sand			120	140							
Slate	Blue		140	175							
Red Rock			175	200							
Slate&Shell	Blue		200	335							
Lime			335	350							
Slate			350	360							
Sand			360	380							
Slate			380	450							
Sand			450	473							
Slate	Black		473	478							
Slate	White		478	500							
Sand			500	701							
Slate&Shell			701	750							
Sand			750	810							
Slate			810	820							
Sand			820	865							
Slate			865	1005							
Sand			1005	1030							
Slate			1030	1115							
Salt Sand			1115	1335							
Break			1335	1338							
Salt Sand			1338	1620							
L.Lime			1620	1644							
Break			1644	1647							
Lime Shell			1647	1657							
Pencil Cave			1657	1660							
B.Lime			1660	1830							
Keener Sand			1830	1837							
Big Injun S.			1837	1871							
Lime Shell			1871	1908							
Slate & Shell			1908	2000							
Slate	White		2000	2045							
Lime Shell			2045	2060							
Slate & Shell			2060	3960							
Shale	Brown		3960	3975							
Slate & Shell			3975	4720							
Shale	Brown		4720	4845							
Slate & Shell			4845	4935							
Shale	Black		4935	5028							
Corniferous Lime			5028	5140	Gas						
Oriskany Sand			5140	5186	5144						
Sandy Lime			5186	5195	Gas						
TOTAL DEPTH				5195	5158						
					5165-	Gas					