



Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm MOHLER LUMBER CO.
 Tract Acres 3000 Lease No. 21793
 Well (Farm) No. 6 Serial No. 4641
 Quadrangle MADISON ne Sullivan
 County BOONE
 District SCOTT
 Engineer G.A. Cunningham
 Engineer's Registration No. 659
 File No. 50-47 Drawing No. _____
 Date MAY 14, 1936 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. B 0 0 - 3 3 2
322

+ Denotes location of well on United States 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.

Permit No. Boo-322

Gas Well

Madison Quad. *NE*

Company - United Fuel Gas Company
 Address - Charleston, West Va.
 Farm - Mehler Lumber Company, Acres-3000
 Location - Dicks Creek
 Well No. - 4641. Elev. 1215
 District - Scott, County- Boone
 Surface & Mineral - Mehler Lumber Company
 Drilling - Commenced- 10-21-36
 Completed- 2-13-37
 Date Shot - 2-13-37. Depth- 3097
 Open Flow - after shot 3/10ths Merc. in 2"
 Volume - 320,000 cu. ft. *Barrett Sh. gas.*
 Rock Press. - 290 lbs. 48 hrs.
 Oil -
 Fresh Water - 170 feet 265 feet
 Salt Water - 935 feet 1157 feet

CASING & TUBING

8 1/2 725' 9"
 6-5/8 1781' 9"
 3 2471

PACKING

Kind - Hook Wall
 Size - 3x3-5/8
 Depth- 2451
 Perf. Top- None

Coal was encountered at 265' 24"; 508' 36";
 578' 36"

4.98 S. 38° 15'
4.04 W. 81° 45'
1 SW (K-4)

Formation Color ^{Hor} Top Bottom Result				Formation Color ^{Hor} Top Bottom Result			
Sand		0	103	Broken Line		3300	3370
Slate		103	105	Slate		3370	3395
Line Shells		105	150	Line Shells		3395	3415
Slate		150	200	Water 170'	(Gas 3410-3415)		
Sand		200	265	Water 265'			
Coal		265	267				
Sand		267	300	Slate		3415	3435
Slate		300	335	Line		3435	3470
Sand		335	425	Slate & Shells		3470	3550
Slate		425	430	Line		3550	3620
Sand		430	508	Brown Shale - <i>441</i>		3620	3635
Coal		508	511	Line		3635	3775
Slate & Shells		511	562	Brown Shale		3775	3798
Sand		562	650	Line Shell		3798	3815
Slate		650	678	White Slate		3815	3825
Coal		678	681	Line Shell		3825	3845
Slate & Shells		681	755		(Gas 3830-3838)		
Sand		755	844	Slate		3845	3862
Slate		844	870	Shell		3862	3870
Salt Sand		870	1254	Water 935'			
Break in Salt Sand		1254	1350	Water 1157'			
White Salt Sand		1350	1400				
Broken Salt Sand		1400	1585	Brown Shale		3870	4078
Red Rock		1585	1592		(Gas 3960-3976)		
Slate & Shells		1592	1640	White Slate		4078	4414
Red Rock		1640	1650	Brown Shale		4414	4450
Slate & Shells		1650	1673	White Slate		4450	4485
Maxon		1673	1695	Brown Shale		4485	4569
Slate		1695	1705	Black Shale		4569	4635
Little Line		1705	1732		(Gas 4569-4573)		
Slate <i>P. Core</i>		1732	1734	Brown Shale		4635	4678
Big Line		1734	1958	Black Shale - <i>MARCELLUS?</i>		4678	4721
Hijun		1958	1993	Corniferous Linc		4734	
Slate & Shells		1993	2302				
Line Shell		2302	2322	Total Depth		4740'	<u>461</u>
Slate & Shells		2322	2358				
Line Shell		2358	2376	Slate			
Slate		2376	2390				
Line Shell		2390	2407				
Slate		2407	2417				
Brown Shale		2417	2435				
Berea Sand		2435	2455	Gas 2440-2445			
Slate		2455	2457	Gas 2445-2449			
Line Shell		2457	2477				
Slate & Shells		2477	2775				
Slate		2775	2790				
Slate & Shells		2790	3210				
Linc		3210	3260				
Slate & shells		3260	3300				