



New Location
 Drill Deeper
 Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm J. L. DICKINSON
 Tract _____ Acres 598 Lease No. 25661
 Well (Farm) No. _____ Serial No. 9145
 Elevation (Spirit Level) 1592.61'
 Quadrangle BALD KNOB NE
 County RALEIGH District MARSH FORK
 Engineer Seibert R. Jewell
 Engineer's Registration No. 2529
 File No. 66-31 Drawing No. _____
 Date 2-13-62 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. RAL-257

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 19

Quadrangle Bald Knob

Permit No. RAL-257

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P. O. Box 1273 Charleston 25, W. Va.
Farm J. L. DICKINSON Acres 598
Location (waters) Marsh Fork
Well No. 9145 Elev. 1592.61'
District Marsh Fork County Raleigh
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Southern Land Company
1401 Kanawha Valley Bldg. Charleston, W. Va.
Drilling commenced 7-6-62
Drilling completed 9-21-62
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 2,768 M - Weir _____ Cu. Ft.
Rock Pressure 515 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
18 <u>3/8</u>		<u>19'</u>	
10 <u>3/4</u>		<u>933</u>	Size of _____
8 <u>5/8</u>		<u>1898</u>	
6 <u>5/8</u>			Depth set _____
5 <u>3/16</u>			
<u>4 1/2"</u>	<u>Cemented</u>	<u>3306'</u>	Perf. top _____
<u>2</u>			Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 10 FEET 36 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water V 450' 1575' Feet 1700' Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	10	Water 450'		1/2 gailer per hour
Coal			10	13			
Sand			13	35	Water 1575'		
Slate			35	64			
Sand			64	130			Hole full water 1700'
Slate			130	196			
Sand			196	300	Water sand	1761	
Slate			300	365			
Sand			365	385	Show gas	3055'	
Slate			385	460			
Sand			460	530	Gas 3061'	16/10 W 1/2"	33 M
Slate			530	545	Gas 3066'	10/10 W 8"	2,186 M
Sand			545	719	Test 3068'	18/10 Merc. 3"	1,485 M
Slate & Shells			719	760	Test 3070'	8/10 Merc. 3"	989 M
Sand			760	784	Gas 3079'	9/10 Merc. 3"	1,050 M
Slate & Shells			784	1020	Test 3100'	4/10 Merc. 3"	700 M
Sand			1020	1312	Test 3145'	10/10 Merc. 2"	492 M
Slate			1312	1330			
Sand			1330	1350	Perforated 4 1/2"		casing at 3070-3082'
Slate			1350	1395			with 25 shots.
Sand			1395	1624			
Slate			1624	1626			
Sand			1626	1719	Fractured Weir 9-27-62		with 827
Slate & Shells			1719	1743			bbls. water and 97,000# Sand.
Sand			1743	1813	Final open flow after fracture		20/10
Slate			1813	1818	Merc. 4"		2,768 M
Sand			1818	1894			
Lime			1894	2003			
Slate & Shells			2003	2021	Shut in 10-3-62 in 4-1/2"		casing.
Sand			2021	2145			



Formation	Color	Hard or Soft	Top / 19	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			2145	2180			
Sand			2180	2218			
Red Rock			2218	2246	LOGS RUN: Gamma Ray Density Induction Temperature		
Lime			2246	2385			
Red Rock & Shale			2385	2454			
Gritty Lime			2454	2500			
Red Rock			2500	2535			
Sand <i>Myxton</i>			2535	2550			
Slate & Shells			2550	2589			
Big Lime			2589	2985			
Injun Sand			2985	3020			
Slate & Shells			3020	3042			
Weir Sand			3042	3228			
Slate			3228	3234			
Sand			3234	3250			
Slate			3250	3306			
Total Depth			3306'				

Date..... February 15....., 19 63

APPROVED UNITED FUEL GAS COMPANY, Owner

By S. L. Jewell
(Title)
Supt., Civil Engineering Dept.