

New Location
 Drill Daeper
 Abandonment

JAN 19 1955

Company UNITED FUEL GAS CO
 Address CHARLESTON W.VA
 Farm HENRY & ELLA DAVIDSON
 Tract _____ Acres 176.5 Lease No. 4999B
 Well (Farm) No. _____ Serial No. 3011-7
 Elevation (Spirit Level) 1385.54'
 Quadrangle MOOREFIELD
 County HARDY District MOOREFIELD
 Engineer Paul E. ...
 Engineer's Registration No. 689
 File No. 214-113 Drawing No. _____
 Date 12-20-52 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. HARDY-2
plugged out 12/19/54

+ 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 lines of original tracing.

7-304

HENRY & ELLA DAVIDSON et al. vs. U.F.G.C. et al. Hardy 2

1.98 mi S 39° 10'
1.88 mi W 78° 45'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Moorefield - EC

WELL RECORD

Permit No. HARDY-2

Oil or Gas Well Gas Show
(KIND)

Company UNITED FUEL GAS COMPANY
Address P.O. Box 1273, Charleston 25, W. Va.
Farm Henry & Ella Davidson Acres 176 1/2
Location (waters) North River
Well No. 8011 Elev. 1685.54
District Moorefield County Hardy
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by S. R. & Luta M. Kline
Address Rack Oak, W. Va.
Drilling commenced 3-3-53
Drilling completed 1-4-54
Date Shot _____ From _____ To _____
With _____
Open Flow 14 /10ths Water in _____ 1 Inch
_____ /10ths Merc. in _____ Inch
Volume 39,000 - exhausted Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 70' feet 570' feet
Salt water _____ feet _____ feet

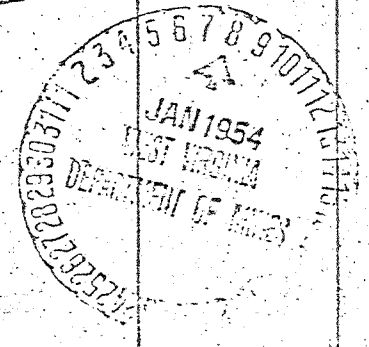
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
11-1 1/2"		24'	Kind of Packer
13-3/8"		700'	
10-3/4"		2028'	Size of
8-5/8"		4032'	
6 3/8 7"		6951'	Depth set
5 3/16"			
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	10	Water 70'	1 bailer	
Rock			10	50			
Red Rock			50	65	Water 570'	1 bailer in 3 hrs.	
Sand			65	103	Water 578'	1 bailer in 1 hr.	
Shale			103	125	Hole full water 580'		
Sand			125	170	Hole full water 640-660'		
Red Rock			170	180			
Gray Shale			180	185	Show gas 5820'		
Red Shale			185	220			
Gray Shale			220	274	Gas 7032 14/10 W 1" 39M, exhausted		
Sand			274	302			
Gray Shale			302	365	Water 7150'	1/2bbl. per hr. exhausted	
Red Shale			365	375			
Gray Shale			375	405			
Black Shale			405	408			
Gray Sand			408	435			
Red Shale			435	440			
Dark Sand			440	464			
Red Sand			464	475			
Dark Sand			475	498			
Gray Sand			498	511			
Gray Shale			511	563			
Dark Sand			563	600			
Dark Shale			600	617			
Slate			617	657			
Sand Shell			657	665			
Gray Shale			665	720			
Red Lime			720	760			
Gray Shale			760	1225			
Sand			1225	1275			
Lime			1275	1546			
Sand			1546	1566			
Slate & Shells			1566	1680			
Lime			1680	2050			
Slate & Shells			2050	2165			
Lime			2165	2600			
Slate & Shells			2600	2650			
Lime			2650	2760			
Slate & Shells			2760	2800			

1.98 mi S 39° 10'
1.88 mi W 78° 45' - EC
Moorefield



6-c

(Over)

6-F (314-7322')

Deep Well

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			2800	2900			
Slate & Shells			2900	2950			
Lime			2950	3011			
Slate & Shells			3011	4000			
Lime			4000	4220			
Slate & Shells			4220	6755			
Oriskany			6755	7398			
Sandy Lime			7398	7322			
Total depth			7322				

Handwritten notes:
 6755-6947
 1686
 5069
 6947
 7300
 1686
 5261
 561.4
 7322

Date January 7, 1954

APPROVED UNITED FUEL GAS COMPANY Owner

J. P. Fernald