

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm U.F.G. CO. MINERAL
 Tract 9 Acres 1371.07 Ref. 24690
 Well (Farm) No. _____ Serial No. 2048
 Elevation (Spirit Level) 661.00'
 Quadrangle MIDKIFF
 County LINCOLN, District SHERIDAN
 Engineer Seibert R. Howell
 Engineer's Registration No. 2529
 File No. 32-49 Drawing No. _____
 Date 9-7-54 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. LIN-1108-A

+ 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

1436

WELL RECORD

Quadrangle Midkiff
Permit No. 1108-A

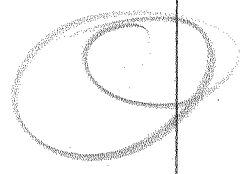
Oil or Gas Well Gas
(KIND)

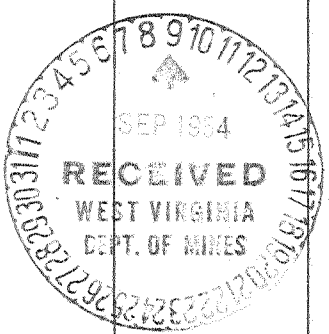
Company United Fuel Gas Company
Address P.O. Box 1273-Charleston, W. Va.
Farm United Fuel Gas Company Acres 1,371.07
Location (waters) Bee Branch
Well No. 2048 Elev. 661.0
District Sheridan County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Company
P. O. Box 1273 Address Charleston, W. Va.
Drilling commenced _____
Drilling completed 3-20-09
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 3,074 M Cu. Ft.
Rock Pressure 580 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10		20	Size of
8 1/4			
6 5/8		1132	Depth set
5 3/16			
3			Perf. top
2		1410	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
Salt Sand			550	935			Gas in Injun
Big Lime			1099	1340			
Injun			1362	1374			
Total Depth				1374			
DRILLED DEEPER - Commenced 2-15-14 - Completed 6-13-14							
Slate			1374	1415	Test before repaired 2/10 W 3" - 152 M R.P. 250# Test after repaired 46/10 merc. 2" - 1,189 M R.P. 268#		
Total Depth				1415			



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