

New Location...
 Drill Deeper.....
 Abandonment.....

JUN 8 1954

143 W
 3.8 L

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm G.G. REYNOLDS
 Tract _____ Acres 227 Lease No. 578
 Well (Farm) No. 1 Serial No. 436
 Elevation (Spirit Level) 685.2'
 Quadrangle CLENDENIN
 County KANAWHA District BIG SANDY
 Engineer Seybert R. Ferrell
 Engineer's Registration No. 2529
 File No. 74-67 Drawing No. _____
 Date 5-20-54 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-1044-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.

	Thickness Feet.	Total Feet.
Gas sand	54	1182
Break	8	1190
Salt sand	380	1570
Slate and lime	15	1585
Sand	12	1597
Lime	18	1615
Red rock	6	1621
Hard sand	14	1635
Red rock	75	1710
Lime shells	30	1740
Sand, Maxton	20	1760
Slate	10	1770
Little Lime	26	1796
Break	35	1831
Pencil Cave	9	1840
Big Lime	161	2001
Slate	25	2026
Sand, Big Injun	65	2091
Red sand, Squaw	50	2141
White sand, big gas at bottom	35	2176
Gas well; calculated volume, 10,170,000 cu. ft.		

On Leatherwood creek, south of the Kelly well (721) several wells have been drilled for gas. The following record exhibits the different sands in that locality:

G. G. Reynolds No. 1 Well Record (571).

Located in Big Sandy district, on Malcolm Branch of Leatherwood Creek, one mile south of Reamer. Authority, United Fuel Gas Company. Completed November 18, 1912. Elevation, 655' A. T. B.

	Thickness Feet.	Total Feet.
Conductor	16	16
Lime	120	136
Sand	114	250
Slate	15	265
Sand	235	500
Slate	50	550
Broken up	150	700
Salt sand	500	1200
Red rock	10	1210
Slate	100	1310
Sand, Maxton	15	1325
Little Lime	23	1348
Pencil Cave	4	1352
Big Lime	132	1484
Big Injun Sand, gas 1484', 1499' and 1520'	36	1520
Broken sand and slate	97	1617
Squaw Sand, gas, 1703'	113	1730
Slate to bottom	3	1733
Gas well; calculated volume, 1,510,860 cu. ft.		



STATE OF WEST VIRGINIA
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1871

Quadrangle Clendenin

WELL RECORD

Permit No. 1044A

Oil or Gas Well Gas
(KIND)

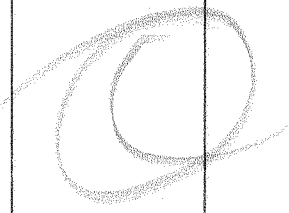
Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm G. G. Reynolds Acres 227
Location (waters) Malcolm Fk. of Leatherwood Ck.
Well No. 436 Elev. 685.2'
District Big Sandy County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Ruth Daugherty, Agent
Address Elkview, W. Va.
Drilling commenced Sept. 26, 1912
Drilling completed Nov. 18, 1912
Date Shot _____ From _____ To _____
With _____
Open Flow 9 /10ths Water in 6-5/8 Inch
_____ /10ths Merc. in _____ Inch
Volume 1,157,000 Cu. Ft.
Rock Pressure 450 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			
16		16'	Kind of Packer <u>Callanan</u>
18			Size of <u>2x6-5/8x16</u>
10			Depth set <u>1458</u>
8 1/4	<u>455'</u>		Perf. top _____
6 5/8		<u>1362</u>	Perf. bottom _____
5 3/16			Perf. top _____
3			Perf. bottom _____
2	<u>1740'</u>		Perf. top _____
Liners Used			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
Conductor			0	16			
Lime			16	136			
Sand			136	250			
Slate			250	265			
Sand			265	500			
Slate			500	550			
Broken up			550	700			
Salt Sand			700	1200			
Red Rock			1200	1210			
Slate			1210	1310			
Maxon Sand			1310	1325			
Little Lime			1325	1348			
Pencil Cave			1348	1352			
Big Lime			1352	1484			
Injun Sand			1484	1520			
Broken up			1520	1617			
Squaw Sand			1617	1730			
Slate			1730	1733			
Total depth			1733'				



Gas in Lime at 1484'
Gas in Injun 1499' to 1520'
Gas in Weir 1703'

