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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 21-A

Oil or Gas Well GAS  
(KIND)

Company United Fuel Gas Company  
 Address Box 1273, Charleston 25, W. Va.  
 Farm Thomas H. Harvey Acres 1148.48  
 Location (waters) North Fork of Big Creek  
 Well No. 4495 Elev. 635  
 District Chapmansville County Logan  
 The surface of tract is owned in fee by Thomas H. Harvey  
 Address Chapmansville, W. Va.  
 Mineral rights are owned by Libby-Owens Sheet Glass Co.  
 Address Charleston 28, W. Va.  
 Drilling commenced August 20, 1918  
 Drilling completed March 6, 1919  
 Date Shot Not shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>Anchor</u>
10			Size of <u>2 x 6-5/8</u>
8 1/4	<u>60</u>	<u>60</u>	Depth set <u>1030</u>
6 5/8	<u>1053</u>	<u>1053</u>	
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume Gas Well \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 25 feet \_\_\_\_\_ feet  
 Salt water 446 - 450 feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT 776 FEET 48 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	30	Fresh water	25	
Slate			30	60			
Sand			60	78	Water & Oil	65-78	
Blue mud			78	90			
Slate			90	155			
Sand			155	194			
Sand shells			194	200			
Slate			200	220			
Sand			220	245			
Sand & Slate			245	255			
Slate			255	260			
Sand			260	480	Oil	335-340	1 Bbl. per day
Slate & Sand			480	495	Salt Water	446-450	
Slate			495	580	Gas	575-580	Show
Sand			580	595			
Slate			595	630			
Sand			630	715			
Slate			715	776			
Coal			776	780			
Sand			780	820			
Lime - Black			820	835			
Slate			835	850			
Lime			850	865			
Red Rock			865	875			
Blue slate			875	888			
Red rock			888	935			
Maxon			935	970			
Slate			970	995			
Lime			995	1050			
Slate & Shells			1050	1065			
Big Lime			1065	1159	Gas	1140-1150	1,370,000'



