

New Location   
 Drill Deeper   
 Abandonment

Company EQUITABLE GAS CO. WVA DIV  
 Address CLARKSBURG, WVA  
 Farm I.N. CZIGANS  
 Tract Acres 160 Lease No. 7804  
 Well (Farm) No. ONE Serial No. 4761  
 Elevation (Spirit Level) 929'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. DAD-923-B

Latitude 39° 07' 30"

+ 25'

88° 47' 30"

Longitude

Topo Location

7.5' Loc. 0.515 15' Loc. 3.395  
0.38W (calc.) 2.61W

Company 4761

Farm Lawrence Cziggans

15' Quad Hilbrook EC  
(sec.)

7.5' Quad Auburn

District Southwest

WELL LOCATION PLAT

County 017 Permit 30923



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

907

WELL RECORD

Permit No. 4761

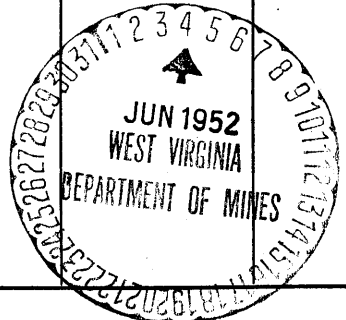
Oil or Gas Well **"GAS"**  
(KIND)

Company **EQUITABLE GAS COMPANY WEST VA DIV.**  
Address **Clarksburg, West Va.**  
Farm **I. N. Gaigens** Acres **160**  
Location (waters) **Halbrook S/E. 2-1**  
Well No. **4761** Elev. **929'**  
District **Southwest** County **Doddridge**  
The surface of tract is owned in fee by **Lawrence Gaigens**  
**R.D.#1** Address **Auburn, West Va.**  
Mineral rights are owned by **Lawrence Gaigens, Agent**  
**R.D.#1** Address **Auburn, W. Va.**  
Drilling commenced **April 27, 1920**  
Drilling completed **May 25, 1920**  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ 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	<b>183'</b>	<b>183'</b>	Size of
8 1/4	<b>894'</b>	<b>894'</b>	
6 5/8	<b>1778'</b>	<b>1778'</b>	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
Slate	White	Soft	0	50			
Lime	"	Hard	50	90			
Red Rock	Red	Soft	90	190			
Slate	White	Open	190	290	<b>Water</b>	<b>212'</b>	
Lime Shells	"	Hard	290	350			
Red Rock	Red	Soft	350	500			
Lime	White	Hard	500	600			
Slate	"	Soft	600	750			
Red Rock	Red	"	750	840			
Sand	White	Hard	840	880			
Slate	Dark	Soft	880	940			
Lime	Light	Hard	940	970			
Slate&Shells			970	1140			
Gas Sand	Light	Hard	1140	1265			
Slate&Shells			1265	1370			
Sand	Light	Hard	1370	1400			
Slate&Shells			1400	1545			
3rd. Salt Sand	Light	Hard	1545	1605			
Slate&Shells			1605	1660			
Maxon Sand	Light	Hard	1660	1690			
Slate	Dark	Soft	1690	1703			
Lime	"	Hard	1703	1715			
Slate	"	Soft	1715	1725			
Sand	Light	Hard	1725	1740			
Slate	Dark	Soft	1740	1750			
Big Lime	Light	Hard	1750	1802			
Big Injun	"	"	1802	1886	<b>Gas</b>	<b>1804'</b>	
Un-Recorded			1886	1911	<b>Gas</b>	<b>1835-1845'</b>	
Total Depth				1911			



(Over) JUN 10 1953



Record of Well No. 4761 Located on J. N. Cigars Farm Mar 13 1920  
Southwest District Doddrige County West Va State  
 Division CR District No. \_\_\_\_\_ Drilled under well Order 1565  
 Rig built by John Craig Began April 13 1920 Completed April 21 1920  
 Well drilled by W. M. Schubert Began April 27 1920 Completed May 24 1920  
 Depth of Well 1911 feet Size of Hole 6 5/8 Producing Gas  
 elev. 929

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
<u>Steel line</u>			<u>Lease expires June 25-1920</u>
<u>183'</u>	<u>10</u>	<u>10 oed</u>	
<u>894'</u>	<u>8 1/4</u>	<u>45 oed</u>	
<u>1998'</u>	<u>6 5/8</u>	<u>88 oed</u>	<u>6 5/8 line</u>

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (Thickness of pay)
<u>Gas sand</u>			<u>1140</u>	<u>1145</u>	<u>Water 212 - 1/2 Culer</u>
<u>2nd Sand</u>			<u>1545</u>	<u>1605</u>	
<u>Upper sand</u>			<u>1660</u>	<u>1690</u>	
<u>Big sand</u>			<u>1720</u>	<u>1802</u>	
<u>Big grain</u>	<u>(365)</u>		<u>1802</u>	<u>1886</u>	<u>Gas 1804-1833 - 1/10 216 9'</u>
<u>Water</u>			<u>1886</u>	<u>1911</u>	
<u>Water Dept</u>			<u>1911</u>		



FORMATIONS  
FORM: 032-5170

Well # 4761 L. N. Cuyana

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Slate		50				
lime	50	90				
Red Rock	90	190				
Slate	190	290				
lime & shell	290	350			212	
Red Rock	350	500				
lime	500	600				
Slate	600	720				
Red Rock	720	840				
Sand	840	880				
Slate	880	940				
lime	940	970				
Slate & shells	970	1140				
Sand	1140	1265				
Slate	1265	1370				
Sand	1370	1400				
Slate	1400	1545				
exp. salt	1545	1605				
Slate shells	1605	1660				
Maron sand	1660	1670				
Slate	1670	1703				
lime	1703	1715				
Slate	1715	1725				
Sand	1725	1740				
Slate	1740	1750				
Big lime	1750	1802				
Big lime	1802	1886				
Arch. Dept	1911					1804-1835-1845

