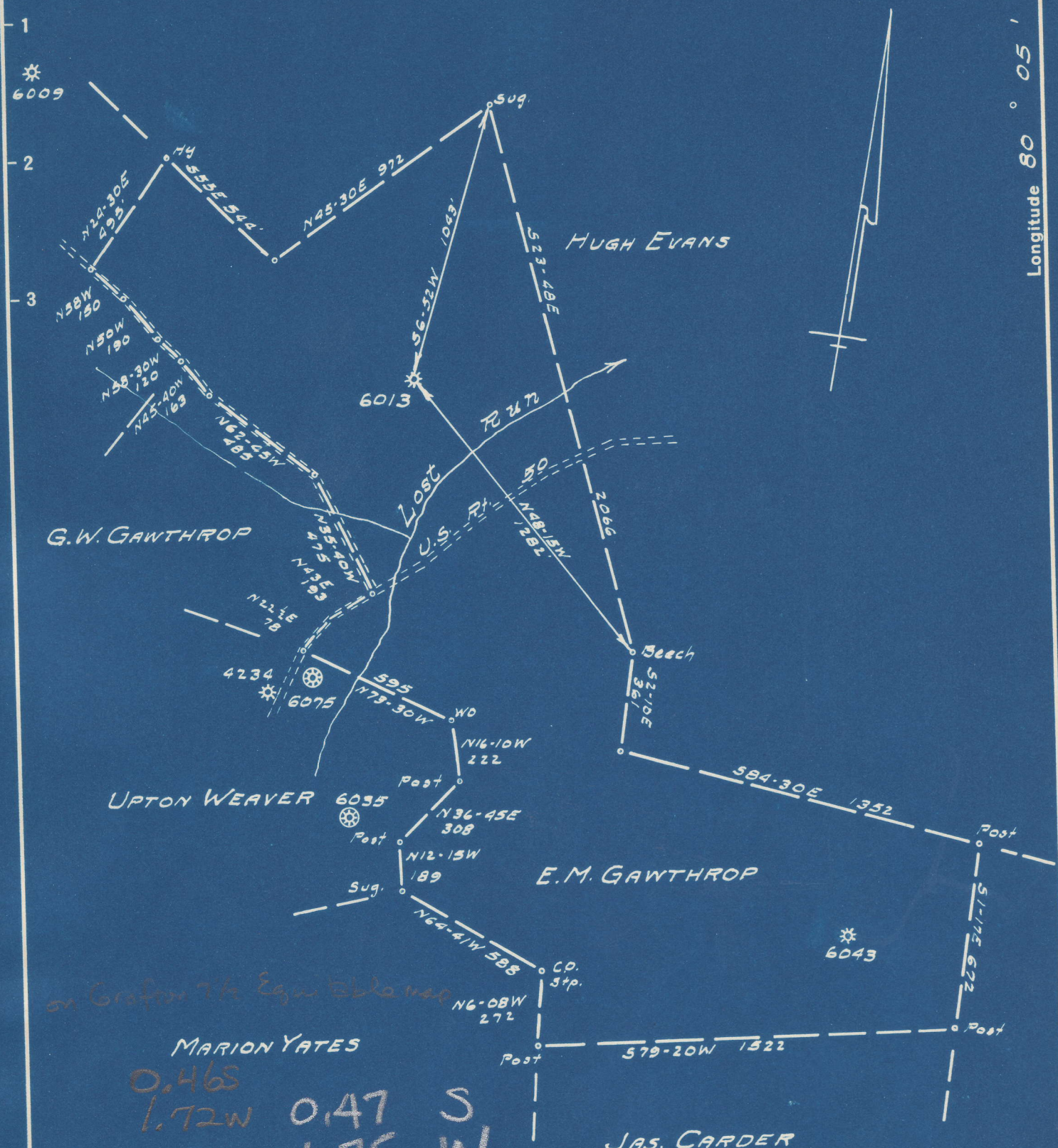


Latitude 30° 20'

Longitude 80° 05'



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

0.46S
 1.72W 0.47 S
 1.75 W

Company Pittsburgh & W.Va. Gas Co.
 Address Clarksburg W.Va.
 Farm E.M. Gawthrop
 Tract _____ Acres 93 Lease No. 14258
 Well (Farm) No. 1 Serial No. 6013
 Elevation (Spirit Level) 1178 VA
 Quadrangle Fairmont SE. 13
 County Taylor District Booths Creek
 Engineer James D. Pafford
 Engineer's Registration No. 1084
 File No. 153/32 Drawing No. _____
 Date 10-4-49 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. JAY-27-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

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WELL RECORD

Permit No. 27-A

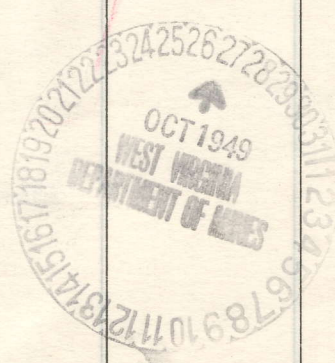
Oil or Gas Well "GAS"
(KIND)

Company Pittsburgh & West Va Gas Company.
 Address Clarksburg, West Va.
 Farm E. M. Gawthrop Acres 93
 Location (waters) Fairmont S/E. 1-3
 Well No. 6013 Elev. 1178'
 District Booths Creek County Taylor
 The surface of tract is owned in fee by A. D. Gawthrop
R.D.#2 Address Grafton, West Va.
 Mineral rights are owned by G. W. Gawthrop
R.D.#5 Address Grafton, West Va.
 Drilling commenced November 25, 1915
 Drilling completed January 2, 1916
 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	315'	315'	Size of
8 1/4	785'	785'	
6 3/8	1251'	1251'	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 525 FEET 96 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			0	325			
Line	Dark	Hard	325	375	Water	355'	
Slate	"	Soft	375	430			
Line	White	Hard	430	460			
Slate	"	Soft	460	485			
Line	Dark	Hard	485	515			
Slate	"	Soft	515	525			
Coal	Black	"	525	533			
Slate&Line	"	Varied	533	570			
Sand	White	Medium	570	590			
Slate	Dark	Soft	590	640			
Line	"	Hard	640	700			
Slate	Black	Soft	700	745			
Sand	White	Medium	745	785			
Slate	Black	Soft	785	805			
Line	White	Hard	805	875			
Slate	Dark	Soft	875	885			
Sand	White	Hard	885	900			
Red Rock & Line	Red	Varied	900	990			
Line&Slate	"	"	990	1070			
Red Rock	Red	Soft	1070	1130			
Line	Dark	Hard	1130	1155			
Slate	"	Soft	1155	1180			
Line (Little)	"	Hard	1180	1200			
Pencil Cave	"	Soft	1200	1210			
Big Line	"	Hard	1210	1281			
Big Injun	White	"	1281	1410			
Slate&Shells	Dark	Varied	1410	1755			
50 Ft. Sand	"	Hard	1755	1825			
Slate & Shells			1825	1830			
Sand			1830	1850			
Slate & Shells & Red Rock			1850	1940			
Gordon Stray	White	Hard	1940	1948			
Red Rock		Soft	1948	1960			
Gordon Sand	White	Hard	1960	1966			
Red Rock Shells			1966	2145			
Sand (5th)	Red	Soft	2145	2190	Gas	2167-2169'	
Slate	Dark	"	2190	2206	Gas	2185-2187'	
Total Depth				2206			



Record of Well No. 6013 Located on E.M. Hawthrop Farm Nov 1 1915
Booths Creek District Taylor County West Va State
 Division A District No. _____ Drilled under well Order 386
 Rig built by John Craig Began Nov 11 1915 Completed Nov 18 1915
 Well drilled by W. M. Bumbart Began Nov 25 1915 Completed Jan 2 1916
 Depth of Well 2206 feet Size of Hole 6 5/8 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
<u>16'</u>	<u>13"</u>	<u>Wood</u>	
<u>300'</u>	<u>10"</u>	<u>New</u>	<u>16 ft</u>
<u>785'</u>	<u>8 1/2"</u>	<u>"</u>	<u>37 ft</u>
<u>1257'</u>	<u>6 5/8"</u>	<u>"</u>	<u>63 ft</u>
<u>2206</u>	<u>3"</u>	<u>Ced</u>	

Elw, 1178 G.L.

COAL VEINS

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF FAT)
<u>Big Sand</u>			<u>305</u>	<u>321</u>	
<u>Med Sand</u>			<u>570</u>	<u>570</u>	
<u>W. Salt Sand</u>			<u>685</u>	<u>700</u>	
<u>and "</u>			<u>745</u>	<u>785</u>	
<u>and "</u>			<u>820</u>	<u>900</u>	
<u>Little Lime</u>			<u>1180</u>	<u>1200</u>	
<u>Big "</u>			<u>1210</u>	<u>1281</u>	
<u>Big Lm</u>			<u>1281</u>	<u>1410</u>	
<u>Big foot</u>			<u>1955</u>	<u>1825</u>	
<u>North Sand</u>			<u>1830</u>	<u>1850</u>	
<u>Sp. m. clay</u>			<u>1940</u>	<u>1948</u>	
<u>London</u>			<u>1960</u>	<u>1966</u>	
<u>Big Sand</u>			<u>2145</u>	<u>2190</u>	<u>Gas 2167 - 2185</u>

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Lime	325	375			355	
Slate	375	430				
Lime	430	460				
Slate	460	485				
Lime	485	515				
Slate	515	525				
Coal	525	533				
Slate & Lime	533	570				
Sand	570	590				
Slate	590	640				
Lime	640	700				
Slate	700	745				
Sand	745	785				
Slate	785	805				
Lime	805	875				
Slate	875	885				
Sand	885	900				
Red Rock Lime	900	990				
Lime & Slate	990	1090				
Red Rock	1090	1130				
Lime	1130	1155				
Slate	1155	1180				
Little Lime	1180	1200				
Slate	1200	1210				Council Cove
Big Lime	1210	1281				
Big Limestone	1281	1410				
Slate & Shells	1410	1755				
Rippled Rock	1755	1825				
Slates & Shells	1825	1830				
North Sand	1830	1850				
Slate	1850	1940				
Gordon Stray	1940	1948				
Red Rock	1948	1960				
Gordon	1960	1966				
Red Rock	1966	2145				
North Sand	2145	2190				
Slate	2190	2206				
Total Depth		2206				