

$\frac{7\frac{1}{2}}{045}$
1.24W

ATITUDE

39° 20' (7 $\frac{1}{2}$)

(7.6), 50° 08

LONGITUDE

7'5 OGIS topo location

Located on Grafton
Equitable map

7.5' loc _____ 15' loc _____
_____ (calc.) _____

702 on MMT Co. Rpt Map

Company Pittsburgh - WV Gas

Farm Core E. Dunham (2308)

Quad Grafton 7.5

County Taylor

District Booths Creek

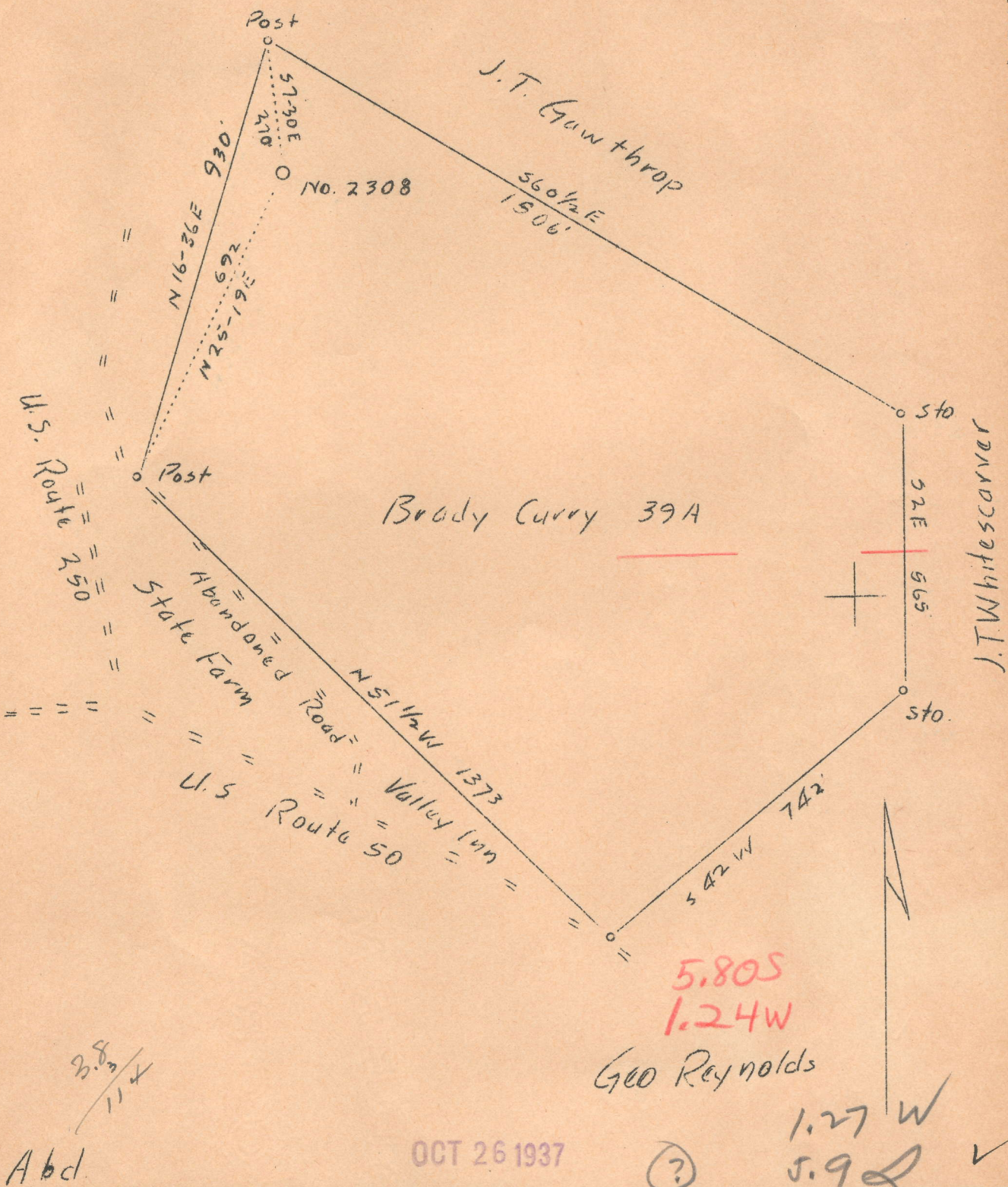
WELL LOCATION MAP

File No. 091-4A ✓

(was 70023 which is # 702 on Co. Rpt)

LATITUDE 39° 25'

LONGITUDE 80° 05'



Company Pittsburgh & W.Va. Gas Co.
 Address 608 Union Bank, Clarksburg, W.Va.
 Farm Cora E. Dunham
 Tract Acres 39 Lease No. 9966
 Well (Farm) No. 1 Serial No. 2308
 Elevation (Spirit Level) 1276-L
 Quadrangle Fairmont
 County Taylor District Booths Cr'k
 Engineer James D. Jeffries
 Engineer's Registration No.
 File No. Drawing No.
 Date 10-12-37 Scale 1"-300'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. TAY-4A

+ 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.

Booths Creek district, 1.5 miles west of Pruntytown. Authority, Philadelphia Company.

(Elevation, 1268' I.-A. T.)	Thickness. Total.	
	Feet.	Feet.
Soil, slate, lime, sand, etc.....	87	87
Lime (water, 90').....	15	102
Red rock	20	122
Slate	30	152
Lime (water, 180').....	38	190
Shale	13	203
Coal, (Bakerstown)	4	207
Shale	10	217
Slate	25	242
Red rock	12	254
Lime and slate.....	30	284
Lime	7	291
Slate	25	316
Red rock	10	326
Lime	14	340
Red rock	8	348
Lime and slate.....	61	409
Shale	20	429
Slate and lime.....	47	476
Sand ("Gas").....	39	515
Slate and lime.....	90	605
Coal, (Lower Kittanning).....	2	607
Lime and slate.....	31	638
Coal, (Clarion)	7	645

	Thickness, Feet.	Total Feet.
Lime	15	660
Shale and some coal (Brookville).....	18	678
Slate and lime.....	64	742
Slate and shells.....	28	770
Sand	15	785
Coal, (Upper Mercer).....	2	787
Sand, salt.....	35	822
Slate and unrecorded.....	510	1332
Big Lime (hard).....	83	1415
Big Injun sand.....	88	1503
Slate and lime.....	25	1528
Slate and shells.....	127	1755
Lime and slate.....	65	1820
Sand	10	1830
Slate	42	1872
Fifty-foot sand	90	1962
Slate	33	1995
Thirty-foot sand	20	2015
Slate and lime shells.....	40	2055
Gordon Stray sand.....	12	2067
Slate	6	2073
Gordon sand	5	2078
Red rock	15	2093
Lime	8	2101
Red rock	29	2130
Fourth sand (limy).....	40	2170
Red rock	45	2215
Sand	9	2224
Red rock	43	2267
Sand	5	2272
Red rock.....	6	2278
Sand, brown	4	2282
Red rock and shells.....	37	2319
Fifth sand, brown (gas, 2324').....	15	2334
Red rock	44	2378
Bayard sand	15	2393
Slate	12	2405
Lime	45	2450
Red rock	12	2462
10" casing, 285'; 8" casing, 944'; 6½" casing, 1346'; 3" tubing, 1892'.		

The above well starts about 200 feet below the Pittsburgh coal horizon. It had an initial gas production from the Fifth sand of 750,000 cubic feet daily natural, but after being shot made 1,500,000 cu. ft. daily, with a rock pressure of about 675 lbs., according to Patrick McGrady.

The surface of land is owned in fee by **Brady Currey** 265' 285'
R.F.D.#5 Address **Grafton, W.Va.** 348' 348'
 Mineral rights are owned by **Brady Curry** 1340' 1340'
R.F.D.#5 Address **Grafton, W.Va.**
 Drilling commenced **August 30th, 1909.**
 Drilling completed **November 5th, 1909.**
 Date shot _____ Depth of shot _____ Liners Used _____
 Open Flow _____ 10ths Water in _____ Inch _____
 _____ 10ths Merc. in _____ Inch _____
 Volume _____ Cu. Ft. _____ CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 Rock Pressure _____ lbs. _____ hrs. _____
 Oil _____ bbls., 1st 24 hrs. _____
 Fresh water **90'-180'** feet **490'** feet **608** FEET **84** INCHES **305** FEET **43** INCHES
 Salt water _____ feet _____ feet **638** FEET **84** INCHES **785** FEET **34** INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Soil	Brown	Soft	0	15			
Line	White	Hard	15	25			
Slate	"	Soft	25	35			
Sand	Brown	"	35	47			
Slate	White	"	47	57	Water	90'	
Line	"	Hard	57	102			
Red Rock	Red	Soft	102	122			
Slate	Black	"	122	152			
Line	White	Hard	152	190	Water	180'	
Shale	Black	Soft	190	202			
Coal	"	"	202	207			
Shale	"	"	207	217			
Slate	"	"	217	242			
Red Rock	Red	"	242	254			
Line	White	Hard	254	274			
Slate	Black	Soft	274	284			
Line	White	Hard	284	291			
Slate	Black	Soft	291	316			
Red Rock	Red	"	316	328			
Line	White	Hard	328	340			
Red Rock	Red	Soft	340	348			
Line	White	Hard	348	360			
Slate	"	Soft	360	375			
Line	"	Hard	375	385			
Slate	Black	Soft	385	399			
Line	White	Hard	399	409			
Shale	Black	Soft	409	429			
Slate	White	"	429	447			
Line	"	Hard	447	470			
Slate	Black	Soft	470	476			
Big Bankard	White	Hard	476	515	Water	490'	
Slate	Black	Soft	515	518			
Line	White	Hard	518	538			
Shale	Brown	Soft	538	550			
Line	White	Hard	550	605			
Coal	Black	Soft	605	607			
Line	Dark	Hard	607	624			
Slate	Black	Soft	624	630			
Line	White	Hard	630	638			
Coal	Black	Soft	638	645			
Line	White	Hard	645	660			
Shale	Black	Soft	660	678			

(Over)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	White	Soft	678	720			
Lime	"	Hard	720	742			
Slate&Shells			742	770			
Sand	Black	Hard	770	788			
Coal	"	Soft	788	787			
Sand	"	Hard	787	822			
Slate	"	Soft	822	829			
1st. Salt	Black	Hard	829	838			
Slate	"	Soft	838	870			
2nd. Salt	White	Hard	870	958			
Slate	Black	Soft	958	978			
3rd. Salt	White	Hard	978	1020			
Red Rock	Red	Soft	1020	1100			
Slate	Gray	"	1100	1120			
Red Rock	Red	"	1120	1126			
Lime	White	Hard	1126	1150			
Sand	"	"	1150	1190			
Red Rock	Red	Soft	1190	1230			
Lime	White	Hard	1230	1260			
Slate	Black	Soft	1260	1268			
Lime	"	Hard	1268	1292			
Slate	White	Soft	1292	1302			
Lime	"	Hard	1302	1310			
Pencil Cove	Black	Soft	1310	1328			
Red Rock	Red	"	1328	1338			
Big Lime	White	Hard	1338	1415			
Big Injun	"	"	1415	1508			
Slate	"	Soft	1508	1508			
Lime	"	Hard	1508	1528			
Slate&Shells	Black	Soft	1528	1755			
Lime	"	Hard	1755	1778			
Slate	"	Soft	1778	1820			
Sand	White	Hard	1820	1830			
Slate	Black	Soft	1830	1872			
Fifty Foot	White	Hard	1872	1962			
Slate	Black	Soft	1962	1998			
Sand	White	Hard	1998	2015			
Slate-Lime	Black	Soft&Hard	2015	2065			
Garden Stray	White	Hard	2065	2067			
Slate	Black	Soft	2067	2073			
Garden Sand	White	Hard	2073	2078			
Red Rock	Red	Soft	2078	2093			
Lime	White	Hard	2093	2101			
Red Rock	Red	Soft	2101	2130			
4th. Sand	White	Hard	2130	2170			
Red Rock	Red	Soft	2170	2215			
Sand	White	Hard	2215	2224			
Red Rock	Red	Soft	2224	2267			
Sand	White	Hard	2267	2272			
Red Rock	Red	Soft	2272	2278			
Sand	Brown	"	2278	2282			
Red Rock	Red	"	2282	2319			
5th. Sand	Brown	"	2319	2334	Gas	2334'	
Red Rock	Red	"	2334	2359			
"	"	"	2359	2378			
Sand	"	"	2378	2393			
Slate	Black	"	2393	2405			
Lime	White	"	2405	2450			
Red Rock	Red	"	2450	2462			
Total Depth				2462			

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

TO THE DEPARTMENT OF MINES

Charleston, W. Va.

Brady Currey
COAL OWNER
 R.F.D.#5
 Grafton, West Va.
ADDRESS

Pittsburgh & West Va Gas Company.

NAME OF WELL OPERATOR
 #608 Union Natl. Bank Bldg.
 Clarksburg, West Va.
COMPLETE ADDRESS

October 13th, 19 37

COAL OPERATOR OR COAL OWNER

WELL TO BE ABANDONED

Booths Creek District

ADDRESS

Taylor County

Brady Currey
LEASE OR PROPERTY OWNER
 R.F.D.#5
 Grafton, West Va.
ADDRESS

Well No. 2308
 39° 25'
 80° 05'
 Cora E. Dunham Farm

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the work of plugging and abandoning said well on the 20th day of October 19 37 (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,
 PITTSBURGH & WEST VA GAS COMPANY.

By *Cora E. Dunham*
 Well Operator.

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1925, a plat prepared by a competent engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners of adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract shall be submitted with this notice.

(Over)

Well to be plugged and filled as follows. Total Depth 2462 feet.

Clay 2462-2299'
Cement Plug 2299-2289'
Clay 2289-1852'
Cement 1852-1842'

Bridge hole at 1533'
Clay 1533-1385'
Wood Plug 1385-1382'
Lead Plug 1382-1381'
Cement Plug 1381-1371'

Bridge hole at 1050'
Clay 1050-817' (30' Below Coal)
Cement 817-765' (20' Above ")
Clay 765-675' (30' Below ")
Cement 675-585' (20' Above ")
Clay 585-237' (30' Below ")
Cement 237-183' (20' Above ")
Clay 183-5'
Cement 5' to surface.

Erect marker such as is described in Rule 18, 1931, Regulations.
All to be done in a workman like manner.

NOTE:

Full casing as hole is being filled and plugged.

To the Department of Mines,
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

PITTSBURGH & WEST VA GAS COMPANY,

[Signature]
Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this 16th day

of October, 1937.

DEPARTMENT OF MINES
Oil and Gas Division

COPI TO INSPECTOR COURTEY.

By _____

NOTE: This "work order" must be filed in duplicate, one copy for the files of the Department of Mines and the other to be approved or corrected and returned to the well operator as his authority for plugging said well.

COMPANY 091-30004

FORM: 638-14283

Record of Well No. 2308 Located on Cora E. Dunham Farm July 13 1929
Brooks Creek District Taylor County West Va State
 Division R District No. 11 Drilled under well Order 1
 Rig, built by John Craig Began 19 Completed Aug 27 1909
 Well drilled by Thos. Martine Began Aug 30 1909 Completed Nov 5 1909
 Depth of Well 2462 feet Size of Hole 6 5/8 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
285'	10"	New	Reclaimed Nov. 15-1909
948'	8 1/4"	"	" " "
1340'	6 5/8"	"	" " "
1911'	3"	"	" " "

Elev. 1276 G.L.

COAL VEINS Keopert ⁶³⁸ ₆₄₅

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Little Dunham</u>			370	400	
<u>Big "</u>			476	510	<u>Water 490</u>
<u>Salt sand</u>			829	838	
<u>sand</u>			870	932	
<u>sand</u>			975	1020	
<u>Mayox</u>			1160	1240	
<u>Big lime</u>			1332	1415	
<u>Big lime</u>			1415	1503	
<u>Sand</u>			1820	1830	
<u>"</u>			1872	1962	
<u>"</u>			1995	2015	
<u>Horden/Stray</u>			2055	2067	
<u>" sand</u>			2073	2078	
<u>Fourth</u>			2130	2170	
<u>sand</u>			2215	2224	
<u>Ritch</u>			2319	2334	<u>Gas 2324</u>
<u>Bedford sand</u>			2378	2393	
<u>Total Depth (Slate)</u>				2462	

FIRST PRESSURE TEST IN _____ CASING

REMARKS

30 Sec. _____ lbs.

1 Min. _____ "

2 " _____ "

5 " _____ "

10 " _____ "

15 " _____ "

30 " _____ "

Rock Pressure _____ " in _____

Taken _____ 19 _____

By _____

*Shot with 30 gts in
Rifed sand*

WELL TUBED AND PACKED Nov 10 1909

VIZ: Used 1911 ft. 3" Tubing
1-6 5/8 x 4" Heater Well Cacker

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec. 20 lbs.

1 Min. 40 "

2 " 64 "

5 " 130 "

10 " 230 "

15 " 315 "

30 " 585 "

Rock Pressure 790 " in 12 hrs. May 31 - 1913 - 625'

Taken Nov 10 1909

By _____

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES: