

LATITUDE

393730

5808

LONGITUDE

OGIS
75'10" →

7'5 OGIS topo location

7.5' 10c	<u>1.575</u>	15' 10c	<u>4.455</u>
	<u>0.16W</u>	(calc.)	<u>0.16W</u>

Company _____

Farm _____

Quad Big Run Littleton C

County _____

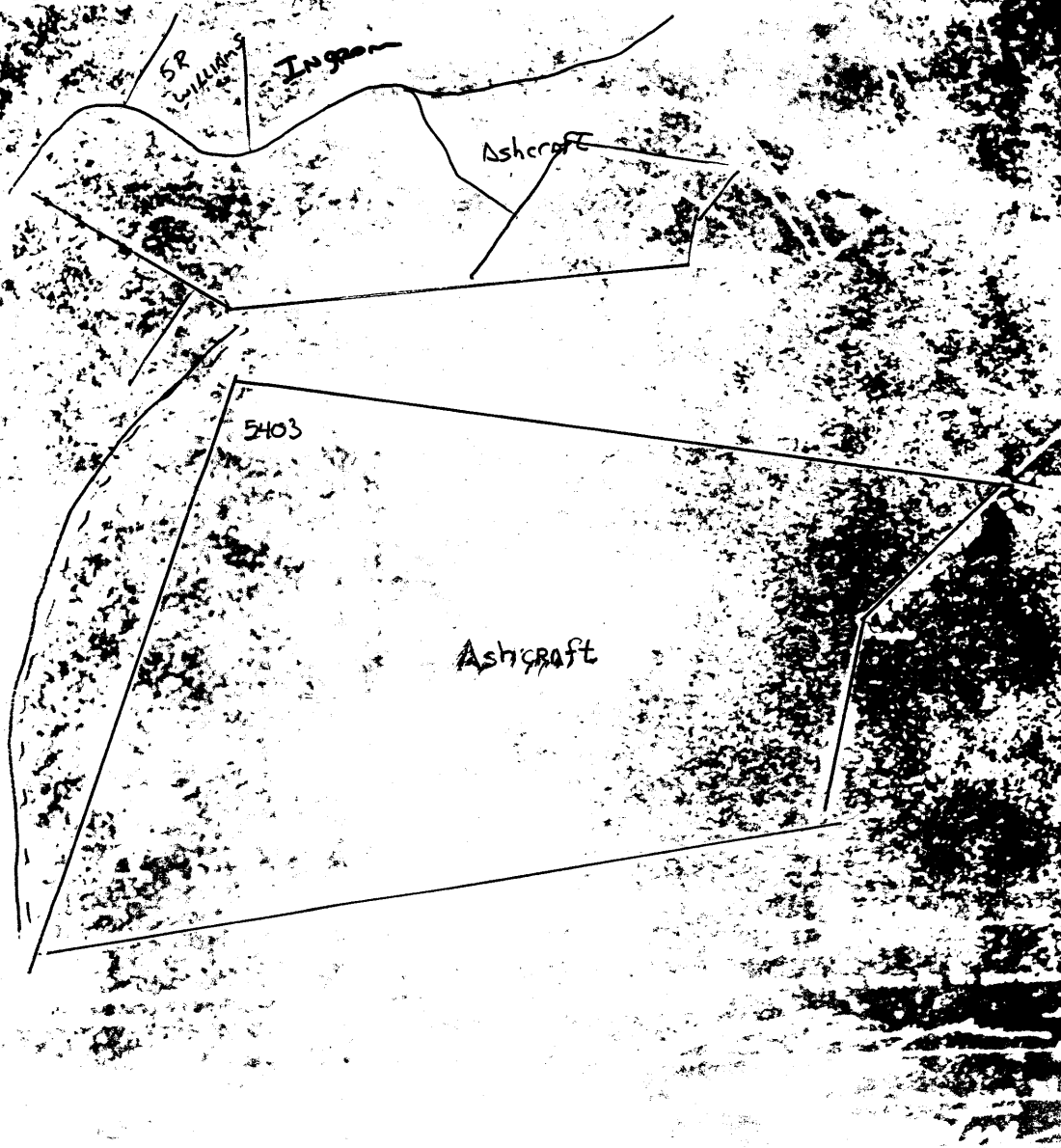
District Grant

WELL LOCATION MAP

File No. Wet. 64

2015

GRANT



Grant District, Wetzel County, W. Va.

By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.

On 1030 acres, (Map Loc. Littleton S.E.1-2); surface and mineral rights owned by Marcella Coughlin, 503 Second St., Fairmont, W. Va.

Drilled under permit Wet-64, issued Dec. 10, 1931.

Elevation, 1505' L.

1 1/2" conductor, 16'; 10" casing, 347'; 8 1/4", 1659'; 6-5/8", 2416'.

Coal was encountered at 728-732, 865-869, 1113-1117, and 1204-1212'.

Completion reported to Dept. of Mines March 16, 1932.

Well was not shot.

Freshwater at 1985-2005 and 2119-2127'.

Gas well. 6-5/8" hole.

	Top.	Bottom.	Thickness.
Loam, dark, soft	0	3	3
Clay, red, soft	3	8	5
Rock, white, hard	8	16	8
Clay, blue, soft	16	30	14
Lime, white, open	30	65	35
Red rock, soft	65	70	5
Lime, white, hard	70	98	28
Slate, dark, soft	98	110	12
Lime, white, hard	110	141	31
Slate, white, soft	141	165	24
Red rock, open	165	173	8
Lime, white, hard	173	200	27
Slate, white, soft	200	216	16
Lime, white, hard	216	230	14
Red rock, open	230	242	12
Slate, dark, soft	242	265	23
Lime, white, hard	265	278	13
Slate, white, soft	278	295	17
Lime, white, hard	295	308	13
Red rock, open	308	329	21
Slate, white, soft	329	354	25
Lime, white, open	354	422	68
Lime, white, hard	422	440	18
Slate, white, soft	440	468	28
Lime, white, open	468	485	17
Slate, dark, soft	485	503	18
Lime, white, hard	503	520	17
Slate, dark, open	520	538	18
Slate, white, soft	538	620	82
Red rock, soft	620	630	10
Lime, white, hard	630	645	15
Slate, white, soft	645	660	15
Stray sand, white, open	660	682	22
Red rock, soft	682	690	8
Lime, white, hard	690	703	13
Slate, dark, soft	703	722	19
Lime, white, hard	722	728	6
Coal, black, soft and hard (Waynesburg)	728	732	4
Slate, white, soft	732	780	48
Stray sand, white, hard	780	810	30
Slate, dark, soft	810	817	7
Limestone, white, hard	817	830	13
Stray sand, white, soft	830	865	35

(OVER)

	Top.	Bottom.	Thickness.
✓ Coal, black, soft, Uniontown	865	- 869	4
Lime, white, hard	869	- 878	9
Slate, white, soft	878	- 897	19
Lime, white, open	897	- 912	15
Slate, dark, soft	912	- 940	28
Lime, white, hard	940	- 962	22
Slate, white, soft	962	- 981	19
Lime, white, hard	981	- 1000	19
Slate, white, soft	1000	- 1032	32
Lime, white, hard	1032	- 1060	28
Slate, white, soft	1060	- 1066	6
Lime, white, hard	1066	- 1087	21
Slate, dark, open	1087	- 1092	5
Lime, white, hard	1092	- 1105	13
Slate, dark, soft	1105	- 1113	8
✓ Coal, black, open (Sewickley) (show gas, 1113-17') (SLM, 1113')	1113	- 1117	4
Lime, white, hard	1117	- 1145	28
Slate, white, soft	1145	- 1198	53
Stray sand, white, soft	1198	- 1204	6
✓ Coal, black, soft, Pittsburgh (gas, 1204-08', 6/10 W. in $\frac{3}{8}$ " (SLM, 1204'))	1204	- 1212	8
Slate, white, soft	1212	- 1243	31
Red rock, soft	1243	- 1248	5
Lime, white, hard	1248	- 1285	37
Slate, white, soft	1285	- 1333	48
✓ Murphy Sand, white, open	1333	- 1360	27
Slate, white, soft	1360	- 1392	32
Lime, white, hard and close	1392	- 1412	20
Slate, white, soft	1412	- 1470	58
Red rock, soft	1470	- 1505	35
Lime, white, hard	1505	- 1528	23
Slate, white, soft	1528	- 1560	32
Lime, white, open	1560	- 1575	15
✓ Little Dunkard Sand, white, soft	1575	- 1618	43
Slate, dark, soft	1618	- 1654	36
✓ Big Dunkard Sand, white, hard (gas, 1665-67', 4/10 W. in $\frac{1}{2}$ "; (SLM, 1659'))	1654	- 1705	51
Slate, dark, soft	1705	- 1752	47
Lime, white, soft	1752	- 1790	38
✓ Gas Sand, white, hard	1790	- 1860	70
Slate, dark, soft	1860	- 1865	5
Stray sand, white, soft	1865	- 1904	39
Slate, white, soft	1904	- 1941	37
✓ 1st Salt Sand, white, hard (gas, 1955-57'; 8/10 W. in 1")	1941	- 1972	31
Slate, dark, soft	1972	- 1982	10
✓ 2nd Salt Sand, white, hard	1982	- 1985	3
2nd Salt Sand, white, soft (water, 1985-2005'; 10 bailers p/hr.)	1985	- 2005	20
2nd Salt Sand, white, open	2005	- 2105	100
Slate, dark, soft	2105	- 2117	12
✓ 3rd Salt Sand, white, hard (hole full water at 2119-2127')	2117	- 2235	118
Lime, white, open	2235	- 2270	35

(CONTINUED ON NEXT PAGE)

	Top.	Bottom.	Thickness.
Slate, white, soft	2270	- 2280	10
Red rock, soft	2280	- 2309	29
Slate, white, soft (SILM at 2416')	2309	- 2339	30
✓ Maxton Sand, white, hard	2339	- 2377	38
Slate, white, soft	2377	- 2387	10
✓ Lime, white, hard Little Lime	2387	- 2400	13
✓ Pencil slate, dark, soft and open	2400	- 2405	5
Big Lime, white, hard and close	2405	- 2470	65
✓ Big Injun Sand, yellow, hard (soft, 2510 to 2570')	2470	- 2636	166
Slate, dark, soft	2636	- 2641	5
✓ Squaw Sand, yellow, hard	2641	- 2675	34
Slate, dark, soft	2675	- 2752	77
Lime-Shells, white, soft	2752	- 2779	27
Slate, dark, soft	2779	- 2785	6
Lime, white, hard	2785	- 2796	11
Slate, white, soft	2796	- 2802	6
Lime, white, hard and gritty	2802	- 2895	93
Slate, dark, soft	2895	- 3000	105
✓ Gantz Sand, white, hard and close	3000	- 3018	18
Slate, white, soft	3018	- 3050	32
Lime, white, open	3050	- 3068	18
Slate, white, soft	3068	- 3105	37
Pink rock, open	3105	- 3129	24
Slate, white, soft	3129	- 3190	61
Lime, white, broken	3190	- 3205	15
Slate, white, soft (SILM. 3225')	3205	- 3225	20
Slate, pink, soft	3225	- 3245	20
✓ Gordon Sand, white, soft and hard (gas. 3265-70', 12/10 W. in 1/2") (gas. 3280-86', 9/10 W. in 2") (SILM, 3267')	3245	- 3295	50
Slate, white, soft	3295	- 3329	34
✓ 4th Sand, white, hard	3329	- 3340	11
Slate, white, soft	3340	- 3380	40
Lime, white, open	3380	- 3395	15
Slate, white, soft	3395	- 3440	45
Lime, white, soft	3440	- 3460	20
Slate, white, soft	3460	- 3498	38
Lime, white, open	3498	- 3520	22
Slate, white, soft	3520	- 3561	41
Lime, white, hard and gritty	3561	- 3570	9
Slate, white, soft	3570	- 3634	64
Total depth (Final test, 5/10 W. in 2")		3634	

County Dist., Federal No. & No.

Depth	Color	Texture	0	1	2	3	Notes
Lime	Dark	Soft					
Clay	Red	"					
Rock	White	Hard	8	12	8	12	
Clay	Blue	Soft	15	30	14	30	
Lime	White	Open	30	65	35	65	
Red Rock	Red	Soft	65	70	5	70	
Lime	White	Hard	70	90	20	90	
Slate	Dark	Soft	90	110	20	110	
Lime	White	Hard	110	141	31	141	
Slate	"	Soft	141	165	24	165	
Red Rock	Red	Open	165	173	8	173	
Lime	White	Hard	173	200	27	200	
Slate	"	Soft	200	215	15	215	
Lime	"	Hard	215	230	14	230	
Red Rock	Red	Open	230	242	12	242	
Slate	Dark	Soft	242	265	23	265	
Lime	White	Hard	265	278	13	278	
Slate	"	Soft	278	295	17	295	
Lime	"	Hard	295	306	11	306	
Red Rock	Red	Open	306	329	23	329	
Slate	White	Soft	329	354	25	354	
Lime	"	Open	354	422	68	422	
Lime	"	Hard	422	440	18	440	
Slate	"	Soft	440	468	28	468	
Lime	"	Open	468	485	17	485	
Slate	Dark	Soft	485	503	18	503	
Lime	White	Hard	503	520	17	520	
Slate	Dark	Open	520	536	16	536	
Slate	White	Soft	536	620	82	620	
Red Rock	Red	"	620	630	10	630	
Lime	White	Hard	630	645	15	645	
Slate	"	Soft	645	660	15	660	
Stray Sand	"	Open	660	682	22	682	
Red Rock	Red	Soft	682	690	8	690	
Lime	White	Hard	690	703	13	703	
Slate	Dark	Soft	703	722	19	722	
Lime	White	Hard	722	728	6	728	
Coal	Black	Soft/Open	728	732	4	732	(Waynesburg)
Slate	White	Soft	732	780	48	780	
Stray Sand	"	Hard	780	810	30	810	
Slate	Dark	Soft	810	817	7	817	
Lime Stone	White	Hard	817	830	13	830	
Stray Sand	"	Soft	830	865	35	865	
Coal	Black	"	865	869	4	869	(Orientown)
Lime	White	Hard	869	878	9	878	
Slate	"	Soft	878	897	19	897	

Cont'd to Sheet No. 2

Well was not shot at _____ feet, well was shot at _____ feet.

Has _____ salt _____ feet, fresh water at _____ feet.

Well was _____ producing _____
 Well was 6-5/8 inch _____

PITTSBURGH & WEST VA GAS COMPANY.

May 10th, 1934.

Approved _____

By, Y. E. Hinkle

Formation	Color	Condition	Depth (ft.)	Pressure (psi)	Temperature (°F)	Flow (gpm)	Notes
Lime	White	Open	898	918	15	718	
Slate	Dark	Soft	918	940	22	940	
Lime	White	Hard	940	958	22	942	
Slate	"	Soft	958	981	19	981	
Lime	"	Hard	981	1000	19	1000	
Slate	"	Soft	1000	1038	32	1038	
Lime	"	Hard	1038	1060	28	1060	
Slate	"	Soft	1060	1086	6	1086	
Lime	"	Hard	1086	1087	21	1087	
Slate	Dark	Open	1087	1098	5	1092	
Lime	White	Hard	1098	1108	13	1108	
Slate	Dark	Soft	Sh. Gas 1113-17	1108	8	1118	(S.L. 1113')
Coal	Black	Open	1113	1117	4	1117	(Sewickley)
Lime	White	Hard	"	1117	28	1145	
Slate	"	Soft	"	1145	53	1198	
Stray	"	"	"	1198	6	1204	(S.L. 1204')
Coal	Black	"	G-1204-08	1204	8	1212	(Pittsburgh)
Slate	White	"	"	1212	31	1243	
Red ls	Red	"	"	1243	5	1248	
Lime	White	Hard	"	1248	37	1285	
Slate	"	Soft	"	1285	48	1333	
Murph and	"	Open	"	1333	27	1360	
Slate	"	Soft	"	1360	32	1392	
Lime	"	Hard	"	1392	20	1412	
Slate	"	Soft	"	1412	58	1470	
Red ls	Red	"	"	1470	35	1505	
Lime	White	Hard	"	1505	23	1528	
Slate	"	Soft	"	1528	52	1560	
Lime	"	Open	"	1560	15	1575	
L. David	"	Soft	"	1575	45	1618	
Slate	Dark	"	"	1618	36	1654	(S.L. 1654')
Big David	White	Hard	G-1655-67	1654	51	1705	G-.4-W 1/2"
Slate	Dark	Soft	"	1705	47	1758	
Lime	White	"	"	1752	38	1790	
Gas ls	"	Hard	"	1790	70	1860	
Slate	Dark	Soft	"	1860	5	1885	
Stray	White	"	"	1885	39	1904	
Slate	"	"	"	1904	37	1941	
1st. ls	"	Hard	G-1955-57	1941	31	1972	G-.8-W-1"
Slate	Dark	Soft	"	1972	10	1982	
2nd. ls	White	Hard	"	1982	3	1985	
2nd.	"	Soft	W-1985 to 2005	1985	20	2005	W 10 Bailor Hr.
2nd.	"	Open	"	2005	100	2105	
Slate	Dark	Soft	"	2105	12	2117	
3rd. ls	White	Hard	W-2119 to 2127	2117	118	2235	Hole full Water

No. 1985-2005
 No. 2119-2127
 producing 6-5/8 inch
 10th 1934.

Pittsburgh & West Virginia Gas Co.
2/3 1. West Virginia
611 Market St., Wheeling, W. Va.

Pittsburgh & West Virginia Gas Co.
Martinsburg, West Va.

August 1790.

WELL AND LOCATION

Street

Section

Block

Well No.

J.J. Ashcraft

APPROVED: (SEE PAGE 10) I HEREBY ADVISE YOU THAT THIS WELL IS REGISTERED WITH THE DEPARTMENT AND COPY TO BE RETURNED BY THE OPERATOR AND THE TOWN AND COUNTY RECORDS OFFICERS TO BE KEPT IN THE PUBLIC OFFICE UNDER SAID NAME OF THEIR RESPECTIVE OFFICES.

AFFIDAVIT

STATE OF WEST VIRGINIA

Wetzel

COUNTY OF

George Gilley

John V. Lessor

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Pittsburgh & West Va. Gas Co. and participated in the work of plugging and filling the above well, that said work was commenced on

the 21 day of May 1904

and that the well was plugged and filled in the following manner:

Manner in which well was plugged: Total depth of well 2824 feet.
Hole bridged at 2876 feet, Clay 2876 to 2828 feet, Cement 2828 to 2818 feet, Hole bridged at 2708 feet, Clay 2708 to 2620 feet, Wood plugs 2620 to 2600 feet, Lead plug 2607 to 2605 feet, Cement 2605 to 2620 feet, Hole bridged at 2528 feet, Clay 2528 to 2520 feet, Cement 2520 to 2100 feet, Clay 2100 to 1921 feet, Cement 1921 to 1921 feet, Clay 1921 to 1876 feet, Cement 1876 to 1828 feet.

Manner in which well was cemented: Cut holes in 8-1/4" casing at 1925 and 1921 feet and left 8-1/4" casing in hole for vent through coal, casing left open to surface. (Could not pull 8-1/4" casing.)

1 - 8-1/4 x 8" Swedge Hipple, 12 feet of 8" pipe and 1 - 8" Ball Plug in top of 8" vent pipe, ball plug perforated as to allow any gas that accumulates to escape.

Description of monument: Cement and iron pipe post, Pittsburgh & West Virginia Gas Company 75-225.

THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 19, ARTICLE 4, CHAPTER 22 OF THE

and that the work of plugging and filling said well was completed on the 14 day of August 1904.

1904. And further deponents each say:

George Gilley
John V. Lessor

OK 231 10/10/34
WESING. NET. 116