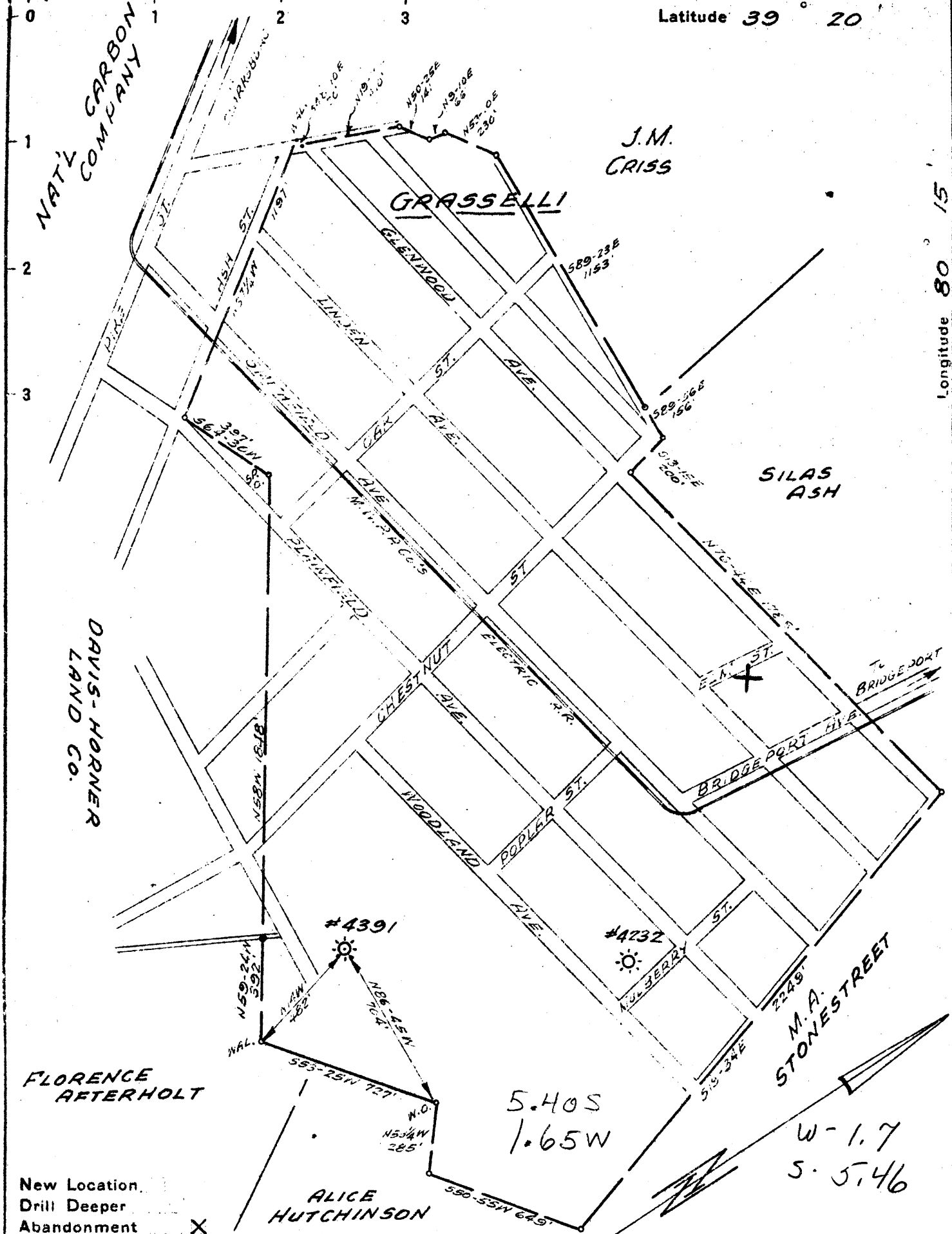


Latitude 39 20

Longitude 80 15



Company PITTSBURGH & W.VA. GAS CO.
 Address CLARKSBURG, W.VA.
 Farm DAVIS-HORNER LAND CO.
 Tract _____ Acres 177 Lease No. 13722
 Well (Farm) No. IND Serial No. 4391
 Elevation (Spirit Level) 1247' V.A.
 Quadrangle CLARKSBURG S.E. 43-4
 County HARRISON District SIMPSON
 Engineer James D. Griffin
 Engineer's Registration No. 1084
 File No. V-76, P-72 Drawing No. _____
 Date DEC. 2, 1940 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. HAR-612A

+ 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

WELL RECORD

Harrison
Permit No. 612-A

Oil or Gas Well Gas
(Kind)

Company Pittsburgh & West Va Gas Company
Address Clarkeburg, West Va.
Farm Davis-Harner Land Company Acres 177
Location (waters) Clks. S/2. 4-3-4
Well No. 4392 - 4391 Elev. 1247
District Simpson County Harrison
The surface of tract is owned in fee by Davis-Harner Co.
Box 6 Address Clarkeburg, W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced September 29th, 1915
Drilling completed November 1st, 1915
Date shot 11-2-1915 Depth of shot 2429
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
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	266'	None	Size of
8 1/4	1006'	None	
6 3/4	1102'	1102'	Depth set
5 3/16	2240'	2240'	
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
Un-recorded Sand	White	Hard	0	175	Water	135'	
Slate			175	190			
Big Dunkard	White	Hard	190	495			
Slate			495	498			
1st. Salt Sand	White	Hard	498	643			
Slate			643	705			
2nd. Salt Sand	White	Hard	705	720			
Slate & Shells			720	925			
Sand	White	Hard	925	980			
Slate & Shells			980	990			
Sand	White	Hard	1040	1075	Water	985'	
Slate			1075	1120			
Hansen Sand	White	Hard	1120	1160			
Slate			1160	1210			
Red Rock			1210	1280			
Slate			1280	1330			
"			1330	1375			
Big Lime	White	Hard	1375	1419			
Big Injan Sand	"	"	1419	1555			
Slate & Shells			1555	1694			
Fifty Foot Sand	White	Hard	1694	1936	Gas	2127'	
Slate			1936	1990			
Reddish Thirty Foot Sand			1990	2110			
Shredded Rock			2110	2115			
Slate & Shells			2115	2140			
Stray Sand	White	Hard	2140	2190			
Slate			2190	2260			
Gooden Sand	White	Hard	2260	2275			
Slate & Shells			2275	2409			
9th. Sand	White	Hard	2409	2437			
Slate & Shells			2437	2443			
Total Depth				2443			

Record of Well No. 4391 Located on Davis-Arner Co Farm Sept 8 1915
Simpson District Harrison County West Va State
 Division 17 District No. 11 Drilled under well Order 332
 Rig built by John Craig Began Sept 20 1915 Completed Sept 27 1915
 Well drilled by Mark Hartness Began Sept 29 1915 Completed Nov 1 1915
 Depth of Well 2481 feet Size of Hole 5-3/16 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
466'	10"	Raw	Reclaimed 11-6-1915
1006'	8 1/4"	Old	" "
1482'	6 5/8"	"	1-6 5/8" shoe
2240'	5 3/16"	"	1-5 3/16" "

Elev. 1247 G.L.

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS (Thickness)
Big Sand			455	480	Water 180-200 ft
Gas sand			585	575	
1st. salt sand			642	705	
2nd "			725	925	" 980-200 ft in 7'
Sand			988	990	
Sand			1060	1072	
Mason sand			1120	1160	
Big lime			1275	1449	
Big lime			1449	1535	Gas 1457 - 4/10 21 2'
50 ft. sand			1894	1936	
North Hill sand			1950	2110	
Woodbury			2238	2252	
Woodland			2260	2275	
Wet sand			2409	2437	Gas 2427 - 4/10 21 2'

(110) Bridgeport - Pruntytown

FIRST PRESSURE TEST IN

5 3/16

CASING

REMARKS

30 Sec.	24/10	lbs.	After Shot					Shot 11-2-1915	
1 Min.	44/10	"	1/2	1	2	3	4	5	15 lbs. 57 sand
2 "	5	"	2	4	6	8	10	12	Bot. Shell 2429
5 "	10	"							
10 "	20	"	10	20	30	60			
15 "	30	" 42	26	54	74	130			
30 "	62	" 118							
Rock Pressure	600	" in 16 hrs.	P. P. 265-14 hrs						
Taken	Nov 1	1915							
By	D. E. Jones								

WELL TUBED AND PACKED

Nov 5 1915

VIZ:-

Used 127 lbs. 2481 ft 2" Tubing
 1-5 3/16 x 2 A. W. Packers
 10 lbs. 169 ft. of Anchor

FIRST PRESSURE TEST IN

2"

TUBING

REMARKS

30 Sec.	9	lbs.						
1 Min.	18	"						
2 "	27	"						
5 "	55	"						
10 "	107	"						
15 "	150	" 180						
30 "	232	"						
Rock Pressure		" in						
Taken	Nov 5	1915						
By	P. P. Dolan							

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Well # 4391 Davis-Harvor Co.

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay. sand		175				
Shale	175	190				
Shale	190	455				
Biddisford	455	480				
Shale	480	643				
1st. salt sand	643	705				
Shale	705	720				
2nd. salt sand	720	925				
Shale & shells	925	990			980	
sand	990	1060				
sand	1060	1075				
Shale	1075	1120				
Marion sand	1120	1160				
Red Rock	1160	1240				
Shale	1240	1280				
Red Rock	1280	1375				
Big Lime	1375	1449				
Big Limestone	1449	1555		1459		
Shale & Shells	1555	1894				
Light Root	1894	1936				
Shale	1936	1950				
Light Root	1950	2110				
Red Rock	2110	2215				
Water Shells	2215	2238				
Gordon Gray	2238	2250				
Shale	2250	2260				
Gordon sand	2260	2275				
Shale & shells	2275	2409				
4th. salt sand	2409	2437				
Shale & shells	2437	2481		2427		
Total Depth		2481				