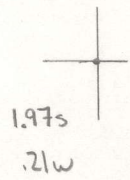


Latitude

Longitude



Topo Location

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

Company _____

Farm _____

15' Quad _____
(sec.)

7.5' Quad Mannington

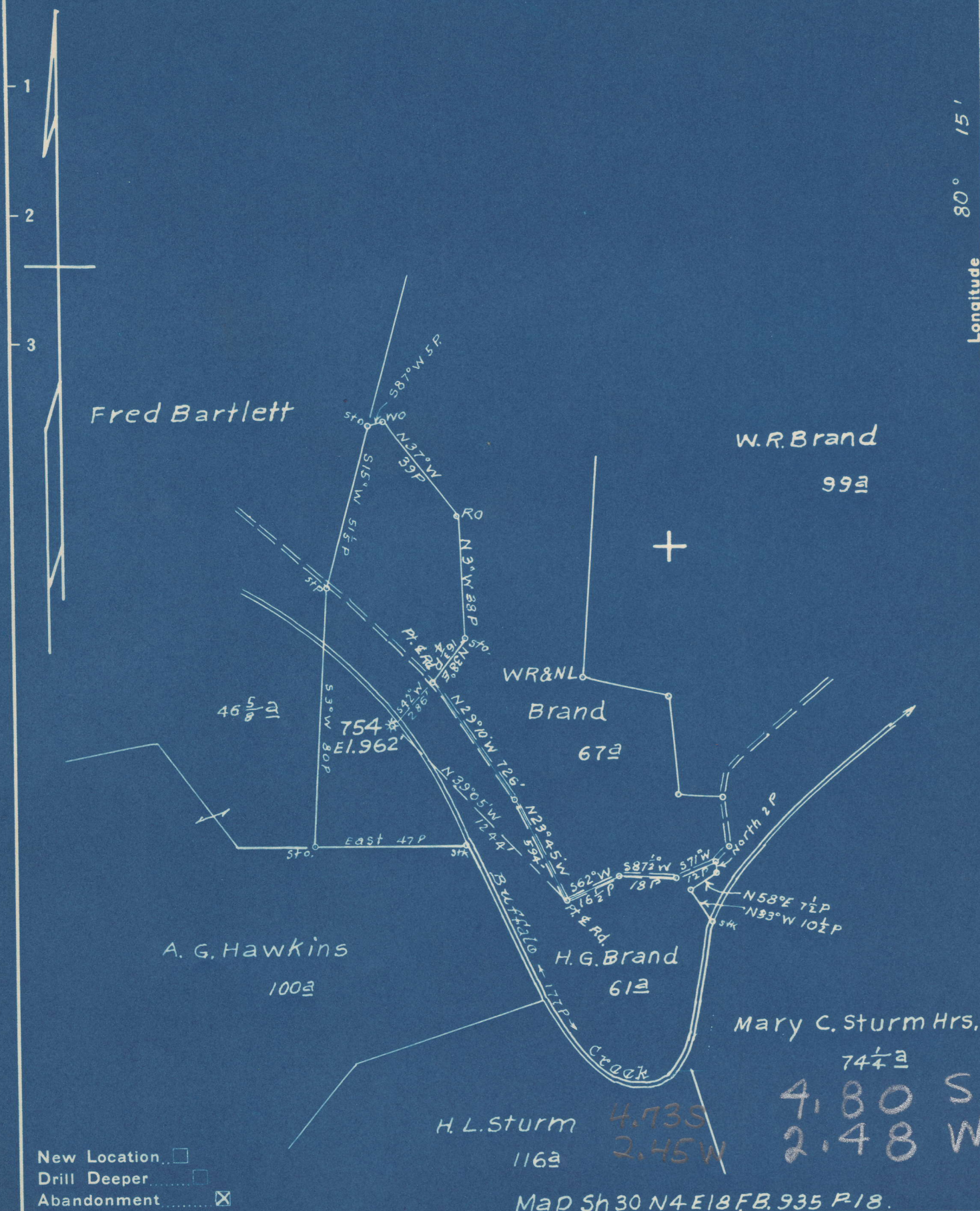
District Lincoln

WELL LOCATION PLAT

County 049 Permit 30646

Latitude 39° 35'

Longitude 80° 15'



Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm H.G. Brand
 Tract _____ Acres 61 Lease No. 1879
 Well (Farm) No. _____ Serial No. 754
 Elevation (Spirit Level) 962
 Quadrangle Mannington
 County Marion District Lincoln
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 6-23-49 Scale 1" = 40P

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

WELL LOCATION MAP
 FILE NO. MAR-646-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

726

646-A

WELL RECORD

Permit No. _____ Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm H.G. Brand Acres 61
 Location (waters) _____
 Well No. 754 Elev. 962
 District Lincoln County Marion
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced September 2, 1905
 Drilling completed November 11, 1905
 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 1210 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	356	356	Size of
8 1/4	1380	837	
6 5/8	1560	1560	Depth set
5 3/16	2472	2472	
3			Perf. top
2	2715	2715	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

NOT
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 180 FEET ? INCHES
295 FEET ? INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mapleton coal			180	185 Est.			
Pittsburgh Coal			295	303 Est.			
Murphy sand			465	485			
Little Dunkard			660	685			
Big Dunkard			770	885			
Gas sand			1085	1150			
Salt sand			1185	1300	water	1210	
Little Lime			1545	1557			
Pencil cave			1557	1560			
Big Lime			1560	1647			
Big Injun			1847	1810	gas	1651 1800	
Sand			2110	2135	show gas	?	
Fifty foot			2220	2270	gas	2228	
Stray			2440	2452			
Gordon			2560	2475			
Fourth			2560	2575	gas	2678	
Fifth			2688	2710	gas	2694	
Total depth				2702			

