

Latitude 38° 25'

Longitude 82° 15'

New Location
 Drill Deeper
 Abandonment

FEB 1 1953

3.77 W
 0.89

Company HAMILTON GAS CORPORATION
 Address CHARLESTON, W. VA.
 Farm CLAUDE H. THORNBURG
 Tract _____ Acres 311.75 Lease No. LWC-37
 Well (Farm) No. 1 Serial No. P-77
 Elevation (Spirit Level) 580
 Quadrangle GUYANDOT
 County CABELL District BARBOURSVILLE
 Engineer A. C. Ewing
 Engineer's Registration No. 7309
 File No. _____ Drawing No. _____
 Date 4-2-51 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. CAB-51-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.

CLAUDE H. THORNBURG No. 1 (P-77) - HAMILTON GAS CORP. - CAB-51-A

Cabell 51-A

Barboursville District, Cabell County, W. Va.
 By Hamilton Gas Corp., Box 2387, Charleston, W. Va.
 Abandoned under permit Cab-----A1

On 311.75 acres, on Guyandot River.

Elevation, 530' L.

Drilling commenced June 16, 1928; completed Aug. 4, 1928.

Open flow, 4/10ths W. in 2".

Volume, 24,000 cu. ft.

Rock pressure, 710# in 24 hrs.

Fresh water, 50', hole full.

Salt water, 1070', hole full.

13" casing, 77'; 10" O. D., 158' (pulled); 7" O. D., 1623'.

No packer.

10" casing did not shut off water. Hole full until 8 1/2" casing was run.

Hole full water, 1070'. Show gas, 2928' (not enough to gauge).

Show gas, 3075'. Burned 2" through 2" before shot. Shot with 600 qts. glycerine at 3108-2757'.

Gas well. Record to Dept. of Mines stamped April 13, 1951.

Record to RCT from Mrs. Griffith June 28, 1951. Old File No. 193.

	Top.	Bottom.
Sand and gravel	0	75
Blue shale	75	125
Slate	125	130
Sand	130	150
Slate	150	480
Sand	480	525
Coal	525	528
Slate	528	605
Sand	605	630
Slate and lime	630	1050
Salt Sand	1050	1190
Red rock	1190	1203
Slate	1203	1255
Little (?)	1255	1262
Slate	1262	1270
Lime shells	1270	1274
Pencil Cave	1274	1276
Big lime	1276	1448
Slate	1448	1535
Big Injun Sand	1535	1620
Slate	1620	1948
Slate and lime	1948	2068
Brown shale	2068	2093
Berea Sand	2093	2109
Slate	2109	2756
Brown shale	2756	2825
Slate	2825	2880
Brown shale	2880	2930
Slate	2930	2937
Brown shale	2937	2970
Slate	2970	2995
Brown shale	2995	3012
Slate	3012	3018
Brown shale	3018	3108
White slate	3108	3125
Total depth		3125



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

193

WELL RECORD

Permit No.

Oil or Gas Well Gas
(KIND)

Company Hamilton Gas Corp.
 Address Box 2387, Charleston, W. Va.
 Farm C. H. Thornburg Acres 311.75
 Location (waters) Guyan River
 Well No. P-77 Elev. 580
 District Barboursville County Cabell
 The surface of tract is owned in fee by Same
 Address
 Mineral rights are owned by Same
 Address
 Drilling commenced 6-18-1928
 Drilling completed 8-4-28
 Date Shot From To
 With
 Open Flow 4 /10ths Water in 2" Inch
 /10ths Merc. in Inch
 Volume 84 M Cu. Ft.
 Rock Pressure 710# lbs. 24 hrs.
 Oil bbls., 1st 24 hrs.
 Fresh water HPW feet 50 feet
 Salt water HPW 1070' feet feet

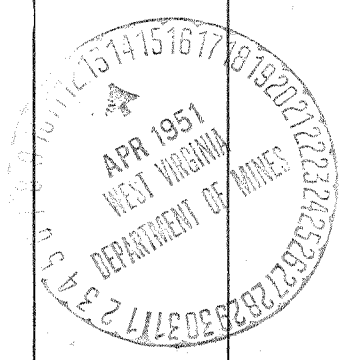
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>None</u>
16			
13	77'	77'	
10 3/4 O.D.	158	Pulled	Size of <u> </u>
8 1/4 7 O.D.	1623	1623	Depth set <u> </u>
6 1/2			
5 3/16			
3			Perf. top <u> </u>
2			Perf. bottom <u> </u>
Liners Used			Perf. top <u> </u>
			Perf. bottom <u> </u>

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
Sand & Gravel			0	75			
Blue Shale			75	125			
Slate			125	130			
Sand			130	150			
Slate			150	480			
Sand			480	525			
Coal			525	528			
Slate			528	605			
Sand			605	630			
Slate & Lime			630	1050			
Salt Sand			1050	1190			
Red Rock			1190	1203			
Slate			1203	1255			
Little			1255	1262			
Slate			1262	1270			
Lime Shells			1270	1274			
Pencil Cave			1274	1276			
Big Lime			1276	1448			
Slate			1448	1535			
Big Injun			1535	1620			
Slate			1620	1948			
Slate & Lime			1948	2068			
Brown Shale			2068	2093			
Berea Sand			2093	2109			
Slate			2109	2756			
Brown Shale			2756	2825			
Slate			2825	2880			
Brown Shale			2880	2930			
Slate			2930	2937			
Brown Shale			2937	2970			
Slate			2970	2995			
Brown Shale			2995	3012			
Slate			3012	3018			
Brown Shale			3018	3108			
White Slate			3108	3125			
Total Depth				3125			

10" casing did not shut off water.
 Hole full until 8 1/2" casing was run.
 Hole full water 1070'.
 Show gas 2928'
 (Not enough to gauge.)
 Show gas 3075'.
 Burn 2' through 2" before shot.
 Shot with 620 qts. glycerine from
 3108-2757'.



(Over) JUN 28 1951