

LATITUDE 39° 25'

78° 45'

LONGITUDE



7'5 OGIS topo location

Location determined from well record

7.5' 10C _____ 15' 10C 5.64 S
 _____ (~~6.64 S~~) 3.38 W

Company Maryland Natural Gas 2715

Farm Hugh Clewley I

Quad Keiper 15' EA

County Hampshire

District Mill Creek

WELL LOCATION MAP

File No. 027-39
(WVGES # 4000 80001 'A')

Hugh Clower No. 1 Well.

HAMP-A
now HAMP 39

Mill Creek District, Hampshire County, W. Va.
By Maryland Natural Gas Utilities Corporation.
(Started by Hampshire Oil & Gas Co., and drilled to 408').
Hamp-A on map.
Elevation, 750' B.

Dry hole.
Located 5.64 mi. S. of 39° 25' and 3.38 mi. W. of 78° 45'—EC—Keyser
Quadrangle.

On west side of Dumping Run of Mill Creek.
0.1 mi. W. of Mechanicsburg (old P. O.); 3.0 mi. S. 78° W. of Romney.

	Top.	Bottom.	Thickness.	Elevation (top)
Corniferous Lime -----	400	412	12	+ 350
	412	516	104	+ 338
Oriskany Sand (series)	516	1040	(524)	+ 234

Thickness, Devonian Shales, 400+ feet. Total depth, 1785'.

Remarks: Completed July 1934. Starts in Marcellus Shale.
Only a small portion of total Devonian Shales penetrated.
Dip at well about 35°. Thicknesses increased about 20 per cent.
Gas shows at 516', 765', and 1509'. Fresh water, 1346'.
On 27,000 acres (total all leases?).

WVGES - Vol XVI, 1944 p. 60

(A)

Mill Creek District, Hampshire County, W. Va.
 By Maryland Natural Gas Utilities Corporation, Cumberland, Md.
 Started by Hampshire Oil & Gas Co., in 1931, and sold in April
 1936, to above corporation.

Drilling was resumed in May 1934. Well shut down at present. (1936)
 In waters of Mill Creek, 0.1 mi. west of old Mechanicsburg P. O.,
 and 3 mi. S. 78° E. of Romney.

1.13 mi. S. of 78° 50' and 0.2 mi. N. of 39° 20' - Keyser
 quadrangle.

554 W. S. 4 39 25

Elevation, 720' ±.

Dip at well, about 35 degrees. Thicknesses shown in well record
 are therefore increased about 20 per cent.

In 516'; to 524'; 524' - 530'; 530' - 536'; and 150'.

Record published on p. 171 of Volume VII, Deep-Well Records, 1936,
 of W. Va. Geological Survey.

	Top.	Bottom.
Surface	0	12
Slate and coal? (black slate)	12	24
Lime	24	75
Slate	75	80
Lime (fresh water at 90')	80	90
Slate (gas show at 200')	90	400
Lime (lower Fellinggrove)	400	412
Shale, green (gas show at 516')	412	516
Lime, sandy, and manganese (gas show at 765') (top of Crickony)	516	820
Lime, sandy, black	820	840
Lime, sandy, white	840	860
Lime, sandy, black	860	890
Sand, sharp, black (Shriver Short)	890	1040
Lime, black	1040	1155
Shale, gray, sandy	1155	1197
Lime, white, sandy (Keyser)	1197	1270
Lime, sharp, sandy	1270	1326
Sand, limy, brown to buff (fresh water at 1346')	1326	1370
Lime, gritty (gas show at 1509')	1370	1522
Sand, sharp	1522	1635
Slate	1635	1655
Sand, limy, dark-gray to black	1655	1680
Slate and lime shells	1680	1750
Sand, black, limy	1750	1785
Total depth (shut down)		1785

Hamp A

now from RWA - 3/11/35
Hamp 39

for Clover No. 1 -

on western of Mill cr - 0.1 mi W. of Mechanical D.P. + 3 mi, 878
 of Rourney - elev - 750 B. Started in 1931 by Hampshire D.P.C. - drilled
 to depth of 408'. In April 1932, the rig, equip + well were acquired by Maryland Nat. Gas
 Utilization Corp., W.P. Roth, Pres, Annapolis, Md. + started drilling started on the well -
 + 5 d. % casing found tied up in dead bank. Drig. resumed in July, 1934, + well has now
 reached a total depth of 1785'. The 8 1/4" casing collapsed recently about 1000 ft down -
 the hole at the 16" int., the drilling crew were endeavoring to wedge-out the
 collapsed joint of casing so that drilling operations could be resumed.
 Leasehold covers 27,500 acres, for 7.2 mi NE of Mill cr + 5 mi SW of Mill cr.
 a comparatively wide belt of average size of 2 mi x 1 mi of water.

Dev.

	Th -	2nd	3rd	4th
Mudstone (576')				
Surface	12	12	0	
Sh + coal? (should be black slate - RWA)	12	24	12	
Lm	51	75	24	75
Sh	5	80	75	80
Lm (fresh water at 90')	10	90	80	90
Sh - (gas show at 200')	310	400	90	400
Lm. (some bituminous - RWA)	12	412		
Sh - green. (gas show at 576')	104	576		
Oniskony series (524')				
Lm, sandy + mangrove (gas show at 765')	304	820	576	820
Lm, sandy, blk -	20	840	820	840
" " white	20	860	840	
" " blk -	30	890	860	890
Sand, shaly, black (thin chert - RWA)	150	1040	890	1040
Shl - green (235')				
Lm, blk -	115	1155	1040	1155
Sh, gray, sandy -	38	1193	1155	1193
Lm, wh, sandy (key bed - RWA)	77	1270	1193	1270
Alumina system				
Bonardville series (365')				

Ln, sharp, sandy	56 - 1326	1270	
ss, limy, brown to buff (erroneously called "Garden" by drilling crew)			
fresh water at 1346'	44 - 1370	1396	1370
Ln, fairly - (90' show at 1504')	152 - 1522	1370	1522
ss, sharp -	113 - 1630	1522	1635
Roundout Series (150')			
sl -	20 - 1650	1635	1655
ss, limy, dark gray to blk -	25 - 1680	1655	1680
sl & thin shales	70 - 1700	1680	1750
ss, blk. limy, to bottom of hole	35 - 1785	1750	1785

350' of (pic - 200')

540

Hugh Clower No. 1 -

on western of Mill ch - 0.1 mi W. of old Mechanicsham D.P. & 3 mi. S 78° W.
 of Rowney - elev - 750 B. Started in 1931 by Hampshire Drilling - drilled
 to depth of 438'. In April 1932, the rig, equip & tools were acquired by Maryland Drilling Co.
 W. R. Booth, Pres., Annapolis, Md. & later drilling started on the well -
 & 5 d. of casing found tied up in dead tank. Log resumed in May, 1934, well has now
 reached a total depth of 1785'. The 8 1/4" casing all put recently about 1000 ft down in
 the hole & on the 16" int. the drilling crew were endeavoring to sledge-out the
 collapsed joint of casing so that drilling operations could be resumed.
 Landed across 27,000 acres, for 720 NE of Mill ch & 5 mi SW of Mill ch. &
 a compass with belt of average iron & of heavy mass of water.

Dev.

	Th -	Start		
Mucellus (576')				
Surface	12	12	0	
Sh & coal? (Should be black slate - R/W)	12	24		
Lm -	51	75		
Sh	5	80		
Lm (fresh water at 90')	10	90	80	90
Sh - (gas show at 200')	310	400	90	200
Lm. (some delinquent - R/W)	12	412		
Sh - green. (gas show at 576')	104	576		
Oriskany series (524')				
Lm sandy & manganese (gas show at 765')	304	820	716	
Lm. sandy, blk -	20	840	740	840
" " white	20	860		
" " blk -	30	890	860	890
Sand, shaly, block (thin chert - R/W)	150	1040	890	1040
Sh - series (230')				
Lm, blk -	115	1155	1040	1155
Sh, gray, sandy -	38	1193	1155	1193
Lm, wh, sandy (Keyser? R/W)	77	1270	1193	1270
Alumina System				
Boonville series (365')				

56 - 1326 1370 1390

ss, sharp, sandy
112, limy, brown to buff (erroneously
called "Garden" by drilling crew)

fresh water at 1346' 44-1370 1370 1390

ss, gritty - (90' show at 100 ft) 152-1522 1520 1530

ss, sharp - 113-1630 1620 1630

Randout Series (150')

ss - 70-1650 1630 1650

ss, limy, dark gray to blk - 25-1680 1650 1680

sl + fine shales 70-1700 1680 1700

ss, blk, limy, to bottom of hole 35-1785 1770 1785

300' - (inc - 200')