

7.5' loc  
 1.6PS 39°22'30"  
 0.154 78°37'30"  
 15' loc gate  
 4.56S  
 2.36W

Pine Stump  
 at a gate  
 4.57 S  
 2.33 W  
 5-5C (F-17)

BM - USGS - 925  
 LATITUDE 39°21'00"  
 LONGITUDE 78°39'00"  
 HANGING ROCK QUADRANGLE

- New Location
- Drill Deeper
- Redrill
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company	Hampshire Gas Co.
Address	1100 H St., Washington, D.C.
Farm	Lester & Wyona Fultz
Tract	Acres 122.5 <sup>+</sup> Lease No. 48
Well (Farm) No.	13 Serial No.
Elevation (Spirit Level)	1121.2 August 25 '92
Quadrangle	Hanging Rock - C
County	Hampshire District Gore
Engineer	John J. [unclear]
Engineer's Registration No.	4231
File No.	Drawing No. 64-31-F
Date	2-1-65 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. HAMP-17  
 (converted to storage well)

+ 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.

Allen Blueprint & Supply Co.  
 Samples 80'-5419' 29 Top

6-6 326

Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 7

Rotary  1-6-66  
Spudder   
Cable Tools   
Storage

Quadrangle Hanging Rock  
Permit No. HAMP-17

WELL RECORD

Oil or Gas Well Gas (KIND)

Company Hampshire Gas Company  
Address 1100 H St., N.W., Washington, D. C.  
Farm Lester W. Fultz Acres 122 1/2  
Location (waters) Near Little Cacapon River  
Well No. 13 Elev. 1121  
District Core County Hampshire  
The surface of tract is owned in fee by Lester W. Fultz  
Address Romney, W. Va.  
Mineral rights are owned by Lester W. Fultz  
Address Romney, W. Va.

Drilling commenced March 29, 1965  
Drilling completed June 10, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow 0.7 /10ths Water in 1.939 Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \* See Below \_\_\_\_\_ Cu. Ft.  
Rock Pressure (1992.0) lbs. 116 hrs.  
Oil (2005.0 - 95 Days) bbls., 1st 24 hrs.

WELL ACIDIZED Primary - 30,000 Gallons 10%  
Overflush - 2,000 Gallons 3%

~~XXXXXX~~ \* Initial approximately 1,000 MCF/Day, 119 MCF/Day (4 Days)

RESULT AFTER TREATMENT 1,044 MCF/Day (8 Hours 35 Minutes)

ROCK PRESSURE AFTER TREATMENT 2000.4 (35 Days)

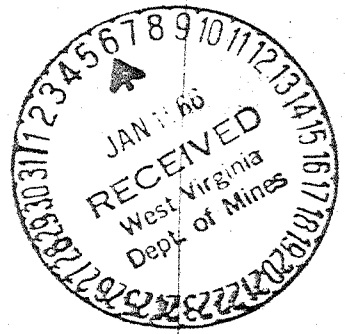
Fresh Water 2 Zones Feet 68, 95 Salt Water None Feet \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13-3/8" - 48#, H-40		77.00	
9-5/8" - 32.3#, H-40		1305.42	Size of _____
7" - 23#, J-55		3454.38	Depth set _____
7" - 23#, N-80		1791.45	
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED 7" SIZE 5246 No. Ft. 6/2/65 Date  
All casing cemented to surface

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale Silty	Grn-Gry	Soft	0	105	Fresh Water	68 & 95	
Shale and Siltstone - Sandy	Dus Red	Hard	105	470			Catskill
Shale, Siltstone & Sandstone	M-Gry to Blk	Hard	470	1305			
Shale and Siltstone	M Dk Gry	Hard	1305	1535			
Shale and Siltstone - Sandy	Dk Grn-Gry	Hard	1535	1985			
Shale and Siltstone	Dk Grn-Gry to M Dk-Gry	Hard	1985	2950			
Siltstone & Sandstone - Chaly	M Dk-Gry	Hard	2950	3105			
Siltstone - Chaly	M Dk-Gry	Hard	3105	3301			
Limestone	Dk Gry-Brn	Hard	3301	3306			Oolitic



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale, Siltstone & Sandstone	Dk-Gry	Hard	3306	3580			
Siltstone & Silty Shale	M-Gry	Hard	3580	4522			
Limestone	Blk	Hard	4522	4527			
Shale Silty	Dk-Gry	Hard	4527	4816			
Shale Calc	Blk	Soft	4816	5117			Marcellus
Metabentonite & Shaly Limestone	Brn to M Gry	Soft to Hard	5117	5126	METABENTONITE 5117-5121		Onondaga Top Brown-Break
Limestone	M Gry	Hard	5126	5143			Onondaga Needmore
Shale Calc	Dk Gry, Blk	Soft	5143	5243			Needmore
Sandstone	Dk Gry	Hard	5243	5389	Gas	5247	Oriskany
Limestone - Sandy	Brn-Gry	Hard	5389	5405	Gas	5265	Helderberg
				485	Gas	5373	
					Gas	5288	
					Gas	5296	

Hole plugged back to 5305' with gravel and a 5" Cal Seal Plug

Date December 3, 1965

APPROVED Hampshire Gas Company, Owner

By *[Signature]*  
(Title)

Superintendent, Natural Gas Production & Storage