



New Location X(8528)  
 Drill Deeper.....  
 Abandonment.....

Map Sheet 32 - Square N1E7-FB 688 P.29-31

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	E. E. Glover
Tract	Acres 100 <sup>±</sup> Lease No. 24304
Well (Farm) No.	Serial No. 3813-8528
Elevation (Spirit Level)	1368-1243
Quadrangle	Littleton
County	Wetzel District Grant
Engineer	Wm Bowers
Engineer's Registration No.	900
File No.	Drawing No.
Date	Aug. 26, 1940 Scale 1" = 30 <sup>±</sup>

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

WELL LOCATION MAP  
 FILE NO. WET-242

+ 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.

W. 22  
 S. 4.99

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Wet-242  
Littleton Quad.

Gas Well

Company Hope Natural Gas Company  
Address 445 West Main St., Clarksburg, W. Va.  
Farm E. E. Glover ACRES 100  
Location Willy Fork  
Well No. 8528 ELEV. 1244  
District Grant - Wetzel County  
Surface Thos. Bradley, Coburn, W. Va.  
Mineral -  
Commenced Sept. 4, 1940  
Completed Sept. 20, 1940  
Open Flow 30/10ths Water in 1-1/2" FM  
Volume 92,750 c.f.  
Rock Pressure 102 lbs. 24 hrs.  
Fresh Water 56 and 140

CASING & TUBING

8-1/4	17	pulled
6-5/8	201	201
5-3/16	883	883

30' of 5-3/16" casing cemented.  
Coal at 905

Shale	10	
Slate	10	20
Sand	20	35
Lime	35	44
Red Rock	44	56
Lime	56	70
Slate	70	84
Lime	84	100
Slate	100	150
Red Rock	150	165
Slate	165	180
Lime	180	200
Slate	200	220
Red Rock	220	235
Slate	235	265
Slate	265	290
Shale	290	312
Shale - black	312	330
Lime	330	374
Slate	374	458
Shale	458	464
Lime	464	482
Lime Sandy	482	500
Slate	500	528
Lime	528	592
Lime Sandy	592	637
M/Slate - dark	637	676
Lime - hard	676	688
Slate	688	700
Lime	700	808
Shale	808	810
Coal (Mapletown)	810	812
Shale&Lime	812	873
Slate	873	881
Lime	881	896
Slate	896	905
Coal Pittsburgh	905	
Total Depth		908

Gas 905-908

*0.24W 80°30'*  
*5.05 392'*  
*Littleton Quad*

*Abd. June 49*

1244  
905  
-----  
339

*1244*  
*905*  
*339*

E. H. GLOVER NO. 8528 WELL.

Grant District, Wetzel County, W. Va.

By Hope Natural Gas Co., Clarksburg, W. Va.

Located 0.24 mi. W. of 80° 30' and 5.0 mi. S. of 39° 40' - BC - Littleton Quadrangle.

Elevation, 1243' L.

Permit Wet-242.

Drilling commenced Sept. 4, 1940; completed Sept. 20, 1940.

Gas well.

Volume, 92,750 cu. ft.; rock pressure, 102 lbs. in 24 hrs.

8 1/2" casing, 17' (pulled); 6 1/2", 201'; 5", 883'.

Section based on samples from 250 to 866', examined by J. H. C. Martens.

Many of the samples seem to contain large amounts of cavings, as a result of which some parts of the section may not be very accurate. If the top of the Monongahela Formation is correctly located, then this formation has a smaller thickness here than is usual for Wetzel County.

Record from Martens Dec. 2, 1943.

Top. Bottom. Thickness.

DUNKARD GROUP, 637+ FEET

0 - 250	250	No samples
250 - 272	22	Siltstone, green, calcareous and micaceous
272 - 285	13	Siltstone, gray, micaceous
285 - 298	13	Shale and siltstone, gray
298 - 308	10	Shale, gray, very soft; also some siderite
308 - 312	4	Shale and siltstone, gray to black
312 - 318	6	Siltstone, black, micaceous
318 - 326	8	Sandstone, white, fine, 50%; black shale and coal, 30%; white shale and siltstone, 20%; many siderite spherulites in lighter colored fragments
326 - 330	4	Shale, gray and green; also a little coal
330 - 354	24	Shale, green, silty; samples seem to be badly contaminated with cavings
354 - 374	20	Siltstone and shale, gray, black, and green (poor samples)
374 - 394	20	Shale, light-green, silty, micaceous
394 - 458	64	Shale and siltstone, green to gray, with nodules or streaks of limestone; probably much cavings in samples
458 - 464	6	Shale, dark-gray, soft
464 - 478	14	Siltstone, light-gray, sandy, with many small specks of siderite
478 - 500	22	Sandstone, white, fine, slightly calcareous; many small specks of siderite in upper part
500 - 508	8	Shale, light-green and gray
508 - 556	48	Shale and siltstone, light-green and gray; probably much cavings in samples
556 - 566	10	Siltstone, light-gray
566 - 572	6	Sandstone, nearly white, fine
572 - 580	8	Shale, gray, very silty, micaceous
580 - 608	28	Sandstone, very light gray to white, fine, calcareous
608 - 637	29	Sandstone, white, fine; similar to sandstone above except that it contains very little calcareous material (Waynesburg Sandstone)

MONONGAHELA FORMATION, 271 FEET

637 - 650	13	Shale and siltstone, gray, 90%; coal, 10% (Waynesburg Coal)
650 - 676	26	Limestone, light-brown
676 - 720	44	Limestone, light-brown, 60 to 40%; green shale and siltstone, 40 to 60%
720 - 750	30	Limestone, very light brown, 70%; very soft gray, green, and reddish shale, 30%

(OVER)

Top.	Bottom.	Thickness.	
750 -	808	58	Limestone, light-brown, also small amount of gray, green, and brown shale
808 -	810	2	Shale, brownish-gray, soft
810 -	812	2	Coal (Mapletown or Sewickley)
812 -	817	5	Limestone, brown
817 -	821	4	Sandstone, nearly white, very fine
821 -	837	16	Siltstone, light-gray, micaceous (samples also contain various kinds of shale and some brown limestone)
837 -	861	24	Limestone, light-brown, 60%; gray, green, and brown silty shale, 40%
861 -	866	15	Limestone, very light brown
866 -	908	42	No samples
905 -	908	3	Pittsburgh Coal (from driller's record; gas, 905-908')
	908		Total depth