



New Location. X(8527)
 Drill Deeper.
 Abandonment.

Map Sheet 32-Square N9E7 F.B. 688 P30-31

Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm J. W. Hatfield
 Tract Acres 156 Lease No. 3637
 Well (Farm) No. 355-2020-8527 Serial No. 355-2020-8527
 Elevation (Spirit Level) 986-2120-8527
 Quadrangle Littleton S.C.
 County Wetzel District Grant
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Aug. 26, 1940 Scale 1" = 40'

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

WELL LOCATION MAP
 FILE NO. WET-243

+ 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.

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

Permit No. Wet-243
- Quad.

Test Hole
Dry Hole

Company Hope Natural Gas Co.
Address Clarksburg, W. Va.
Farm J. W. Hatfield ACRES 156
Well No. 8527 ELEV. 1272
District Grant - Wetzel County
Surface Walter C. Hatfield, Smithfield, W.Va.
Commenced Oct. 1, 1940
Completed Oct. 21, 1940
Gas -
Oil -
Rock Pressure -
Fresh Water 125
Salt Water None

CASING & TUBING
8-1/4 17 17 in
place of conductor
6-5/8 249 249

Not cemented

Coal at:
660' 60"
1004 132

Y. Water Fuel

*0.6 SW 20' 30'
0.4 S 39' 35'*

abd Oct. 40

Red Rock	15	15
Lime Stone	15	25
Red Rock	25	75
Shale	75	115
Sand	115	140 W 125
Shale	140	160
Red Rock	160	165
Sand	165	175
Shale	175	180
Shale	180	200
Lime	200	240
Shale	240	320
Red Rock	320	345
Sand	345	360
Shale	360	380
Lime	380	400
Red Rock	400	430
Shale	430	445
Lime	445	505
Slate	505	545
Shale	545	550
Lime	550	585
Sand	585	605
Shale	605	615
Lime	615	655
Shale	655	660
Coal	660	665
Shale	665	705
Lime	705	730
Sand	730	755
Slate	755	770
Lime	770	835
Slate	835	855
Lime	855	915
Shale	915	950
Lime	950	980
Slate	980	985
Lime	985	1000
Slate	1000	1004
Pgh. Coal Pittsburgh	1004	1015
Total Depth		1018

(Submitted for plat service distribution
March 12, 1941 - active area)

Grant District, Wetzel County, W. Va.

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

Located 0.64 mi. W. of 80° 30' and 0.4 mi. S. of 39° 35' - SE - Littleton Quadrangle.

Elevation, 1272' L.

Permit Wet-243.

Commenced Oct. 1, 1940; completed, Oct. 21, 1940.

Fresh water at 125'; salt water, none.

8 1/2" casing, 17'; 6 1/2", 249'.

Dry hole.

Section based on samples from 10 to 1015' examined by J. H. C. Martens.

Martens' record from samples.

Top. Bottom. Thickness.

DUNKARD GROUP, 660+ FEET

0 -	10	10	Clay, red
10 -	25	15	Sandstone, brown, fine; considerably weathered
25 -	40	15	Clay and soft shale, red and yellow
40 -	55	15	Siltstone, brown, shaly; much weathered
55 -	75	20	Clay, red, calcareous
75 -	115	40	Siltstone and fine sandstone, brown, of weathered appearance; also considerable amounts of red to yellow clay
115 -	175	60	Sandstone, nearly white, medium-grained; all of the 12 samples from the interval look the same
175 -	180	5	Siltstone, gray, micaceous
180 -	240	60	Sandstone, white to light-green, medium- to fine-grained, 60%; green shale and siltstone, 30%; red clay, 10%; all samples in this interval are the same; they are probably not from the depths indicated
240 -	255	15	Siltstone, grayish-green
255 -	320	65	Shale and siltstone, gray and green; some red shale cavings throughout
320 -	345	25	Clay, red, calcareous
345 -	360	15	Sandstone, white, fine, micaceous
360 -	380	20	Shale, gray and green
380 -	400	20	Sandstone, gray, very fine, micaceous, and calcareous
400 -	430	30	Shale, green, red, and gray, calcareous
430 -	445	15	Shale, green to gray, calcareous
445 -	455	10	Sandstone, light-green, fine, shaly, calcareous
455 -	460	5	Siltstone, light-green, calcareous, and micaceous
460 -	465	5	Shale, gray to green, soft, 60%; red shale, 30%; limestone, 10%
465 -	480	15	Sandstone, light-green to nearly white, fine to very fine, 70%; green shale and siltstone, 30%
480 -	485	5	Shale, green, silty; contains limestone nodules
485 -	530	45	Samples probably mixed
530 -	550	20	Shale and siltstone, black, with traces of coal
550 -	555	5	Clay, gray, highly calcareous; contains small limestone nodules
555 -	580	25	Sandstone, white to light-green, fine, highly calcareous
580 -	585	5	Shale, gray, green, black, etc.; also some sandstone
585 -	605	20	Sandstone, white to light-green, fine, slightly calcareous
605 -	615	10	Shale, gray, brown, etc.; also a little coal
615 -	620	5	Siltstone, light-gray, micaceous
620 -	635	15	Sandstone, very light green, fine, micaceous, calcareous
635 -	655	20	Sandstone, light-gray to greenish, very fine, calcareous
655 -	660	5	Shale and siltstone, gray, 95%; coal, 5%

(OVER)

Top. Bottom. Thickness.

MONONGAHELA FORMATION, 358 FEET

660 -	665	5	Coal and very dark gray shale (Waynesburg Coal)
665 -	690	25	Shale, gray, with some siltstone; many siderite spherulites
690 -	695	5	Shale and siltstone, gray
695 -	705	10	Shale, dark grayish green, calcareous
705 -	755	50	Sandstone, white, fine- to medium-grained, slightly to moderately calcareous
755 -	770	15	Sandstone, as above, 60%; brown and gray shale, 40%
770 -	780	10	Limestone, light-brown; some green clay
780 -	785	5	Siltstone, green; micaceous
785 -	810	25	Limestone, brown to light brown; also some white calcareous sandstone and some green clay
810 -	815	5	Shale, green, silty
815 -	835	20	Limestone, brown
835 -	845	10	Clay, green; also some brown limestone and green calcareous siltstone
845 -	920	75	Limestone, brown; most samples contain some green clay or shale
920 -	925	5	No sample
925 -	935	10	Sandstone, white, fine
935 -	945	10	Shale, dark-gray to brown; also considerable amount of siltstone and fine sandstone
945 -	1000	55	Limestone, brown to light-brown, very fine textured; samples mostly contain some green clay or shale
1000 -	1004	4	Siltstone and shale, gray to black
1004 -	1015	11	Coal and black shale (<u>Pittsburgh Coal</u>)
	1018		Total depth