

Latitude

+.325
1.10 w

Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
_____ (calc.) _____

Company Hope Nat Gas

Farm A. Muffaney # 409

15' Quad _____
(sec.)

7.5' Quad Big Run

District Grant

WELL LOCATION PLAT

County 103 Permit 70310

Grant District, Wetzel County, W. Va. 70210

By Hope Natural Gas Co.

Completed Feb. 14, 1923.

Gas well.

Completed April 9, 1923.

Total depth, 942' 6".

Initial production, 497,280 cu. ft.

Elevation, 1052' L.

Top. Bottom.

Native coal

684 - 688

Pittsburgh Coal

780 - 786

Murphy Sand

886

A. MUFFANY NO. 409.

Grant District, Wetzel County, W. Va.

Commenced March 12, 1900.

By Hope Natural Gas Co.

Completed July 6, 1900.

Gas well.

Initial production, 3,214,500 cu. ft., in.

Total depth, 3072'.

Purchased from Carter Oil Co.

Abandoned May 15, 1905.

Top. Bottom.

Pittsburgh Coal

768 - 775

Salt Sand

1630 - 1814

Big Injun Sand (gas, 2034')

2017 - 2206

Gordon Stray Sand

2825 - 2845

Gordon Sand

2872 - 2889

A. MUFFANY NO. 4720.

Grant District, Wetzel County, W. Va.

Commenced May 1917. Completed Mar. 28,

By Hope Natural Gas Co.

Initial production, 33,500 cu. ft. Stray

Gas well.

" " 164,160 cu. ft., Gordon & L

Total depth, 3218'. Filled to 3193'. Plugged and abd. May 25, 1927.

Shot March 29, 1918, with 10 qts., 4th S

Top. Bottom.

Native coal

750 - 755

Pittsburgh Coal

970 - 976

Little Dunkard Sand

1355 - 1375

Big Dunkard Sand

1446 - 1485

Gas Sand

1503 - 1585

1st Salt Sand (water, 1755')

1735 - 1774

2nd Salt Sand (water, 1870')

1860 - 2043

Maxton Sand

2054 - 2090

Little Lime

2149 - 2167

Big Lime

2173 - 2243

Big Injun Sand (oil, 2296') (gas,
2255')

2243 - 2435

Berea Sand

2533 - 2663

30-Ft. Sand

2975 - 2990

Gordon Stray Sand

3012 - 3032

Gordon Sand (gas, 3067-70')

3065 - 3093

Fourth Sand (gas, 3143')

3140 - 3145

Fifth Sand

3198 - 3203