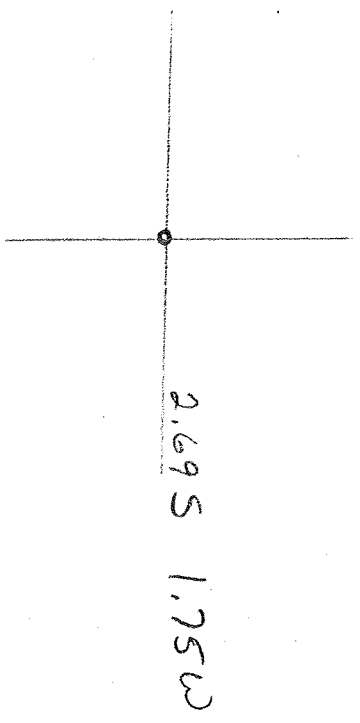


LATITUDE

39° 17' 30"

80° 52' 30"

LONGITUDE



7'5 O&G/S topo location

7.5' 10c $\frac{2.695}{1.75W}$ 15' 10c _____
 (scale)

Company _____

Farm _____

Flammagan-Heis Well

Quad Pennalboro

County Ritchie

District Clay

WELL LOCATION MAP

File No. 70052

(085 p 156 COUNTY REPORT)

stratigraphy revision

STRATIGRAPHY (REVISION)

DATA SOURCE: 085-156
COUNTY REPORT
BY FARM FILES

Fill in the ID information, the FORMATION CODE involved and then only the fields to be modified

ID: COUNTY 085 PERMIT 20052 SUFFIX *

LOCATION 39°17.5' 2,695 80°52.5' 1.75W
LOC. SOURCE: PROPERTY MAP/COUNTY REPORT.

✓ Flannagan News Gas Well 085-156

*E.H. Jennings
+ Bus, 3661*

FORMATION CODE	FM QUALITY	DEPTH FEET	DEPTH QUALITY	THICKNESS FEET	THICKNESS QUALITY	ELEVATION	TAKEN FROM
1 <u>C1 CORAL</u> <u>151</u>	<u>M</u>	<u>755</u>	<u> </u>	<u>3</u>	<u> </u>	<u>815</u>	<u>Topo</u>
2 <u>RED ROCK</u> <u>155</u>	<u> </u>	<u>785</u>	<u> </u>	<u>30</u>	<u> </u>	<u> </u>	<u> </u>
3 <u>C1 CORAL</u> <u>151</u>	<u> </u>	<u>855</u>	<u> </u>	<u>2</u>	<u> </u>	<u> </u>	<u> </u>
4 <u>SS</u> <u>753</u>	<u> </u>	<u>880</u>	<u> </u>	<u>30</u>	<u> </u>	<u> </u>	<u> </u>
5 <u>SS</u> <u>153</u>	<u> </u>	<u>920</u>	<u> </u>	<u>65</u>	<u> </u>	<u> </u>	<u> </u>
6 <u>SS</u> <u>153</u>	<u> </u>	<u>1240</u>	<u> </u>	<u>60</u>	<u> </u>	<u> </u>	<u> </u>
7 <u>A CORAL</u> <u>170</u>	<u> </u>	<u>1300</u>	<u> </u>	<u>2</u>	<u> </u>	<u> </u>	<u> </u>
8 <u>A SS</u> <u>172</u>	<u> </u>	<u>1302</u>	<u> </u>	<u>10</u>	<u> </u>	<u> </u>	<u> </u>
9 <u>A SS</u> <u>172</u>	<u> </u>	<u>1440</u>	<u> </u>	<u>60</u>	<u> </u>	<u> </u>	<u> </u>
10 <u>A SS</u> <u>172</u>	<u> </u>	<u>1530</u>	<u> </u>	<u>40</u>	<u> </u>	<u> </u>	<u> </u>
<u>SALT SAND 282</u>	<u> </u>	<u>1590</u>	<u> </u>	<u>78</u>	<u> </u>	<u> </u>	<u> </u>
<u>BIG LIME 345</u>	<u> </u>	<u>1668</u>	<u> </u>	<u>72</u>	<u> </u>	<u> </u>	<u> </u>

Pennsboro Quad
Clay - 1

GAS AT 1620'
NOT ENTERED

ENTERED IN COMPUTER ✓

70052

City District, Ritchie County, W. Va.
 Colgate, Cabin Run.
 R. H. Jennings & Bros.
 levation, 815'.

	Top.	Bottom.
Sand (Gibby)	95 -	105
Sand (Uniontown)	150 -	175
Hard sand (Arnoldsburg)	210 -	230
Lime	364 -	384
Blue sand	410 -	420
Lime	470 -	480
Lime	560 -	580
Lime	700 -	720
Coal (Harlem)	755 -	758
Red rock (Pittsburgh)	785 -	815
Coal (Bakerstown)	855 -	857
Hard sand (First Cow Run, Buffalo)	880 -	910
Black shales (Brush Creek)	910 -	920
Sand (Big Dunkard, Mahoning)	920 -	985
Lime	985 -	995
Slate and shells	1110 -	1240
Sand, sharp and nice (Second Cow Run, Homewood)	1240 -	1300
Coal (Stoneata)	1300 -	1302
Sand	1302 -	1312
Slate and shells	1440 -	1440
Sand (Salt)	1440 -	1500
Sand (Sharon?)	1530 -	1570
Salt? (Maxton) Sand (Gas, 1620'; break, at 1635')	1590 -	1668
Big Lime	1668 -	1740
Big Injun Sand, hard (Gas)	1740 -	1824
Shelly sand	2030 -	2130
Sand (Berea)	2240 -	2255
Sand and shells (Gas) (Gantz)	2320 -	2330
Shells	2380 -	2390
Sand (30-Pt.)	2400 -	2412
Shells	2470 -	2475
Sand (Gordon)	2486 -	2498
Total depth		2712

(Pittsburgh Coal belongs about 460' in this well).

Plan
 No. 1
 Wm. HAWKINS MINING CO. S. D. S. D.

No. 22 O. T. - Nitroble.

Blount District, Nitroble County, W. Va.
 Authority, W. H. Jennings & Bros.
 No. 1 Gate well, on Cabin Run.

	Top.	Bottom.
1st sand	12 -	13 7 (25)
Sand	95 -	105
Sand	150 -	175
Hard sand	210 -	230
Pale red rock (6 1/4 casing, 24 1/2)	247	
Lime	36 1/2 -	38 1/2
Blue sand	410 -	420
Lime	470 -	480
Lime	560 -	580
Lime	700 -	730
Coal	755 -	758
Coal	785 -	815
Red rock	855 -	857
Coal	880 -	910
Hard sand	910 -	920
Black shales	920 -	925
Sand	985 -	995
Lime	1110 -	1210
State and shells	1210 -	1300
Sand, sharp and nice	1300 -	1302
Coal	1302 -	1312
Sand		1410
State and shells	1410 -	1500
Sand	1530 -	1570
Sand	1590 -	1668
Salt sand		
(hard 1/5', then break of 20' state)		
(gas was found in sand at 1620')		
Big lime	1668 -	1710
Big Indian Sand (hard, regular, no break; some increase of gas: sand 5' about 195')	1710 -	1824
Shelly sand	2030 -	22130
Sand	2240 -	2255
Sand and shells (gas)	2320 -	2330
shells	2380 -	2390
Sand	2400 -	2412
shells	2470 -	2475
Sand, probably Gordon	2486 -	2498
Total depth		2712