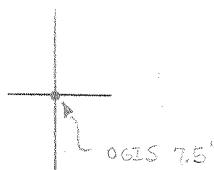


LATITUDE (7.5' 15') 38° 20'

(7.5' 15') 81° 30'

LONGITUDE



7.5' OGIS topo location

$$7.5' \text{ loc } \frac{2.455}{1.88w} \quad 15' \text{ loc } \frac{2.455}{(\text{calc.})} \quad \underline{1.88w}$$

Company Godfrey L. Cabot Inc.

Farm CAMPBELL CREEK COAL CO. 8 (807)

Quad Charleston East 7.5' / Charleston 15' SE

County Kanawha

District Malden

WELL LOCATION MAP

File No. 039-142

Kanawha

DEEP WELL 6-6 Campbell's Creek - (214)

Kan 142

W. VA.-KANAWHA CO.-MALDEN DIST.
Charleston Quad. (Ct. 8-33)
DBR Notes, p. 2987, R.F.

1588 on map

CAMPBELL CREEK COAL CO. BLUE FLAME NO. 8 (807) WELL.

Malden Dist., Kanawha County, W. Va.; on a western branch of Spring Fork of Campbell Creek, 1.2 miles due east of Malden; begun, Sept. 30, 1934; completed, Jan. 31, 1935; by Godfrey L. Cabot, Inc. El. 962 (905.96)

Pennsylvanian--Pottsville--Kanawha (630'+)

| | Top. | Bottom. |
|-----------------------------------|-------|---------|
| | Feet. | Feet. |
| Clay | 0 - | 12 |
| Gravel | 12 - | 35 |
| Slate | 35 - | 120 |
| Sand, Hernshaw?, hard | 120 - | 160 |
| Slate | 160 - | 170 |
| Sand, Upper Cedar Grove | 170 - | 200 |
| Slate | 200 - | 205 |
| Coal, Cedar Grove | 205 - | 207 |
| Slate | 207 - | 230 |
| Sand, Monitor | 230 - | 250 |
| Slate | 250 - | 290 |
| Sand, Peerless | 290 - | 325 |
| Slate and shells | 325 - | 480 |
| Sand, Decota?, hard | 480 - | 540 |
| Slate and lime (shale?) | 540 - | 630 |

Pennsylvanian--Pottsville--New River (418')

| | | |
|--|-------|------|
| Sand, Salt (Nuttall, etc.) (water, 740') | 630 - | 1048 |
|--|-------|------|

Mississippian--Mauch Chunk (295')

| | | |
|--------------------------------------|--------|------|
| Slate and lime (shale?) | 1048 - | 1106 |
| Sand, Princeton? | 1106 - | 1163 |
| Slate and shells | 1163 - | 1195 |
| Red rock | 1195 - | 1200 |
| Slate and shells | 1200 - | 1225 |
| Sand, Maxton (Droop), hard | 1225 - | 1252 |
| Little Lime (Glenray) | 1252 - | 1317 |
| Slate, break | 1317 - | 1325 |
| Sandy shell | 1325 - | 1335 |
| Pencil Cave (Lillydale) | 1335 - | 1343 |

Mississippian--Greenbrier (182')

| | | |
|-----------------------------|--------|------|
| Lime, Big (gas show, 1407') | 1343 - | 1525 |
|-----------------------------|--------|------|

Mississippian--Pocono (433')

| | | |
|--|--------|------|
| Sand, Keener (gas, 1526-1537') | 1525 - | 1550 |
| Sand, Big Injun | 1550 - | 1570 |
| Slate and shells | 1570 - | 1947 |
| Shale, Coffee (Sunbury), brown | 1947 - | 1954 |
| Sand, Berea | 1954 - | 1955 |

Devonian--Chemung and Portage (1482')

| | | |
|----------------------------|--------|------|
| Slate shells | 1958 - | 2400 |
| Slate | 2400 - | 3100 |
| Shale, brown | 3100 - | 3150 |
| Lime shell | 3150 - | 3157 |
| Shale, brown | 3157 - | 3235 |
| Sand, hard | 3235 - | 3240 |
| Slate and shells | 3240 - | 3440 |

Devonian--Genesee and Hamilton (860')

| | | |
|------------------------|--------|------|
| Shale, brown | 3440 - | 3825 |
| Slate, gray | 3825 - | 4300 |

Devonian--Marcellus (428')

| | | |
|--|--------|------|
| Shale, brown (cemented cave, 4375-4485') . . | 4300 - | 4614 |
|--|--------|------|

1.58
S 35° 20'
1.43 W 81° 30'
Charleston SE

1343
956
387
1958
956
10-2

4728
956
377

4827
956
3871

4728
1958
277

CAMPBELL CREEK COAL CO. BLUE FLAME NO. 8 (807) WELL (Contd).

| | Top. Feet. | Bottom. Feet. |
|---------------------------------------|---------------|------------------|
| Shale, white | 4614 | 4650 |
| Shale, brown | 4650 | 4728 |
| Devonian--Onondaga (99') | | |
| Lime, Corniferous | 4728 | 4827 |
| Devonian--Oriskany (1 ¹ 4) | | |
| Sand, Oriskany (gas, 4827') | 4827 | 4828 |
| Total depth (still in sand) | 4828 | |

10" casing, 3¹/₂; 8¹/₂", 353'; 6-5/8", 1372'; 5", 4776'; 9" (cemented in).

Gas test in Oriskany Sand - 90/10 W. in 3" = 1,017,360 cu. ft.; well not shut in on account of high pressure; expect to resume drilling when cement hardens.