

**Latitude**

**Longitude**

1.365  
08ω

**Topo Location**

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
  (calc.) \_\_\_\_\_

#27 OBH Co RepT

**Company** \_\_\_\_\_ ?

**Farm** WC BarDay #1

**15' Quad** \_\_\_\_\_  
(sec.)

**7.5' Quad** Stuebenville East

**District** Buffalo

**WELL LOCATION PLAT**

**County** 009 **Permit** 70004

Buffalo District, Brooke County, W. Va.

Elevation, 657'.

Steubenville Quadrangle.

Located at mouth of Buffalo Creek.

Obtained by W. T. Griswold.

Record from U. S. Geological Survey, April 8, 1939.

Elevation, Ames Limestone, 762' (105' above well mouth).

	Thickness.	Top.	Bottom.
Yellow clay	20 -	0 -	20
Blue clay	20 -	20 -	40
Blue sandstone	32 -	40 -	72
Shale, black (coal)	6 -	72 -	78
Fire clay	35 -	78 -	113
Sandstone, white	22 -	113 -	135
Fire clay	12 -	135 -	147
Shale	40 -	147 -	187
Coal	12 -	187 -	199
Fire clay	5 -	199 -	204
Shale	10 -	204 -	214
Shale	20 -	214 -	234
Sandstone, white	40 -	234 -	274
Shale	40 -	274 -	314
Sandstone	74 -	314 -	388
Shale	15 -	388 -	403
Sandstone (salt water in sand)	75 -	403 -	478
Sandstone, white	75 -	478 -	553
Sandstone, gray	30 -	553 -	583
Sandstone, blue	40 -	583 -	623
Coal	6 -	623 -	629
Shale	31 -	629 -	660
<hr/>			
Sandstone, white	50 -	750 -	800
Shale	50 -	800 -	850
Sandstone, white	50 -	850 -	900
Shale	400 -	900 -	1300
Berea Grit	... -	1300 -	....
Total depth			1310

ID: COUNTY: (009)

PERMIT: 70004

SUFFIX: ~~0~~

REASSIGNED COUNTY/PERMIT #: Buffalo

COMPLETION INFO:

ELEVATION: 657 ELEVATION TYPE: G

COMP FLAG:

LOCATION INFO: TAX DISTRICT: ( )

CLASSIFICATION:

DATES: MM/DD /YYYY

RIG TYPE:

INITIAL:

SPUD: 7 / 7

WELL TYPE:

FINAL:

COMP: / /

COMPL METH:

FIELD: ( )

BATCH: / /

QUADRANGLE: ( )

YEAR RPTD:

OPEN GAS-BEFORE TREATMENT (MCFPD):

OIL-BEFORE TREATMENT: (BOPD):

FLOW: GAS-AFTER TREATMENT (MCFPD):

OIL-AFTER TREATMENT (BOPD):

ROCK NATURAL (PSI):

TIME (NATURAL, IN HOURS):

PRESSURE: TREATED (PSI):

TIME (TREATED, IN HOURS):

DEPTHS: TOTAL FOOTAGE: 1310

NEW FOOTAGE: 1310

EXPLORATORY FOOTAGE:

DEEPEST FORMATION: AT TOTAL DEPTH: ( )

DEEPEST FORMATION TESTED: ( )

OWNERS: INFO: STATUS: ( )

DATE: (MM/DD/YYYY): / /

SURFACE OWNER: Barclay Gas

OPERATOR CODE: ( )

OIL&GAS OWNER:

-NAME: ?

COMPANY NUMBER: ( )

OGWATER (INCLUDE QUALITY, DEPTH, QUANTITY) if available:

PAYS INFO: ACTIVITY

PRODUCT

TOP FORMATION

TOP DEPTH

BOTTOM DEPTH

BOTTOM FORMATION

BEFORE

AFTER

STRAT INFO: FORMATION

FM Q

DEPTH (depth for Thick)

DEPTH QUALITY

THICKNESS

THICKNESS QUALITY

ELEVATION

TYPE

Now  
 70004

.....District, Brooke County, W. Va.  
 At Wellsburg.

Authority, Carll: Ann. Rpt. 1886, Pt. 2, p. 783.

Well mouth is 30' or 40' above low water in Ohio River.

High water has been on derrick floor.

	Thickness.	Depth.
Clay, yellow	20	- 20
Clay, blue	20	- 40
Gravel	32	- 72
Sand, blue	6	- 78
Slate, black (gas at 100')	78	- 113
Fire clay	22	- 135
Sand, white	12	- 147
Fire clay	40	- 187
Slate	12	- 199
Coal (Shaft Coal)	5	- 204
Fire clay (cased, 208')	10	<del>204</del> - 214
Slate (cased, 225')	20	- 234
Slate and shale	40	- 274
Sand, white (gas at 287')	40	<del>274</del> - 314
Slate and shale (cased at 300')	74	- 388
Sand (gas at 400')	15	- 403
Slate and shale (cased, 410')	<del>10</del> 75	- 478
Sand, white (salt water) (gas, 535')	75	- 553
Sand, blue	40	- 623
Coal	6	- 629
Slate and shale	31	- 660
Sand, white (gas and salt water, 750')	140	- 800
Slate and shale (salt water, 850')	50	- 850
Sand, white (gas at 837')	50	- 900
Shale (Erie)	400	- 1300
Sand, white (Berea) (big flow of gas was struck at bottom)	10	- 1310

ID: COUNTY: ( 009 )

PERMIT: 70005

SUFFIX: Ø

REASSIGNED COUNTY/PERMIT #:

COMPLETION INFO:

ELEVATION:

ELEVATION TYPE:

COMP FLAG:

LOCATION INFO: TAX DISTRICT: ( )

CLASSIFICATION:

DATES: MM/DD/YYYY

RIG TYPE:

7.5' LATITUDE (DDMM.M Miles\_South)

INITIAL:

SPUD: 7 7

WELL TYPE:

LONGITUDE (DDMM.M Miles\_West)

FINAL:

COMP: / /

COMPL METH:

FIELD: ( )

BATCH: / /

QUADRANGLE: ( )

YEAR RPTD:

+++++

OPEN GAS-BEFORE TREATMENT (MGFPD):

OIL-BEFORE TREATMENT (BOPD):

15' LATITUDE (DDMM Miles\_South)

FLOW: GAS-AFTER TREATMENT (MGFPD):

OIL-AFTER TREATMENT (BOPD):

ROCK NATURAL (PSI):

TIME (NATURAL, IN HOURS):

LONGITUDE (DDMM Miles\_West)

PRESSURE: TREATED (PSI):

TIME (TREATED, IN HOURS):

QUADRANGLE: ( )

DEPTHS: TOTAL FOOTAGE: 1310

NEW FOOTAGE: 1310

EXPLORATORY FOOTAGE:

5' SECTION: ( )

DEEPEST FORMATION: AT TOTAL DEPTH: ( )

DEEPEST FORMATION TESTED: ( )

OWNERS: INFO: STATUS: ( )

DATE: (MM/DD/YYYY): / /

SURFACE OWNER: Barclay

OPERATOR CODE: ( ) -NAME:

OIL&GAS OWNER:

COMPANY NUMBER: ( )

OGWATER (INCLUDE QUALITY, DEPTH, QUANTITY) if available:

PAYS INFO:

ACTIVITY

PRODUCT

TOP FORMATION

TOP DEPTH

BOTTOM DEPTH

BOTTOM FORMATION

BEFORE

AFTER

STRAT INFO: FORMATION

FM Ø

DEPTH

(depth for thick)

DEPTH QUALITY

THICKNESS

THICKNESS QUALITY

ELEVATION

TYPE

X

.....District, Brooke County, W. Va.

By W. C. Barclay.

Completed, December, 1882.

Authority, Orton: Geol. of Ohio, Vol. VI, p. 338.

Record from U. S. Geological Survey, April 8, 1939.

	Thickness.	Depth.
Drift	72 -	72
Sand, blue	6 -	78
Slate, black	35 -	113
Fire clay	22 -	135
Slate	12 -	147
Coal (Steubenville Shaft bed)	4 -	151
Fire clay	20 -	171
Slate	60 -	231
Sand, white	40 -	271
Slate and shale	74 -	345
Sand	15 -	360
Slate and shale	75 -	435
Sand, white, gray, and blue	145 -	580
Coal	6 -	586
Slate and shale	31 -	617
Sand, white	140 -	757
Slate and shale	50 -	807
Sand, white	50 -	857
Shale, blue (bottom black)	400 -	1257
Sand, (Berea)	10 -	1267

NOTE ALL WELL DEPTHS MEASURED IN FEET FROM SURFACE DATUM.

ID: COUNTY: ( 009 ) PERMIT: 70006 SUFFIX: ~~0~~ REASSIGNED COUNTY/PERMIT #:

COMPLETION INFO: ELEVATION: ELEVATION TYPE: COMP FLAG: LOCATION INFO: TAX DISTRICT: ( )

CLASSIFICATION: DATES: MM/DD / YYYY RIG TYPE: 7.5' LATITUDE (DDMM.M Miles\_South)

INITIAL: SPUD: 7 / 7 WELL TYPE: LONGITUDE (DDMM.M Miles\_West)

FINAL: COMP: 12 / / 1882 COMPT METH: QUADRANGLE: ( )

FIELD: ( ) BATCH: / / YEAR RPTD: ++++++

OPEN GAS-BEFORE TREATMENT (MGFPD): OIL-BEFORE TREATMENT (BOPD): 15' LATITUDE (DDMM Miles\_South)

FLOW: GAS-AFTER TREATMENT (MGFPD): OIL-AFTER TREATMENT (BOPD): LONGITUDE (DDMM Miles\_West)

ROCK NATURAL (PSI): TIME (NATURAL, IN HOURS): QUADRANGLE: ( )

PRESSURE: TREATED (PSI): TIME (TREATED, IN HOURS): 5' SECTION: ( )

DEPTHS: TOTAL FOOTAGE: 1267 NEW FOOTAGE: 1267 EXPLORATORY FOOTAGE:

DEEPEST FORMATION: AT TOTAL DEPTH: ( ) DEEPEST FORMATION TESTED: ( )

OWNERS: INFO: STATUS: ( C ) DATE: (MM/DD/YYYY): 12 / ~~1882~~ SURFACE OWNER: W C Barclay

OPERATOR CODE: ( ) -NAME: W C Barclay OIL&GAS OWNER: COMPANY NUMBER: ( )

OGWATER (INCLUDE QUALITY, DEPTH, QUANTITY) if available:

PAYS INFO: ACTIVITY PRODUCT TOP FORMATION TOP DEPTH BOTTOM DEPTH BOTTOM FORMATION BEFORE AFTER

STRAT INFO: FORMATION FM Q DEPTH (depth for Thick) DEPTH QUALITY THICKNESS THICKNESS QUALITY ELEVATION TYPE

Buffalo District, Brooke County, W. Va.  
 At Wellsburg.  
 Completed in 1882.  
 Drive pipe, 72"

	Top.	Bottom.
Yellow clay	0	20
Blue clay	20	40
Gravel (gas at 43')	32	72
Sandstone, blue	72	78
Slate, black (gas at 100')	78	113
Fire clay	113	135
Sandstone, white	135	147
Fire clay	147	187
Slate	187	199
Coal (Lower Freeport)	199	204
Fire clay (cased at 208')	204	214
Slate (cased at 225')	214	234
Slate and shale	234	274
Sand, white (gas at 287')	274	314
Slate and shale (cased at 300')	314	388
Sand (gas at 400')	388	403
Slate and shale (cased at 410')	403	478
Sand, white (salt water) (gas at 535')		
top of Salt Sand	478	553
Sand, gray	553	583
Sand, blue (bottom of Salt Sand)	583	623
Coal	623	629
Slate and shale	629	660
Big Injun Sand, white (gas and salt water at 750'; cased at 777')	660	800
Slate and shale	800	850
Squaw Sand, white (salt water at 850'; gas at 857')	850	900
Shale, blue	900	1300
Sand, white (gas) (Berea)	1300	1310
"At 1310 feet struck flow of gas so strong as to prevent further drilling."		



ID: COUNTY: ( 009 ) PERMIT: 70007 SUFFIX: ~~0~~ REASSIGNED COUNTY/PERMIT #:

COMPLETION INFO: ELEVATION: ELEVATION TYPE: COMP FLAG: LOCATION INFO: TAX DISTRICT: ( ) ) *Bull*

CLASSIFICATION: DATES: MM/DD /YYYY RIG TYPE: 7.5' LATITUDE (DDMM.M Miles South)

INITIAL: SPUD: 7 / 7 WELL TYPE: LONGITUDE (DDMM.M Miles West)

FINAL: COMP: 7 / 1882 BATCH: / / YEAR RPTD: QUADRANGLE: ( ) )

FIELD: ( ) OIL-BEFORE TREATMENT (MCFPPD): OIL-AFTER TREATMENT (BOPD):

FLOW: GAS-BEFORE TREATMENT (MCFPPD): OIL-AFTER TREATMENT (BOPD):

ROCK NATURAL (PSI): TIME (NATURAL, IN HOURS):

PRESSURE: TREATED (PSI): TIME (TREATED, IN HOURS):

DEPTHS: TOTAL FOOTAGE: 1310 NEW FOOTAGE: 1310 EXPLORATORY FOOTAGE:

DEEPEST FORMATION: AT TOTAL DEPTH: ( ) DEEPEST FORMATION TESTED: ( )

OWNERS: INFO: STATUS: ( ) DATE: (MM/DD/YYYY): / / 1882 SURFACE OWNER: W C Barclay

OPERATOR CODE: ( ) -NAME: OIL&GAS OWNER: COMPANY NUMBER: ( )

OGWATER (INCLUDE QUALITY, DEPTH, QUANTITY) if available:

PAYS INFO: ACTIVITY PRODUCT TOP FORMATION TOP DEPTH BOTTOM DEPTH BOTTOM FORMATION BEFORE AFTER

STRAT INFO: FORMATION FM Q DEPTH (depth for Thick) DEPTH QUALITY THICKNESS THICKNESS QUALITY ELEVATION TYPE