

Latitude 38° 20' 00"

Blue Creek Coal & Land Co.

Forkd Sp. Pine  
Ptrs.

Topo 15'  
corrected 15'  
location

Sally Dickenson Todd  
Surface & Mineral

1 P. NORTH OF 8 Mi. FK.  
10' & 12" W.O. PTRS.  
BLUE PAINT

8 MILE FORK

STR. BY WELL RD.  
35' NORTH OF KNOB  
HOLLOW BLACK WAL.  
STR. YELLOW PAINT

Harry L. Paxton

X  
Form Map

518° 57' W  
4953'

517° 45' E  
402'

542° 15' E  
2162.0'

548° 30' E  
1752'

KNOB

HOL.

8977

20346-T

BENCH MARK DESCRIPTION  
At Blount, about 90' East of  
Post Office In Top N.E. Conc.  
Abutment of Small Bridge  
Stamped 256 Sks 1956 793  
Elev. 792.94'

Note:  
Lewision Seam - Elev. 1100'±  
Leased To Valley Camp Coal Co.  
Other Seams Not Operated

DWD & PTRS. ON RDG.  
I.P. TOP RDG.

- New Location
- Storage
- Drill Deeper
- Abandonment
- Re-Drill/Fracture

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by the rules and regulations of the oil and gas section of the mining laws of W.Va.  
Minimum degree of accuracy is one part in 200'

11/4/76  
LICENSED LAND SURVEYOR No. 102  
BOX 1273 CHARLESTON W.V.

Signed *Samuel J. Foster*

Company COLUMBIA GAS TRANS. CORP.  
 Address BOX 1273 CHARLESTON WVA.  
 Farm SALLY DICKENSON TODD  
 Lease 26952 Acres 1514  
 Well Farm No. 10 Ser. No. 20346-T  
 Elevation - Spirit Level 958.76' *SC*  
 Quadrangle 7 1/2 QUICK WVA; Clendenin 15'  
 Township or District MALDEN  
 County KANAWHA  
 Sec., Lot, Q1 \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_  
 Coordinates LAT. 38° 19' 24" LONG. 81° 24' 21"  
 File No. 74-57 Dwg. No. \_\_\_\_\_  
 Date APR. 4-76 Scale 1"=400'

WELL LOCATION MAP  
STATE OF WVA

(+) Denotes Values Of Well On United States Topographic Maps

KAN - 2742 - P

Scale 15'  7 1/2'

47 - 039

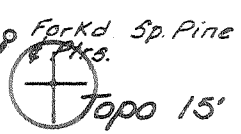
NOV 18 1976

DEEP WELL - 5-0 Indian Creek ~~Indian Creek~~ (358)

8,800'

Latitude 38° 20' 00"

Blue Creek Coal & Land Co.



Sally Dickenson Todd  
Surface & Mineral

0.695  
3.88W

38 19 25  
81 24 20

8 MILE FORK

TP. NORTH OF 8 MI. FK.  
10" & 12" WD. PTRS.  
BLUE PAINT

STK. BY WELL RD.  
35' NORTH OF KNOB  
HOLLOW BLACK WAL.  
STP. YELLOW PAINT

Harry L. Paxton

518° 57' W  
4953'

542° 15' E  
2162.0'

548° 30' E  
1752'

X  
Farm Map

(15) 81° 20'  
Longitude 81° 22' 30"

BENCH MARK DESCRIPTION  
At Blount, about 90' East of  
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Abutment of Small Bridge  
Stamped 256 5Ks 1956 793  
Elev. 792.94'

Note:  
Lewiston Seam - Elev. 1100' ±  
Leased To Valley Camp Coal Co.  
Other Seams Not Operated

DWD & PTRS ON RDG.  
I.P. TOP RDG.

20346-T

- New Location
- Storage
- Drill Deeper
- Abandonment
- Re-Drill/Fracture

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by the rules and regulations of the oil and gas section of the mining laws of WVA. Minimum degree of accuracy is one part in 200."

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 Quadrangle QUICK WVA. Clendenin 15'  
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 County KANAWHA  
 Sec., Lot, Q1 \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_  
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WELL LOCATION MAP  
STATE OF WVA

(+) Denotes Values Of Well On United States Topographic Maps

KAN - 2742 - P

Scale 15' □ 7 1/2' ■

Deep Well (Tusc)

47-039 JUN 1 1976

6850 Blanton 3-0 Five mile - Carpenter (216)



1976

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Quick  
Permit No. KAN-2742

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company <u>Columbia Gas Transmission Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 1273, Charleston, W.Va. 25325</u>				
Farm <u>Sally Dickenson Todd #10</u> Acres <u>1514</u>	Size			
Location (waters) <u>Campbells Creek</u>	<del>20-1/2</del>			
Well No. <u>20346-T</u> Elev. <u>958.76'</u>	Cond. <u>30'</u>	<u>30'</u>		<u>30 Sacks</u>
District <u>Malden</u> County <u>Kanawha</u>	<del>13-1/2</del> <u>3/8"</u>	<u>250'</u>	<u>250'</u>	<u>250 Sacks</u>
The surface of tract is owned in fee by <u>Sally Dickenson Todd</u>	<u>9 5/8</u>	<u>2200'</u>		<u>800 Sacks</u>
Address <u>Kanawha Valley Bank, Charleston, WV</u>	<u>8 5/8</u>			
Mineral rights are owned by <u>Same as above</u>	<u>7</u>	<u>5340'</u>	<u>1530'</u>	<u>100 Sacks</u>
Address _____	<u>5 1/2</u>			
Drilling Commenced <u>June 2, 1976</u>	<u>4 1/2</u>	<u>6920'</u>	<u>1927'</u>	<u>150 Sacks</u>
Drilling Completed <u>July 9, 1976</u>	<u>3</u>			
Initial open flow <u>Dry Hole</u> cu. ft. _____ bbls.	<u>2</u>			
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Plugged and abandoned 11-19-76

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale			0	670		
Salt Sand			670	1050		
Big Lime			1402	1534		
Wier			1582	1711		
Berea			1962	2033		
Onondaga			5113	5232		
Oriskany			5232	5290		
Helderburg <i>+ Salina</i>			5290	6072		
Newburg			6072	6084		
<del>Salina</del> <i>McKenzie</i>			6084	6320		
Keefer			6320	6355		
Rose Hill			6355	6788		
Clinton <i>Tuscarora</i>			6788	6868		
Clinton Shale			6858	6915		
TD			6915'			

*5113*  
*959*  
*-4154*

*6320*  
*959*  
*5361*

*6072*  
*959*  
*5113*

*6788*  
*959*  
*-5829*

*6915*  
*959*  
*-5956*

*all expln. fl.*

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
MAY 21 1976  
OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES;  
Charleston, W. Va.

DATE May 18, 1976

Surface Owner Sally Dickenson Todd

Company Columbia Gas Transmission Corporation

Address Kanawha Valley Bank, Charleston, WV

Address P.O. Box 1273, Charleston, WV 25325

Mineral Owner Same as above

Farm Sally Dickenson Todd #10 Acres 1514

Address \_\_\_\_\_

Location (waters) Campbells Creek

Coal Owner Sally L.D. Todd c/o Frederick L. Thomas

Well No. 10-S-20346-T Elevation 958.76'

Address Kanawha Banking & Trust Bldg., Charleston, WV

District Malden County Kanawha

Coal Operator The Valley Camp Coal Company

Quadrangle Quick

Address 700 Westgate Tower, Cleveland, Ohio

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-24-76.

*Robert K. [Signature]*

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Martin Nichols

PH: 548-6993 ADDRESS Cendenin, W.Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated October 31 1924 by Margaret Y. Dickenson, etal made to Ohio Fuel Oil Company and recorded on the 19th day of September 1925, in Kanawha County, Book 48 Page 576

NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey  
P. O. Box 879  
Morgantown, W. Va. 26505

Very truly yours, COLUMBIA GAS TRANSMISSION CORP.

(Sign Name) Quana T. Cable

Manager, Development Drilling

Post Office Box 1273

Street

Charleston

City or Town

West Virginia 25325

State

Address of Well Operator

\*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

Kan-3742 PERMIT NUMBER

47-039

BLANKET BOND

*Survey*

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME Rock Castle Gas Company NAME John M. Foster  
 ADDRESS 504 Commerce Square, Charleston, WV ADDRESS P.O. Box 1273, Charleston, WV 25325  
 TELEPHONE (304) 344-2534 TELEPHONE (304) 346-0951  
 ESTIMATED DEPTH OF COMPLETED WELL: 6850' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Clinton  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - **	30'		
13 - ** 3/8	900'		
9 - 5/8	2150'		
8 - 5/8			
7	5300'		
5 1/2			
4 1/2	6850'		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title