

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 20659-T

API Well No. 47 -039-3462
State County Permi

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep X / Shallow /)

LOCATION: Elevation: 1241.79' Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: Mammoth

WELL OPERATOR Columbia Gas Transmission Corp.
Address P.O. Box 1273
Charleston, WV 25325

DESIGNATED AGENT John R. Henning
Address P.O. Box 1273
Charleston, WV 25325

OIL & GAS ROYALTY OWNER Sally D. Todd
Address c/o Kanawha Valley Bank
Charleston, WV 25301

COAL OPERATOR Valley Camp Coal Company
Address 700 Westgate Tower
Cleveland, Ohio 44101

SURFACE OWNER Sally D. Todd
Address c/o Kanawha Valley Bank
Charleston, WV 25301
Acreage

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Sally D. Todd
Address c/o Kanawha Valley Bank
Charleston, WV 25301

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Martin Nichols
Address P. O. Box 554
Clendenin, WV 25045

COAL LESSEE WITH DECLARATION ON RECORD:
Name Valley Camp Coal Company
Address 700 Westgate Tower
Cleveland, Ohio 44101

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated January 14, 19 78, to the undersigned well operator from

[If said deed, lease, or other contract has been recorded:]

Recorded on , 19 , in the office of the Clerk of the County Commission of Kanawha County, West Virginia, in Deed Book 53 at page 311. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify)

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JUL -3 1979

OIL & GAS DIVISION
DEPT. OF MINES

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

09/08/2023

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

COLUMBIA GAS TRANSMISSION CORPORATION
Well Operator

By [Signature]
Its Director, Exploration & Development

Date: April 3, 19 79

Operator's Well No. 20659-T

API Well No. 47 - Kan - 3462
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

RECLAMATION PLAN

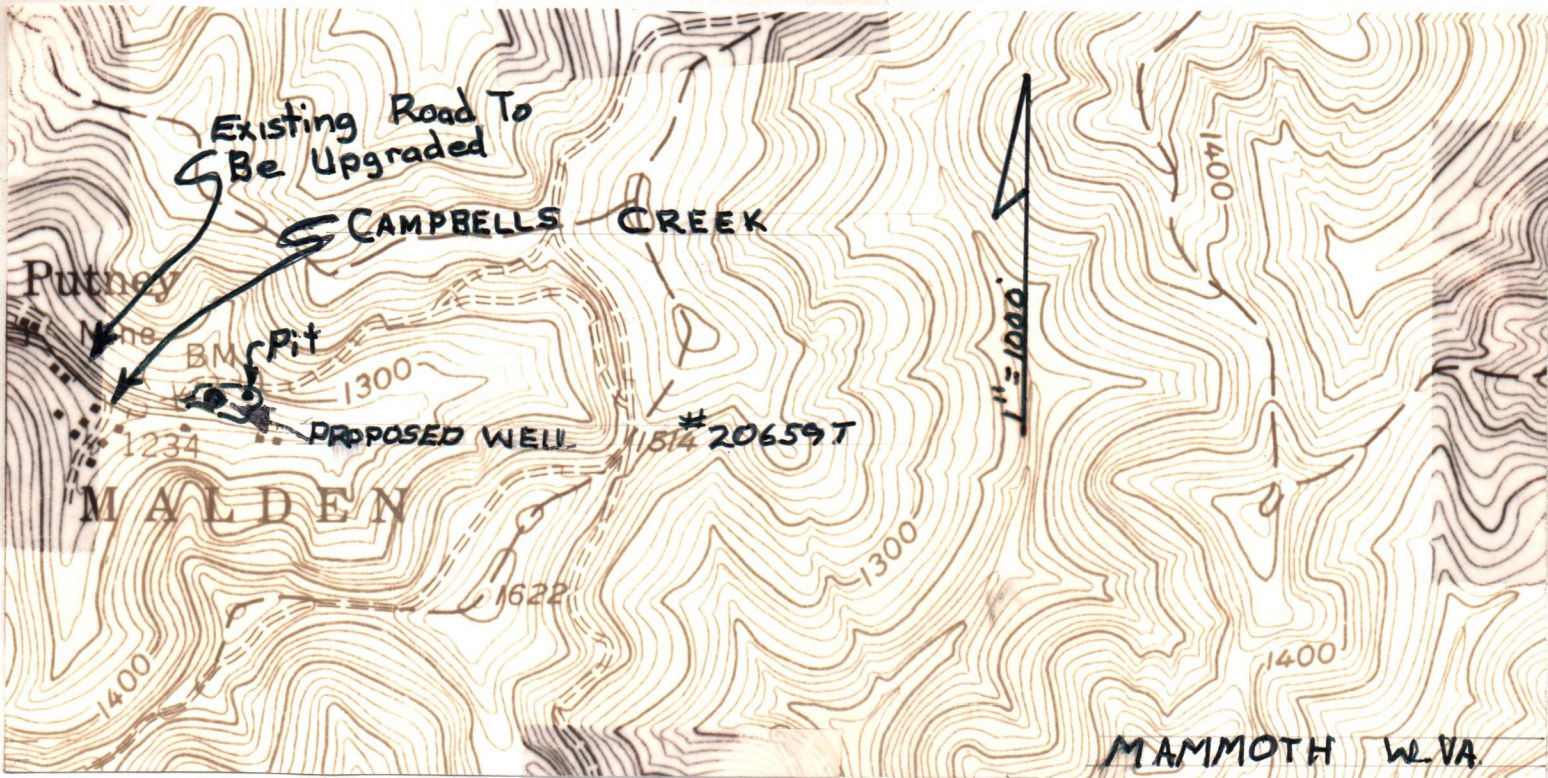
WELL OPERATOR Columbia Gas Trans. Corp.
Address P.O. Box 610
Clendenin, W. Va.

DESIGNATED AGENT John R. Henning
Address P. O. Box 1273
Charleston, WV 25325

The well operator hereby agrees to carry out the reclamation requirements of Code § 22-4-12b in the manner set out below.

This plan has ___/ has not X/ been reviewed with the district oil and gas inspector.

SKETCH: (Locate and show the (1) well location, (2) existing access road, (3) access road to be constructed, (4) well site, (5) drilling pit(s), and (6) necessary drainage features, including drains (natural and manmade), silt traps, etc.)



STATEMENT OF RECLAMATION PLAN (Complete on reverse side if necessary)

The access road will require upgrading of an existing road. No drains are anticipated but will be installed as needed. The pit will be located on the north eastern side of location. The nearest dwelling or water well is over 500' from location. Below details the procedure to be followed by Columbia Gas to insure that the proper environmental and reclamation standards are observed.

(over)

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OIL & GAS DIVISION
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Columbia Gas Transmission 09/08/2028
Well Operator

By D. C. Wingate
Its Area Manager

AS

THE FOLLOWING WILL BE DONE AS A MATTER OF COLUMBIA POLICY:

1. All cuts will be ditched and properly drained.
2. A suitable sealing material will be used to retain pit fluid.
3. All timber cleared for road and location will be cut and stacked for use by property owner at his discretion.
4. Upon completion of well, the pit and location will be reclaimed allowing only the necessary area to operate the well.
5. Reclamation will include fertilizing and mulching of the cut area.

09/08/2023

DEPT. OF MINES
OIL & GAS DIVISION
MIL - 3 1001



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
CHARLESTON 25305

THOMAS E. HUZZEY
Commissioner

July 5, 1979

Mr. Robert L. Dodd, Administrator
Department of Mines
Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47-039 -3462 TO DRILL DEEP WELL

COMPANY: COLUMBIA GAS TRANSMISSION CORPORATION

FARM: SALLY D. TODD

COUNTY: KANAWHA DISTRICT: MALDEN

The application of the above company is APPROVED FOR BLACK RIVER COMPLETION
(APPROVED-DISAPPROVED)

Applicant HAS (HAS-HAS NOT) complied with the provisions of chapter twenty-two, article four-a, (§22-4A), of the code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation, as follows:

1. Provided a certified copy of duly acknowledged and recorded consent and easement from all surface owners; Yes
2. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, None
3. Provided a plat showing that the proposed location is a distance of 1500 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3000 feet of the proposed location: None

Very truly yours,

Thomas E. Huzzey
Commissioner



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Mammoth

Permit No. 47-039-3462

WELL RECORD *15*

Oil or Gas Well Gas
(KIND)

Company Columbia Gas Trans. Corp.
Address P.O. Box 610 Clendenin, WV 25045
Farm Sallie D. Chase Todd Acres 1350
Location (waters) Campbells Creek
Well No. 20659-T Elev. 1241.79'
District Malden County Kanawha
The surface of tract is owned in fee by Sallie D. Todd
Address Charleston, WV
Mineral rights are owned by Sallie D. Todd
Address Charleston, WV
Drilling commenced 9-6-79
Drilling completed 1-16-80
Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16 20"		245'	
13-3/8"		2598'	
10			Size of
8 3/4 9-5/8"		6539'	
6 3/4 7"		8913'	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

With Open Flow /10ths Water in Very High Inch
/10ths Merc. in Very High Inch
Volume Very High Cu. Ft.
Rock Pressure Very High lbs. hrs.
Oil Very High bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 20" SIZE 245 No. Ft. 9-13-79 Date
Amount of cement used (bags) 250 sks. Class-A
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT 180 FEET INCHES
to 182 FEET INCHES 204 FEET INCHES
206 FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS)

RESULT AFTER TREATMENT (Initial open Flow or bbls.) Not Treated
ROCK PRESSURE AFTER TREATMENT Not Treated HOURS
Fresh Water 20' Feet 60' Feet Salt Water Not Treated Feet
Producing Sand Not Treated Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	20			
Shale			20	60			
Sand			60	100			
Shale			100	145			
Sand			145	155			
Shale			155	180			
Coal			180	182			
Shale			182	204			
Coal			204	206			
Shale			206	764			
Sand			764	795			
Shale			795	860			
Sand			860	900			
Shale			900	1035			
Salt Sand			1035	1195			
Shale			1195	1215			
Sand			1215	1225			
Shale			1225	1260			
Sand			1260	1350			
Shale			1350	1370			
Sand			1370	1390			
Shale			1390	1415			
Sand			1415	1510			
Shale			1510	1545			
Sand			1545	1565			
Shale			1565	1595			
Sand			1595	1615			
Shale			1615	1725			
Maxon			1725	1770			

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JUN 13 1980
09/08/2023
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IV-35
(Rev 8-81)

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MAR 16 1984

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date 3-12-84
Operator's
Well No. 20659-T
Farm Sallie D. Chase Todd
API No. 47 - 039 - 3462

REVISED

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep X / Shallow ___ /)

LOCATION: Elevation: 1241.79 Watershed Campbells Creek
District: Malden County Kanawha Quadrangle Mammoth

COMPANY Columbia Gas Transmission Corp.

ADDRESS P. O. Box 1273, Charleston, WV

DESIGNATED AGENT J. L. Weekley

ADDRESS P. O. Box 1273, Charleston, WV

SURFACE OWNER Sally D. Todd

ADDRESS c/o Kanawha Valley Bank
Charleston, WV 25301

MINERAL RIGHTS OWNER Same as Surface Owner

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Martin

Nichols ADDRESS Clendenin, WV

PERMIT ISSUED July 5, 1979

DRILLING COMMENCED 9-6-79

DRILLING COMPLETED 1-16-80

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-1/2 Cond.	245'	245'	to surface
13-1/8"	2598	2598	"
9 5/8	6539	6539	"
8 5/8			
7	8913	8913	
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Black River Depth 10,522 feet

Depth of completed well 10,580 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 20 feet; Salt 60 feet

Coal seam depths: 180, 204 Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation P/A Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(If applicable due to multiple completion--)

09/08/2023

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

KAN
3462

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Plugged & Abandoned

4321439

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand			0	20	
Shale			20	60	
Sand			60	100	
Shale			100	145	
Sand			145	155	
Shale			155	180	
Coal			180	182	
Shale			182	204	
Coal			204	206	
Shale			206	764	
Sand			764	795	
Shale			795	860	
Sand			860	900	
Shale			900	1035	
Salt Sand			1064	1540	
Big Lime			1844	2083	
Injun			2083	2112	
Weir			2166	2291	
Berea			2528	2596	
Onondaga			5594	5700	
Oriskany			5700	5728	
Helderberg			5728	5874	
Newburg			6480	6509	
Rose Hill			6761	7151	
Tuscarora			7151	7254	
Trenton Lime			8777	9061	
Black River			9061	10,278	
Wells Creek			10,278	10,522	
Beekmantown Dolomite			10,522	T.D.	

(Attach separate sheets as necessary)

J. L. Weckley
Well Operator

09/08/2023

By: Director, Exploration & Development

Date: 3-12-84

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drill."

Date: 9-10, 1979

Operator's Well No. 20659 T

API Well No. 47-039-3462
State County Permit

INSPECTOR'S WELL REPORT
ON
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: _____ Watershed: Campbells Creek
District: Malden County: Kenawha Quadrangle: _____

WELL OPERATOR Columbia Gas Transmission Corp DESIGNATED AGENT John R. Henning
Address _____ Address _____
Chas. wva Chas. wva

DRILLING CONTRACTOR Ray Resources SERVICE COMPANIES _____
Address _____
Chas. wva

WELL DATA:
Drilling commenced 9-8, 1979; completed _____, 19____
Total Depth _____ feet
Fracturing / Stimulation on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Merc. in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

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OIL & GAS DIVISION
DEPT. OF MINES

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

Drilling at 46 ft

508

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Martin B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: _____, 19__

Operator's
Well No. _____

API Well No. 47 - _____ -
State County Permit

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

WELL TYPE: Oil___/ Gas___/ Liquid Injection___/ Waste Disposal___/
(If "Gas", Production___/ Underground storage___/ Deep___/ Shallow___/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____
Address _____

DESIGNATED AGENT _____
Address _____

PLUGGING CONTRACTOR _____
Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ___/ Clean out and replug ___/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:
Owner: Well Op'r___/ Contractor___/
Rig time: ___ days plus ___ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

INSPECTOR'S WELL REPORT
ON
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil ___ / Gas / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production ___ / Underground storage ___ / Deep / Shallow ___ /)

LOCATION: Elevation: _____ Watershed: Campbells Creek
District: Malden County: Kenawha Quadrangle: _____

WELL OPERATOR Columbia Gas Transmission Corp. DESIGNATED AGENT John R. Henning
Address Charleston, wva Address Charleston, wva

DRILLING CONTRACTOR Ray Resources SERVICE COMPANIES Halibaiton
Address Charleston, wva

WELL DATA:
Drilling commenced 9-8, 1979; completed _____, 19____
Total Depth _____ feet
Fracturing ___ / Stimulation ___ / on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Merc. in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	26"					35	38		Kinds
Fresh water									
Coal									Sizes
Intermediate	13"								
Production						2597	2597	1200 Bbl.	depths set
Tubing									
Liners									Perforations:
									Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

SEP 28 1979

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

Tearing Down getting Ready to move

OIL & GAS DIVISION
DEPT. OF MINES

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Martin B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: _____, 19____

Operator's
Well No. _____

API Well No. 47 - _____ - _____
State County Permit

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

WELL TYPE: Oil____/ Gas____/ Liquid Injection____/ Waste Disposal____/
(If "Gas", Production____/ Underground storage____/ Deep____/ Shallow____/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____
Address _____

DESIGNATED AGENT _____
Address _____

PLUGGING CONTRACTOR _____
Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ____/ Clean out and replug ____/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE _____

MISCELLANEOUS MATERIALS _____

CASING LOST _____

TYPE OF RIG:
Owner: Well Op'r____/ Contractor____/
Rig time: ____ days plus ____ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

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DEC 11 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: 12-5, 1979

Operator's Well No. 20659-T

API Well No. 47-039-3462
State County Permit

INSPECTOR'S WELL REPORT
ON

OIL & GAS DIVISION
DEPT. OF MINES

PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: _____ Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: _____

WELL OPERATOR: Columbia Gas Transmission Corp APPOINTED AGENT John R. Henning
Address: Charleston, wva. Address: Charleston, wva.

DRILLING CONTRACTOR: Delta Drilling Co SERVICE COMPANIES: _____
Address: Indiana Penna.

WELL DATA:
Drilling commenced 9-8-79 12-2-, 1979; completed _____, 19____
Total Depth _____ feet
Fracturing / Stimulation / on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Merc. in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

Drilling at - 5441 ft

508

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Martin B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: _____, 19____

Operator's
Well No. _____

API Well No. 47 - _____ -
State County Permit

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

WELL TYPE: Oil____/ Gas____/ Liquid Injection____/ Waste Disposal____/
(If "Gas", Production____/ Underground storage____/ Deep____/ Shallow____/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____
Address _____

DESIGNATED AGENT _____
Address _____

PLUGGING CONTRACTOR _____
Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ____/ Clean out and replug ____/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE _____

MISCELLANEOUS MATERIALS _____

CASING LOST _____

TYPE OF RIG:

Owner: Well Op'r____/ Contractor____/

Rig time: ____ days plus ____ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

Date: 1-4, 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. 20659 T
API Well No. 47-039-3462
State County Permit

INSPECTOR'S WELL REPORT
ON

PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil ___ / Gas / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep / Shallow)

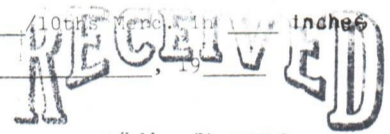
LOCATION: Elevation: _____ Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: _____

WELL OPERATOR Columbia Gas Trans Corp DESIGNATED AGENT John R. Henning
Address Charleston, wva Address Charleston

DRILLING CONTRACTOR Delta Drilling Co SERVICE COMPANIES Halibaiton
Address Penna.

WELL DATA:

Drilling commenced 9-8, 1979; completed _____, 19____
Total Depth _____ feet
Fracturing ___ / Stimulation ___ / on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Water in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____



JAN - 7 1980

OIL & GAS DIVISION
DEPT. OF MINES

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coat	<u>9 5/8</u>					<u>6539</u>	<u>6539.</u>	<u>470 Bags</u>	<u>50 Pos.</u>
Intermediate	<u>7</u>					<u>8913</u>	<u>8913</u>	<u>480 Bags</u>	<u>50 Pos.</u>
Production									Depths set
Tubing									
Liners									Perforations: Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

508

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Martin B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

Date: _____, 19__

Operator's Well No. _____

API Well No. 47 - _____ -
State County Permit

WELL TYPE: Oil ___/ Gas ___/ Liquid Injection ___/ Waste Disposal ___/
(If "Gas", Production ___/ Underground storage ___/ Deep ___/ Shallow ___/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____
Address _____

DESIGNATED AGENT _____
Address _____

PLUGGING CONTRACTOR _____
Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ___/ Clean out and replug ___/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE _____

MISCELLANEOUS MATERIALS _____

CASING LOST _____

TYPE OF RIG:
Owner: Well Op'r ___/ Contractor ___/
Rig time: ___ days plus ___ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: 1-22, 1980

Operator's Well No. 20659 T

API Well No. 47-039-3462-P
State County Permit

INSPECTOR'S WELL REPORT
ON
PLUGGING

WELL TYPE: Oil ___ / Gas ___ / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production / Underground storage ___ / Deep / Shallow ___)

LOCATION: Elevation: _____ Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: _____

WELL OPERATOR Columbia Gas Transmission DESIGNATED AGENT J.R. Hennig
Address Charleston, W.Va Address _____

PLUGGING CONTRACTOR _____ SERVICE COMPANIES (NAMES ONLY) _____
Address _____

PERMITTED WORK: Plug and abandon ___ / Clean out and replug ___

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE _____
MISCELLANEOUS MATERIALS _____
CASING LOST _____

TYPE OF RIG:
Owner: Well Op'r ___ / Contractor ___ /
Rig time: ___ days plus ___ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

Tearing down Rotary Rig.

RECEIVED
JAN 24 1980

OIL & GAS DIVISION
DEPT. OF MINES

09/08/2028

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Walter B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT
ON
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil____/ Gas____/ Liquid Injection____/ Waste Disposal____/
(If "Gas", Production____/ Underground storage____/ Deep____/ Shallow____/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____ DESIGNATED AGENT _____
Address _____ Address _____

DRILLING CONTRACTOR _____ SERVICE COMPANIES _____
Address _____

WELL DATA:

Drilling commenced _____, 19____; completed _____, 19____
Total Depth _____ feet
Fracturing____/ Stimulation____/ on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ____/10ths Water in ____ inches; after tubing, ____/10ths Merc. in ____ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations: Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

Date: 3-10, 1980

Operator's Well No. 20659-T

API Well No. 47-039-3462-P
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT
ON

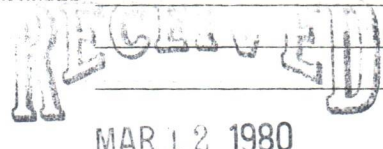
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil ___/ Gas ___/ Liquid Injection ___/ Waste Disposal ___
(If "Gas", Production ___/ Underground storage ___/ Deep / Shallow)

LOCATION: Elevation: _____ Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: _____

WELL OPERATOR Columbia Gas Transmission DESIGNATED AGENT J.R. Henning
Address Charleston, WVA Address Charleston, WVA

DRILLING CONTRACTOR _____ SERVICE COMPANIES _____
Address _____



WELL DATA:
Drilling commenced _____, 19____; completed _____, 19____
Total Depth _____ feet
Fracturing ___/ Stimulation ___/ on _____, _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Merc. in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

OIL & GAS DIVISION
DEPT. OF MINES

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations: Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

Running tubing getting Ready to plug

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Martin B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: _____, 19____

Operator's
Well No. _____

API Well No. 47 - _____ - _____
State County Permit

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

WELL TYPE: Oil ___/ Gas ___/ Liquid Injection ___/ Waste Disposal ___/
(If "Gas", Production ___/ Underground storage ___/ Deep ___/ Shallow ___/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____
Address _____

DESIGNATED AGENT _____
Address _____

PLUGGING CONTRACTOR _____
Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ___/ Clean out and replug ___/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE _____

MISCELLANEOUS MATERIALS _____

CASING LOST _____

TYPE OF RIG:
Owner: Well Op'r ___/ Contractor ___/
Rig time: ___ days plus ___ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: 3-11, 1980

Operator's Well No. 20659 T

API Well No. 47-039-3462-P
State County Permit

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

WELL TYPE: Oil ___ / Gas ___ / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep / Shallow ___)

LOCATION: Elevation: 1241.79 Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: _____

WELL OPERATOR Columbia Gas Transmission DESIGNATED AGENT J. R. Henning
Address Charleston, W. Va. Address Charleston, W. Va.

PLUGGING CONTRACTOR _____ SERVICE COMPANIES (NAMES ONLY)
Address _____ Haliburton

PERMITTED WORK: Plug and abandon / Clean out and replug _____

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Cement	9980	70-	8800- 275 Bag Cement
Mechanical plug at		4788	
Free Port-		7' at 4702	
Mechanical plug at		4698	
		958- 4262 ft.	
		938- 4302 ft	

Bridge Plugs Used--Type and Depth

Jelled Hole through 2" tubing
Cemented- 2300 to 2000 ft with
225 Bags Cement
Cemented- 2000 to 1900- 100 Bag
Cemented- 100 ft to Surface

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r ___ / Contractor ___ /

Rig time: ___ days plus ___ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

RECEIVED

MAR 13 1980

OIL & GAS DIVISION
DEPT. OF MINES

508

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Martin B. Nichols
District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT
ON
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil ___/ Gas ___/ Liquid Injection ___/ Waste Disposal ___/
(If "Gas", Production ___/ Underground storage ___/ Deep ___/ Shallow ___/)

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____ DESIGNATED AGENT _____
Address _____ Address _____

DRILLING CONTRACTOR _____ SERVICE COMPANIES _____
Address _____

WELL DATA:

Drilling commenced _____, 19____; completed _____, 19____
Total Depth _____ feet
Fracturing ___/ Stimulation ___/ on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in _____ inches; after tubing, ___/10ths Merc. in _____ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Coal								Sizes
Intermediate								
Production								Depths set
Tubing								
Liners								Perforations:
								Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL _____

DATE OF INSPECTOR'S LATEST VISIT TO WELL _____

INSPECTOR'S AND OTHER REMARKS:

09/08/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: 1/14, 1980

IV-4
Form)

NOTICE OF INTENTION TO PLUG AND ABANDON A WELL

Operator's Well No. 20659-T
API Well No. 47-039-3462-P
State County Permit

TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas", Production X / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1241.79' Watershed: Campbells Creek
District: Malden County: Kanawha Quadrangle: Mammoth

OPERATOR Columbia Gas Transmission Corp.
Address P. O. Box 1273
Charleston, WV 25325

DESIGNATED AGENT J. R. Henning
Address P. O. Box 1273
Charleston, WV 25325

ROYALTY OWNER Sally D. Todd
Address c/o Kanawha Valley Bank
Charleston, WV 25301

COAL OPERATOR Valley Camp Coal Co.
Address 700 Westgate Tower
Cleveland, Ohio 44101

ACREAGE 1350
LESSOR Same as Royalty Owner

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Sally D. Todd
Address c/o Kanawha Valley Bank
Charleston, WV 25301

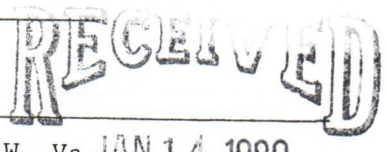
ADDRESS
ACREAGE

Name
Address

INSPECTOR: Mr. Martin Nichols
Address Clendenin, W. Va
Tele: 548-6993

COAL LESSEE WITH DECLARATION ON RECORD
Name Valley Camp Coal Co.
Address 700 Westgate Tower
Cleveland, Ohio 44101

OIL & GAS DIVISION
DEPT. OF MINES



The undersigned proposes to plug and abandon X / clean out and replug / the above described well, commencing on the date the Oil and Gas Inspector is notified, it being understood that the date of such notification shall not be less than five days after the day on which this Form IV-4 is received or in due course should be received by the Department of Mines.

The method of plugging is planned as shown on the work order on the reverse side hereof. This Notice is given to the Department and the others specified above, so that they or their representatives may be present at the plugging and filling of said well. However, whether they are present or not, the undersigned will proceed on that date, or as soon thereafter as convenient, to clean out and replug said well by the applicable method specified in Code § 22-4-10 and given in full on the reverse hereof.

This notice has been or is being this day sent by registered or certified mail to each party at the address above listed.

ISSUED: January 15, 1980

APPROVED: [Signature]

J. R. Henning
Name of Person Giving Notice*
By [Signature]
Its Director, Exploration & Development

(if not set forth above)

No well record with application 09/08/2023

Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-4 must be filed with the Department, accompanied by (i) a plat required by Regulation 8.01 in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security required by Code § 22-4-9, (iii) the fee required by Code § 22-4-12a, and (iv) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23.

BLANKET BOND

[Signature]

PROPOSED WORK ORDER FOR PLUGGING AND FILLING WELL

[08-78]

[THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED
BY AFFIDAVIT (FORM IV-38) ON COMPLETION]

PLUGGING CONTRACTOR (IF KNOWN) _____

Address _____

PLUGGING METHOD PROPOSED BY WELL OPERATOR:

- _____ As provided by Code § 22-4-10(a)(1), where the well does not penetrate a workable coal bed and without placing a liner
- _____ As provided by Code § 22-4-10(a)(2), where the well does not penetrate a workable coal bed but including placing a liner
- X As provided in Code § 22-4-10(b), where a coal protection string of casing has been circulated and cemented in to the surface
- _____ As provided in Code § 22-4-10(c), where a coal protection string of casing has not been circulated and cemented in to the surface

NOTE: If the proposed plugging method is the last stated above, as provided in Code § 22-4-10(c), then the well operator must include cost estimates in the space provided below, and in addition complete the right-hand column (including comparative estimates) in case the coal operator, owner or lessee has requested or does request plugging under the provisions of Code § 22-4-10(d)(3).

- _____ As provided in Code § 22-4-10(e), where the well must be cleaned out and replugged to permit the safe mining through of such well

Description of the method by which the well was previously plugged: _____

FOR PLUGGING METHOD PROPOSED

Type of Cement	Other Materials	Depth	Thickness	Estimated Cost
50 mix	HR4	10,508	1708	
50 mix	CFR-2	6,300	200	
50 mix		5,900	200	
50 mix		2,700	200	
50 mix		200	200	

Bridge Plugs Used--Type and Depth

Mechanical Bridge Plug @ 6400'

Mechanical Bridge Plug @ 6000'

PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r ___ / Contractor X /

Rig time: ___ days plus ___ hours

OPERATOR'S LABOR COSTS

OUTSIDE SERVICES (type and company)

Liburton

SUB-TOTAL

LESS SALVAGE

TOTAL

FOR PLUGGING ON REQUEST UNDER CODE § 22-4-1

Type of Cement	Other Materials	Depth	Thickness	Estimated Cost

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r ___ / Contractor ___ /

Rig time: ___ days plus ___ hours

OPERATOR'S LABOR COSTS

OUTSIDE SERVICES (type and company)

09/08/2023

SUB-TOTAL

LESS SALVAGE

TOTAL



RECEIVED
APR 30 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 27, 1984

COMPANY Columbia Gas Transmission Corp.

PERMIT NO 039-3462-P

P. O. Box 1273

FARM & WELL NO Sally D. Todd #20659-T

Charleston, West Virginia 25325

DIST. & COUNTY Malden/Kanawha

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	_____	_____
16.01	Required Permits at Wellsite	_____	_____
17.02	Method of Plugging	_____	_____
18.01	Materials used in Plugging	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
17.06	Statutory Affidavit	_____	_____
7.06	Parties Responsible	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Rod Dillon

DATE 4/24/84

Your Affidavit of Plugging was received and reclamation requirements approved.
The well designated by the above permit number has been released under your bond.

TLL r AB
Administrator-Oil & Gas Division

May 9, 1984

DATE

1/15/80

10,800'

Latitude 38° 20' 00"

55

13,300'

Longitude 81° 20' 00"

STAKE TOP RIDGE
DOUBLE CHESTNUT
OAK BEECH AND
HICKORY POINTERS
CALL OF BEECH
STAKE AND POINTERS
TOP OF RIDGE NEAR
HEAD OF BIG GATE
HOLLOW

CEDAR GROVE SEAM
MINE OPENING No. 4
ABD ELEV. 1251.18'
COAL 1241.16'

CREEK

20659-T

S 67° 45' E
1603'

15'

S 12° 20' E
2693'

CAMPBELLS
RR

HUB BETWEEN
2 RAILS OF RAIL ROAD
OPPOSITE OLD
THEATER AT PUTNEY

8805

HAPPY HOLLOW

SALLY D. TODD
MINERAL &
SURFACE

R. GRAVES HUBBARD
TRUSTEE FOR
H. C. DICKINSON

N 39° 30' E
2418'

FARM
MAP

BENCH MARK DESCRIPTION

BLOUNT, ABOUT 90' EAST OF
POST OFFICE SET IN TOP
NORTH EAST CONCRETE
ABUTMENT OF SMALL BRIDGE
ABOUT 2.2' LOWER THAN
BRIDGE FLOOR; STANDARD
TABLET GONE ELEVATION
792.936'

STAKE 75' NORTH
RIDGE AT HEAD
HAPPY HOLLOW OLD
BEECH POINTER SMALL
DOGWOOD POINTER
SMALL BLACK GUM POINTER

SMALL
HICKORY ON
TOP OF RIDGE

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

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

1/15/80
ENGR. REG. No. 2330
BOX 1273 CHARLESTON

Signed William S. Dickinson

Company COLUMBIA GAS TRANS CORP.
 Address BOX 1273 CHARLESTON, W. VA.
 Farm SALLY D. TODD
 Lease 25631 Acres 1350
 Well Farm No. _____ Ser. No. 20659-T
 Elevation - Spirit Level 1241.79'
 Quadrangle MANMOTH, CLENDENIN 15'
 Township or District MALDEN
 County KANAWHA
 Sec., Lot, Qr. _____ T _____ R _____
 Coordinates LAT. 38° 17' 48" LONG. 81° 22' 16"
 File No. 74-55 Dwg. No. _____
 Date 3-21-79 Scale 1" = 400'

FORM 149a CE 4 CSD
(REV. 11-78)

COLUMBIA GAS SYSTEM
COLUMBIA GAS TRANSMISSION CORPORATION

WELL LOCATION MAP
STATE OF WEST VIRGINIA

(+) Denotes Values of Well On
United States Topographic Map 09/08/2023

47-039-3462-P

Scale 15' 7-1/2' 3-1/2' 1-1/2' 3/4' 1/2' 1/4' DRI
WELL

10,000 Black River