



Well No. 21079

Farm Amherst Coal Co.

API #47 - 039 - 3883

Date June 16, 1982

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_ / Gas X /

(If "Gas", Production X / Underground storage \_\_\_ / Deep X / Shallow \_\_\_ /

LOCATION: Elevation: 1328.28 Watershed: Point Lick Fork  
District: Malden County: Kanawha Quadrangle: Quick

WELL OPERATOR Columbia Gas Transmission Corp. DESIGNATED AGENT J. L. Weekley  
Address P. O. Box 1273  
Charleston, WV 25325 Address P. O. Box 1273  
Charleston, WV 25325

OIL AND GAS ROYALTY OWNER Amherst Coal Co. COAL OPERATOR Pratt Mining Co.  
Address Port Amherst Address P. O. Box 175  
Charleston, WV 25306 Hansford, WV 25103  
Acreage 640

SURFACE OWNER Amherst Coal Co. COAL OWNER(S) WITH DECLARATION ON RECORD:  
Address Port Amherst NAME Same as Royalty Owner  
Charleston, WV 25306 Address

FIELD SALE (IF MADE) TO:  
NAME Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Martin Nichols  
Address P. O. Box 554  
Clendenin, WV 25045  
Telephone 548-6993

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME Pratt Mining Co.  
Address P. O. Box 175  
Hansford, WV 25103

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JUN 17 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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 6/1, 1982, to the undersigned well operator from \_\_\_\_\_.

(If said deed, lease, or other contract has been recorded:)

Recorded on \_\_\_\_\_, 1982, in the office of the Clerk of County Commission of \_\_\_\_\_  
Kanawha County, West Virginia, in \_\_\_\_\_ 20 Book at page 331. 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) \_\_\_\_\_

--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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

02/16/2024

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

BLANKET BOND

Columbia Gas Transmission Corporation  
Well Operator

By: [Signature]  
Its: Manager, Drilling & Operations, East

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Clinton

Estimated depth of completed well 6995 feet. Rotary  / Cable tools  /

Approximate water strata depths: Fresh, 578 feet; salt, \_\_\_\_\_ feet.

Approximate coal seam depths: 313, 821  
Is coal being mined in this area: Yes  / No  /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	20			X		60'	60'	To surface	Kinds
Fresh water	13-3/8			X		600'	600'	To surface	
Coal	9-5/8			X		2600'	2600'	To surface	Sizes
Intermed.	7			X		5600'			
Production Tubing	4-1/2			X		6995			Depths set
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat 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 allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 2-24-83

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator        / owner        / lessee        / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_

*File*

02/16/2024

84



IV-9  
(Rev 8-81)

DATE 6/7/82  
WELL NO. 21079  
API NO. 47-039-3883

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME COLUMBIA GAS TRANS DESIGNATED AGENT D.C. WINGATE  
Address Box 1273, CHARLESTON, WV Address Box 610, CLENDENIN, WV  
Telephone 357-2000 Telephone 965-3317  
LANDOWNER \_\_\_\_\_ SOIL CONS. DISTRICT Capitol  
Revegetation to be carried out by D.C. WINGATE (Agent)

This plan has been reviewed by CAPITOL SCD. All corrections and additions become a part of this plan:

JUN 16 1982  
(Date)  
R. C. [Signature]  
(SCD Agent)

ACCESS ROAD		LOCATION	
Structure <u>Drainage Ditch</u> (A)		Structure <u>Drilling Pit</u> (1)	
Spacing <u>Box stake</u>		Material <u>EARTH</u>	
Page Ref. Manual <u>2-12 &amp; 2-14</u>		Page Ref. Manual _____	
Structure _____ (B)		Structure <u>Division Ditch</u> (2)	
Spacing _____		Material <u>EARTH</u>	
Page Ref. Manual _____		Page Ref. Manual <u>2-12, 2-13</u>	
Structure _____ (C)		Structure _____ (3)	
Spacing _____		Material _____	
Page Ref. Manual _____		Page Ref. Manual _____	

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WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I		Treatment Area II	
Lime _____ Tons/acre		Lime <u>3</u> Tons/acre	
or correct to pH <u>6.5</u>		or correct to pH <u>6.5</u>	
Fertilizer <u>600</u> lbs/acre		Fertilizer <u>600</u> lbs/acre	
(10-20-20 or equivalent)		(10-20-20 or equivalent)	
Mulch <u>HAY</u> Tons/acre		Mulch <u>Hay 2</u> Tons/acre	
Seed* <u>KENTUCKY 31 FESCUE</u> lbs/acre		Seed* <u>Ky 31 Tall Fescue</u> lbs/acre	
_____ lbs/acre		<u>Crownvetch</u> lbs/acre	
_____ lbs/acre		_____ lbs/acre	

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY L.E. Friend 02/16/2024

ADDRESS Box 1273,  
CHARLESTON, WV 25325  
PHONE NO. 357-2000

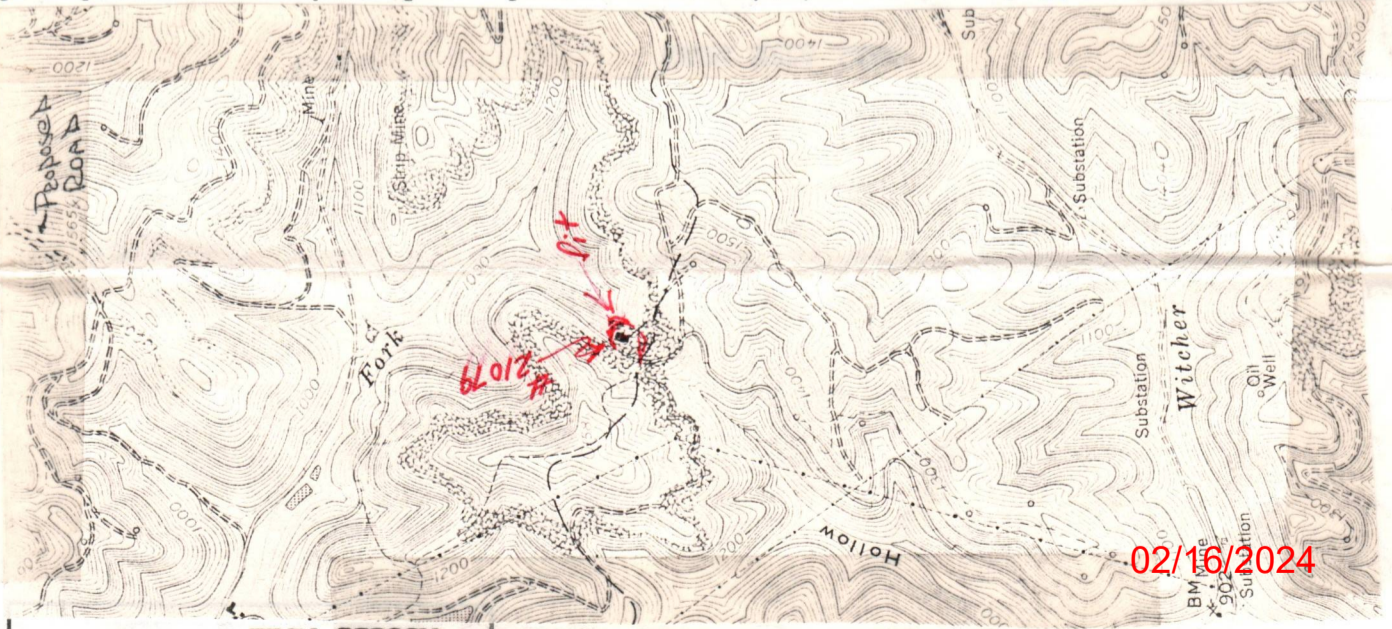
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE *Quick*

LEGEND

Well Site ⊕

Access Road ———



Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———

Road = = = =

Existing fence — x — x — x —

Planned fence — / — / — / —

Stream ~ ~ ~ ~

Open ditch — ···· — ···· — ···· —

Division // // // //

Spring ○ —>

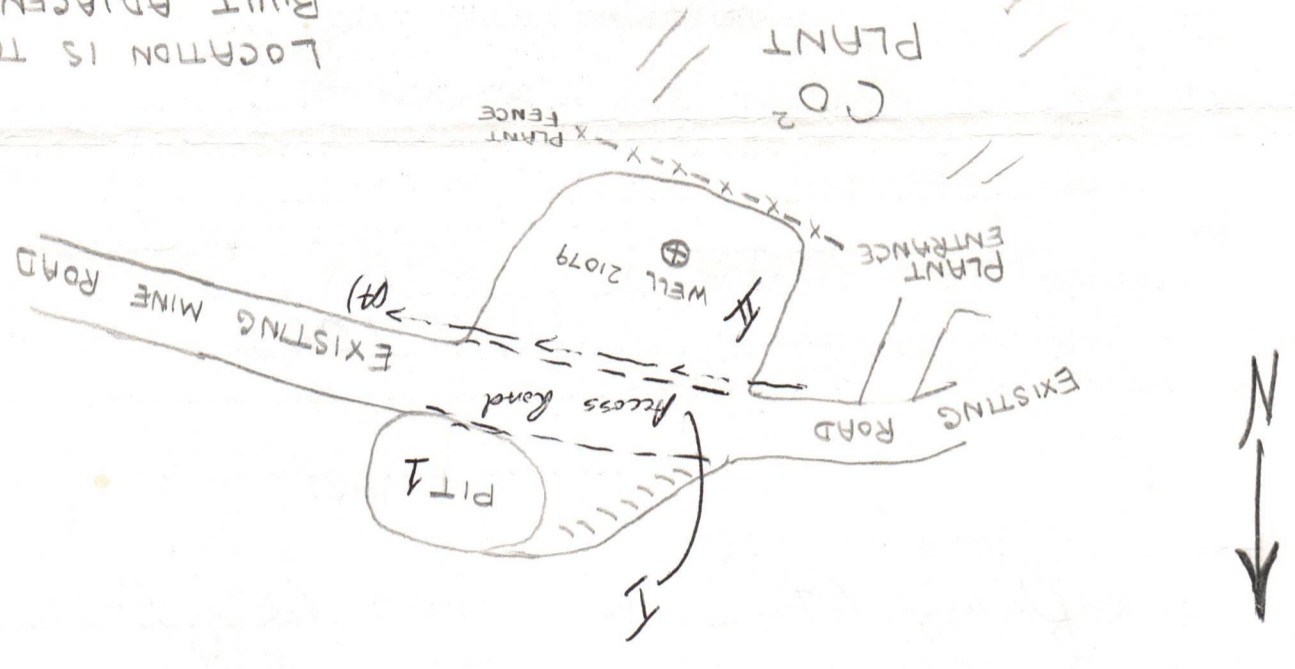
Wet spot ⊕

Building ■

Drain pipe — ○ — ○ — ○ —

Waterway — ≡ — ≡ — ≡ —

LOCATION IS TO BE BUILT ADJACENT TO A COLUMBIAN GAS CO<sub>2</sub> EXTRACTION PLANT USING THE PLANTS ACCESS ROAD —



# CAPITOL SOIL CONSERVATION DISTRICT

JUNE 16, 1982

1422 Federal Building  
500 Quarrier St.  
Charleston, WV 25301

SITE: 21079, Columbia Gas Transmission Corporation, P.O. Box 1273  
Charleston, WV 25325  
L. L. Friend--357-2000

QUADRANGLE: QUICK LANDOWNER: NOT DESIGNATED

PLAN RECEIVED BY CAPITOL SCD ON: JUNE 8, 1982, 1st Class Mail.

PLAN REVIEWED BY: Michael L. Edwards, Agent for Capitol SCD, on  
JUNE 14, 1982.

PLAN PREPARED BY: L. L. Friend, Columbia Gas

## RECLAMATION PLAN COMMENTS:

- (1) ACCESS ROAD - The existing conditions and plans for reclamation of the existing road (if needed) should be shown on the sketch (paving, gravel, etc.). Other existing structures such as ditch lines should be shown on the sketch. Page Ref. Manual 2-12 & 2-14. The length and slope of the existing road should be shown on the sketch in order to determine the number of structures needed. One or more ditch relief cross drains or culverts may be needed. Page Ref. Manual 2-1, 2-3, 2-4 Table 1, 2-7 & 2-8 Tables 3 and 4.
- (2) LOCATION - STRUCTURE (1) DIVERSION DITCH - Page Ref. Manual 2-12 & 2-13.
- (3) REVEGETATION - TREATMENT AREAS I AND II - LIME - We recommend 3 tons per acre or correct to pH 6.5.
- (4) REVEGETATION - TREATMENT AREAS I AND II - MULCH - Minimum amount of mulch is 1.5 - 2.5 tons per acre.
- (5) REVEGETATION - TREATMENT AREAS I AND II - SEED - We recommend Ky. 31 Tall Fescue 30 lbs. per acre and Crownvetch 10 lbs. per acre.
- (6) SKETCH - TREATMENT AREAS I AND II - Should be identified on sketch. I is for ACCESS ROAD and II is for LOCATION.
- (7) SKETCH - Symbols (A) (B) or whatever should be shown on sketch for diversion ditches and other structures.
- (8) SKETCH - The sketch should show the cut and fill areas around the location.
- (9) COMMENTS - Topsoil shall be scalped from the disturbed area, stockpiled and utilized for topdressing after the site is regraded.
- (10) The WV Dept. of Mines, Oil & Gas Division has requested that all plans be prepared with BLACK INK ONLY. Pencil, red or blue ink will not XEROX.
- (11) The landowners name should be shown on the form.

NOTE: ALL COMMENTS SHOULD BE STUDIED SO THEY WILL NOT BE REPEATED ON FUTURE PLANS.

*R. C. Alford*

R. C. ALFORD, CHAIRMAN  
CAPITOL SCD BOARD OF SUPERVISORS

cc: Office of Oil & Gas, WV Dept. of Mines  
Michael L. Edwards, Agent for Capitol SCD

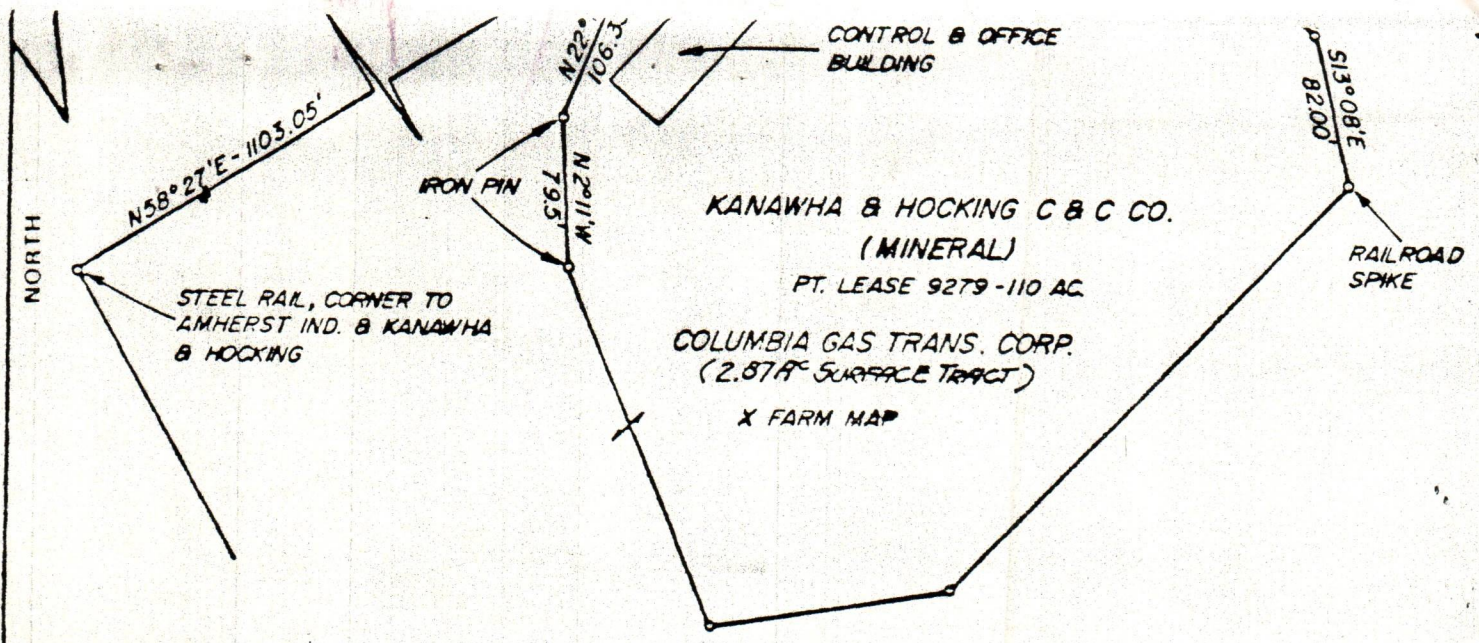
KAW 3883  
02/16/2024

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JUN 17 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

02/16/2024



COAL LEASED TO PRATT MINING CO.  
NOT OPERATED IN VICINITY OF PROPOSED WELL AT PRESENT.

FILE NO. 70-55  
DRAWING NO. 21079  
SCALE 1"=100'  
MINIMUM DEGREE OF ACCURACY 1 Part in 2500  
PROVEN SOURCE OF ELEVATION U.S. GOV'T BM  
ELEV. 922'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
(SIGNED) [Signature]  
R.P.E. \_\_\_\_\_ L.L.S. 99

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
FORM IV-6 (8-78) LAT: 38°17'46"  
LONG: 81°27'51"



DATE MARCH 30 19 82  
OPERATOR'S WELL NO. 21079  
API WELL NO. 47  
STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION \_\_\_ STORAGE X DEEP X SHALLOW \_\_\_  
LOCATION ELEVATION 1328.28' WATER SHED POINTLICK FORK  
DISTRICT MALDEN COUNTY KANAWHA  
QUADRANGLE GUICK  
SURFACE OWNER AMHERST COAL CO. ACREAGE \_\_\_\_\_  
OIL & GAS ROYALTY OWNER AMHERST COAL CO. LEASE NO. 1021 LEASE ACREAGE 640 AC. UNIT  
PROPOSED WORK DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION TUSCARORA ESTIMATED DEPTH 3000'  
WELL OPERATOR COL GAS TRANS. CORP. DESIGNATED AGENT J. L. WEEKLEY  
ADDRESS CHARLESTON, WV ADDRESS SAME

**47-039-3883**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

**W A I V E R**

The undersigned coal operator X / owner \_\_\_ / lessee X / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 22 June, 1982.

*Waiver*

Pratt Mining Co.  
By: RL Bird, Jr.  
Its: Land Agent

02/16/2024



55

STREET MAP, CORNER TO  
INVESTMENT NO. 8




55

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JUN 23 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

02/16/2024

*[Faint handwritten notes and signatures at the bottom of the page, including what appears to be a signature and the date '02/16/2024']*



Well No. 21079

AFFIDAVIT

I, R. Joe Johnson (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: R. Joe Johnson  
(Owner, Operator, or Authorized Representative)

Notary : Patty Enley (Signed)

My commission expires SEPTEMBER 25, 1985

47-039-3883

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JUN 17 1982

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WV DEPARTMENT OF MINES





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JUN 17 1985

WV DEPARTMENT OF MINES  
OIL AND GAS DIVISION



STATE OF WEST VIRGINIA  
OIL AND GAS CONSERVATION COMMISSION  
CHARLESTON 25305

June 22, 1982

Mr. Thomas E. Huzzey, Administrator  
Department of Mines  
Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47- 039-3883 TO DRILL DEEP WELL

COMPANY: COLUMBIA GAS TRANSMISSION CORPORATION

FARM: AMHERST COAL COMPANY

COUNTY: KANAWHA DISTRICT: MALDEN

The application of the above company is APPROVED FOR TUSCARORA 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 Commission, 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 1750 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

TEH/rf

02/16/2024



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IV-35 (Rev 8-81)

FEB 8 - 1984

Date February 6, 1984

OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Operator's Well No. 21079 Farm Amherst Coal Company API No. 47 - 039 - 3883

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 X / Underground Storage / Deep X / Shallow /)

LOCATION: Elevation: 1328.28 Watershed Point Lick Fork District: Malden County Kanawha Quadrangle Quick

COMPANY Columbia Gas Transmission Corporation ADDRESS P. O. Box 1273, Charleston, WV DESIGNATED AGENT James L. Weekley ADDRESS P. O. Box 1273, Charleston, WV SURFACE OWNER Amherst Coal Company ADDRESS Port Amherst, Charleston, WV 25306 MINERAL RIGHTS OWNER Amherst Coal Company ADDRESS Port Amherst, Charleston, WV 25306 OIL AND GAS INSPECTOR FOR THIS WORK Martin Nichols ADDRESS Clendenin, WV 25045 PERMIT ISSUED 6-18-82 DRILLING COMMENCED 7-7-82 DRILLING COMPLETED 8-2-82

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-10X, 13-10X, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

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

GEOLOGICAL TARGET FORMATION Tuscarora Depth 6996 feet Depth of completed well 7010 feet Rotary X / Cable Tools Water strata depth: Fresh feet; Salt feet Coal seam depths: 191-199' Is coal being mined in the area? No

OPEN FLOW DATA Producing formation Tuscarora Pay zone depth 6948-6956 feet Gas: Initial open flow 1420 Mcf/d Oil: Initial open flow Bbl/d Final open flow 4300 Mcf/d Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure 1560 psig (surface measurement) after 72 hours shut in (If applicable due to multiple completion--)

02/16/2024

KAV 3883

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

Acidized Tuscarora 9-22-82 from 6948-6960' with 1000 gallons HCL and 2000 gallons HF, 22,125# 20/50 sand.

7" casing run to 5544'. Pulled 2302'. Left 3242' in hole hanging on packer set at 2302'.

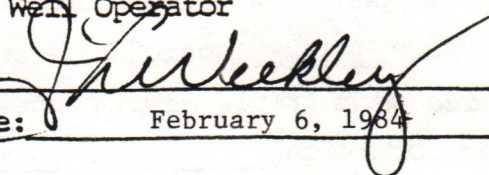
WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
Sand	White			140	
Shale	gray		140	153	
Sand	gray		153	191	
Coal	black		191	199	
Shale	gray		199	283	
Sand	gray		283	1018	
Sand	white hard		1018	1115	
Sandy shale	medium gray		1115	1180	
Sand	white hard		1180	1325	
Sandy shale	medium gray		1325	1474	
Salt Sand			1474	1620	
Shale			1620	1635	
Maxon			1635	1675	
Little Lime			1675	1735	
Shale			1735	1740	
Big Lime			1740	1900	
Injun			1900	1960	
Siltstone			1960	2170	
Weir			2170	2210	
Siltstone			2210	2310	
Berea			2310	2330	
Onondaga			5350	5450	
Oriskany			5450	5500	
Williamsport			6210	6240	
Keefer			6450	6485	
Tuscarora			6890	6970	
LTD				7012	
DTD				7010	

(Attach separate sheets as necessary)

Columbia Gas Transmission Corporation

Well Operator

By:   
 Date: February 6, 1984

02/16/2024

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 drilling of a well."

123

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

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JUL 15 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 47-039-3883

Oil or Gas Well Gas  
(KIND)

Company <u>Columbia Gas Transmission</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston, WV</u>	Size			
Farm <u>Amherst Coal Co</u>	<u>10-20"</u>	<u>39</u>	<u>39</u>	Kind of Packer
Well No. <u>21079</u>	<u>13</u>	<u>878</u>	<u>878</u>	
District <u>Malden</u> County <u>Kenawha</u>	<u>10</u>			Size of
Drilling commenced <u>7-7-82</u>	<u>8 1/4</u>			
Drilling completed _____ Total depth _____	<u>6 3/8</u>			Depth set
Date shot _____ Depth of shot _____	<u>5 3/16</u>			
Initial open flow _____ /10ths Water in _____ Inch	<u>3</u>			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	<u>2</u>			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>13 3/8</u> SIZE <u>878</u> No. FT. <u>7-11-82</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Haliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks:

Cemented with 200 Bags.  
Drilling at 1187 FT

7-13-82

Martin B. Nichols  
508

02/16/2024

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

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.  
DATE

02/16/2024

OG-11

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

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JUL 22 1982

INSPECTOR'S WELL REPORT OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 47-039-3883

Oil or Gas Well Gas

Company <u>Columbia Gas Transmission Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston, WV</u>	Size			
Farm <u>Amherst Coal Co</u>	16			Kind of Packers
Well No. <u>21079</u>	13			
District <u>Minden</u> County <u>Kanawha</u>	10 <u>9 5/8</u>	<u>2370</u>	<u>2370</u>	Size of
Drilling commenced <u>7-7-82</u>	8 1/2			Depth of
Drilling completed _____ Total depth _____	6 3/4			
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	4			Perforations
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perforations
Volume _____ Cu Ft	Liners Used _____			
Rock pressure _____ lbs. _____ psi	CASING CEMENTED <u>9 5/8</u> IN <u>2370</u> <u>7-19-82</u>			
Oil _____ bbls., 1st 24 hrs.	NAME OF ENGINEER <u>Dowell</u>			
Depth water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ INCHES			
Oil surface _____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Driller Name \_\_\_\_\_

Remarks Cemented with 990 Bags  
Drilling at 2510 ft

7-20-82  
DATE

Martin B. Nichols  
DISTRICT INSPECTOR  
508

02/16/2024



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

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

02/16/2024

DISTRICT WELL INSPECTOR

B12  
IV-20  
Obverse  
1-84



RECEIVED  
MAY 14 1984

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
February 15, 1984

COMPANY Columbia Gas Transmission Corp. PERMIT NO 039-3883  
P. O. Box 1273 FARM & WELL NO Amherst Coal Co. #21079  
Charleston, West Virginia 25325 DIST. & COUNTY Malden/Kanawha

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

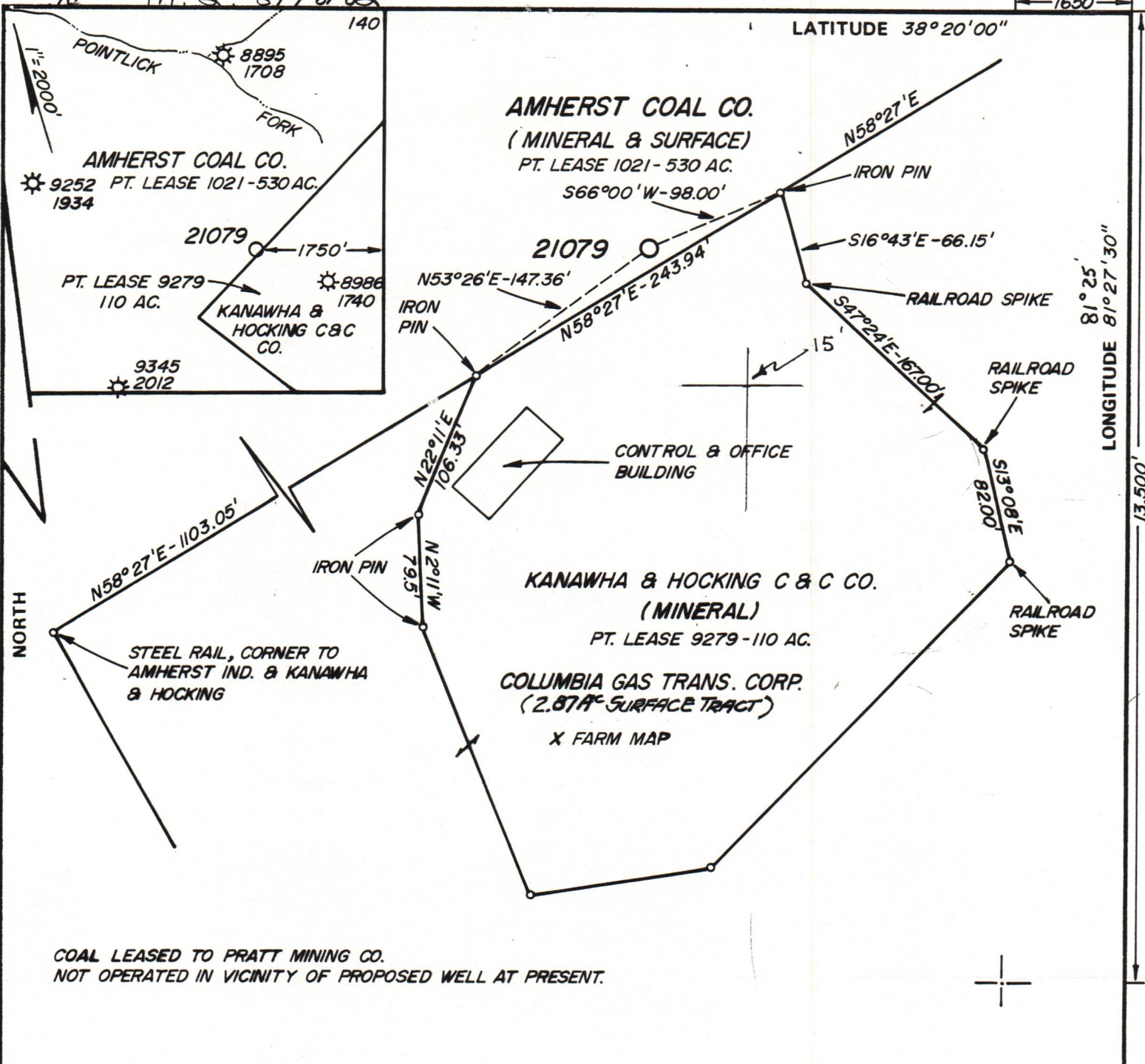
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Rodney Dillon  
DATE 5/11/84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...  
Administrator-Oil & Gas Division

May 18, 1984  
DATE



COAL LEASED TO PRATT MINING CO.  
NOT OPERATED IN VICINITY OF PROPOSED WELL AT PRESENT.

FILE NO. 70-55  
 DRAWING NO. 21079  
 SCALE 1"=100'  
 MINIMUM DEGREE OF ACCURACY 1 Part in 2500  
 PROVEN SOURCE OF ELEVATION U.S. GOV'T BM  
ELEV. 902'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) *Sloyd C. Hart*  
 R.P.E. \_\_\_\_\_ L.L.S. 99

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78) LAT: 38°17'46"  
 LONG: 81°27'51"



DATE MARCH 30, 19 82  
 OPERATOR'S WELL NO. 21079  
 API WELL NO. 47-039-3883  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE X DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 1328.28' WATER SHED POINTCLICK FORK  
 DISTRICT MALDEN COUNTY KANAWHA  
 QUADRANGLE QUICK  
 SURFACE OWNER AMHERST COAL CO. ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER AMHERST COAL CO. LEASE ACREAGE 640 AC  
 LEASE NO. 1021  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION TUSCARORA ESTIMATED DEPTH 7,000'  
 WELL OPERATOR COL. GAS TRANS. CORP. DESIGNATED AGENT J. L. WEEKLEY  
 ADDRESS CHARLESTON, WV ADDRESS SAME  
25325-1273