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MAY 9 - 1984

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OIL & GAS DIVISION  
DEPT. OF MINES



1) Date: 5-1, 1984  
 2) Operator's Well No. 21173  
 3) API Well No. 47 - 015 - 2232  
 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 1058.87 Watershed: Summers Fork RE-37-D  
 District: Henry County: Clay Quadrangle: Newton
- 6) WELL OPERATOR Columbia Gas Transmission 7) DESIGNATED AGENT J. L. Weekley  
 Address P. O. Box 1273 Address P. O. Box 1273  
Charleston, WV 25325 Charleston, WV 25325
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Craig Duckworth  
 Address Box 107 Davisson Rt.  
Gassaway, WV 26624
- 9) DRILLING CONTRACTOR: Name \_\_\_\_\_ Address \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Injun
- 12) Estimated depth of completed well, 1985 feet  
 13) Approximate trata depths: Fresh, 200 feet; salt, 1200 feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes  No
- 15) CASING AND TUBING PROGRAM

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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	8-5/8	K	24	X		370	370	To surface	Kinds
Fresh water									Sizes
Coal									Depths set
Intermediate									Perforations:
Production	4 1/2	K	10.5	X		1985	1985	To surface	Top Bottom
Tubing									
Liners									

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-015-2232 Date June 6, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires June 6, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>LS</u>	Plat: <u>MH</u>	Casing: <u>TS</u>	Fee: <u>4060-0899</u>
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[Signature]  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.





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PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

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OIL & GAS DIVISION  
DEPT. OF MINES

1) LOCATION  
2) WELL OPERATOR  
3) OIL & GAS INSPECTOR TO BE NOTIFIED  
4) PROPOSED WELL WORK  
5) GEOLOGICAL TARGET FORMATION  
6) Estimated depth of completed well  
7) Approximate true depths  
8) Approximate coal seam depths  
9) CASING AND TUBING PROGRAM

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date Date(s)

Application received Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason: [Signature]

Reason: [Signature]

Table with columns: Reason, Date, Signature, etc.

05/17/2024



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2) Operator's Well No. 21173  
3) API Well No. 47-015-2232  
State County Perm

OIL & GAS DIVISION STATE OF WEST VIRGINIA  
DEPT. OF MINES DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Kenneth Brady  
Address Ovapa, WV 25150  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR Unoperated  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD  
Name Chessie Irene Hicks et. al.  
Address 109 Castello St.  
Charleston, WV 25302  
Name \_\_\_\_\_  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name N/A  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes (No)

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

J. L. Weekley  
this 2 day of May, 1984.  
My commission expires 8-13, 1989.

Larry J. Burdette  
Notary Public, Benawa County,  
State of West Virginia

WELL  
OPERATOR Columbia Gas Transmission Corp.  
By [Signature]  
Its Director, Drilling & Operations  
Address P. O. Box 1273  
Charleston, WV 25325  
Telephone 357-2000

05/17/2024



I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Annie B. Hicks	United Fuel Gas	1/8	8	169





IV-9  
(Rev 8-81)

DATE October 13, 1983

WELL NO. 21173

State of West Virginia

API NO. 47 - 015 - 2232

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Columbia Gas Transmission Corp.

DESIGNATED AGENT Joseph E. Campbell

Address P. O. Box 1273, Charleston, WV

Address P. O. Box 1273, Charleston, WV

Telephone 357-2000

Telephone 357-2741

LANDOWNER Kenneth Brady

SOIL CONS. DISTRICT Elk S.C.D.

Revegetation to be carried out by Joseph E. Campbell

(Agent)

This plan has been reviewed by \_\_\_\_\_  
and additions become a part of this plan: \_\_\_\_\_

Elk

SCD. All corrections

10-18-83  
(Date)

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Joseph E. Campbell  
(SCD Agent)

OIL & GAS DIVISION

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ACCESS ROAD

LOCATION

Structure 16" Culvert (A)

Structure Diversion Ditch (1)

Spacing Per Sketch

Material Per Sketch (Earthen)

Page Ref. Manual 2-7 & 2-8; Table 3

Page Ref. Manual 2-12 & 2-13

Structure Rip Rap (B)

Structure Rip Rap (2)

Spacing Rock Berms

Material Rock Berms

Page Ref. Manual 2-10

Page Ref. Manual 2-10

Structure Drainage Ditch (C)

Structure Sediment Barrier (3)

Spacing Per Sketch

Material Rock Berms

Page Ref. Manual 2-12

Page Ref. Manual 2-16

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

Line Three (3) Tons/acre  
or correct to pH 6.5

Line Three (3) Tons/acre  
or correct to pH 6.5

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Mulch (Straw) Two (2) Tons/acre

Mulch (Straw) Two (2) Tons/acre

Seed\* Ky. 31" Fescue 30 lbs/acre

Seed\* Ky. 31" Fescue 30 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

lbs/acre

05/17/2024

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

PLAN PREPARED BY Michael John

ADDRESS P. O. Box 1273

Charleston, WV

PHONE NO. 357-2584

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







P 377 817 756

P 377 817 757

LB

LB

Kenneth R. Brady  
General Delivery  
Ovapa WV 25150

Chessie Irene Hicks  
109 Costello Street  
Charleston WV 25302

Postage	20
Postage Fee	15
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.55

Postage	20
Postage Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return Receipt Showing to whom, Date, and Address of Delivery	1
TOTAL Postage and Fees	\$ 1.55

PS Form 3800, Feb. 1972

PS Form 3800, Feb. 1972



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IV-35  
(Rev 8-81)

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OIL & GAS DIVISION  
DEPT. OF MINES  
State of West Virginia  
Department of Mines  
Oil and Gas Division

Date February 4, 1985  
Operator's Well No. 21173  
Farm Kenneth Brady  
API No. 47 - 015 - 02232

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

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

LOCATION: Elevation: 1058.87 Watershed Summers Fork  
District: Henry County Clay Quadrangle Newton

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 Kenneth Brady

ADDRESS Ovapa, WV 25150

MINERAL RIGHTS OWNER Chessie Iren Hicks

ADDRESS 109 Castello Street, Charleston, WV

OIL AND GAS INSPECTOR FOR THIS WORK Craig Duckworth  
ADDRESS Box 107, Davisson Rt Gassaway, WV 26624

PERMIT ISSUED 6-11-84

DRILLING COMMENCED 8/5/84

DRILLING COMPLETED 8/9/84

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 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	383.09	383.09	120 sacks
7			
5 1/2			
4 1/2	2031	2031	435 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun Depth 1985 feet

Depth of completed well 2030 feet Rotary X / Cable Tools

Water strata depth: Fresh 230 feet; Salt 1270 feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA This is a secondary recovery.

Producing formation Injun Pay zone depth 1938-1981 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--)

05/17/2024

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)

CLAY 2232









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

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OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
February 20, 1985

COMPANY Columbia Gas Trans. Corp.  
P. O. Box 1273  
Charleston, West Virginia 25325

PERMIT NO 015-2232  
FARM & WELL NO Kenneth Brady #21173  
DIST. & COUNTY Henry/Clay

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 Craig Duckworth  
DATE 3/6/85

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. L. ...  
Administrator-Oil & Gas Division  
March 13, 1985

DATE



