

# DEPARTMENT OF MINES

OIL AND GAS DIVISION

# NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines,	
Charleston, W. Va.	
	United Fuel Gas Co.
COAL OPERATOR OR COAL OWNER	c/o G. H. Moore
	P. O. Box 1273, Charleston 25, W. Va.
ADDRESS	COMPLETE ADDRESS
	March 23, 1949
COAL OPERATOR OR COAL OWNER	
	PROPOSED LOCATION
ADDRESS	District
	Warma
The Central Trust Co.	Wayne County
Trust Dept.	Well No. 6538 81. ZO
c/o William E. Anderson, V.P. & Trust	Well 110.
Cincinnati, Ohio Officer GENTLEMEN:	The Central Trust Co. Farm
The undersigned well operator is entitled to de	rill upon the above named farm or tract of land for
oil and gas, having fee title thereto, (or as the case r	
, mudo b	y The Central Trust Co. , to
	and recorded on the 30th day
of April, 1930 ,in	the office of the County Clerk for said County in
Book 15 , page 81	
and County above named, determined by survey and cland marks.	courses and distances from two permanent points, or
The undersigned well operator is informed and of coal beneath said farm or tract of land on which sa aries of the same, who have mapped their workings a coal operators or coal owners (if any) above named as	and filed their maps as required by law, excepting the
	if any) are notified that any objections they may are required to make by Section 3 of said Code, if see a dangerous condition in or about their respective ment of Mines within ten* days from the receipt of the department. Said coal operators are further notified furnished to them by the Department of Mines promptly as definitely as is reasonably possible the ground or
(The next paragraph is to be completed only	in Department's copy.)
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 shor on the same day with the mailing or delivery of twest Virginia.	nown respective addressday before, this copy to the Department of Mines at Charleston,
	uly yours,
000282120	United Fuel Gas Co.
600000000000000000000000000000000000000	WELL OPERATOR
MAD: 88	c/o G. H. Moore
Address Address	STREET
Address of Well Operator	P.O. Box 1273, Charleston 1250/2023
10 N	CITY OR TOWN
Selve - CAD	West Virginia
*Section 3 Appro such objections be filed or be f	cound by the department of mines, within said period of
ten days from the receipt of said notice and plat by the dependent shall forthwith issue to the well operator a drilling pendeve been made by the coal operators to the location, or approved and the well operator authorized to proceed to drive the coal operator authorized the coal operator authorized the coal operator authorized the coa	ermit reciting the filing of such plat, that no objections

JARRETT PRINTING COMPANY, CHARLESTON, W. VA.

WAY-670

PERMIT NUMBER

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
brown Okel			3905	5, 50	Person (Leneur)		on non-
Prove over			27.50	530	OPEN FLOW -	73 M - Shale	
tronn shift ii st shele			24,25	9769	48 Hr. R.P.	307#	
Blanc & phe			1850	· 2455 #	950	1222	
Red Englas a	CTR*		TANK TANK	7000	Shut in 7-7	-49 in 6-5/8	I Casing
. Wite Dime			1269	1102	(300)	THEO,	DAKOM
Diane			0 100 m	TORO			
Ned Rock			11/07 11/62	7/AC /			
Diane Lee augai			3770	Title 5	~6b30		
place			7700	andan			
olabe in			7390 7580	2003			
project dond			TEGO		ingle of		
olette			1070	TETO	12.3	1315-1325 2055-13160	p on
pende			20 100	1010			
sprage cope			4 100	700 725	Ty Year		
OFFE			nide.	15 300			
ptus ptus			300	0,14			
" plate			190	200 200			
Don't				70 <u>}</u> 50			
1-23-21-0	A. San	37716-03	3.76	\$0.00 AG	OR APPAR		
white II:	- ijin	Time 1	VALUE OF THE PARTY	-trus			
			position as next		E 7 T BASH	120	
The Residence	507	78	100			14.5	
72.11	· purgo			TONE TO			
77.33. 5. 77.33.	1/24 cel.	" Sn					
The state of the s	\$6 LAN	\$505	Dred	11700721904			
Philipsen onliness	(-13+1 (-13+16+	e la					
The Ventral	Inglado.	T* A MEG STORY	nei, tráo	# <b>#</b> 1			
				Q C	TCOC **	TOOPT	,
050 111	recija	Charles of the Man	Naje -		- 新	- ioi	
6536	TEP * DIE *	or there or	1140,14			and the second	
The d	Guarol Tra	of hill Cr.	C05844				
Company F. O.	United The Bow 1273,	Charleston	25, 4, 46,	· Pallage and	138 (40 ) (200 ) 40	2002230 2002230	
Totali No. WAS						11/1	0/2023
	, tub		MELT	SECONS		.23	
particular property of					Date	July 21,	, 19 49

APPROVED United Fiel Gas Co., Ow

By Chief Engineer (Title)

MATHEWS PRINTING AND LITHOGRAPHING CO



# DEPARTMENT OF MINES

OIL AND GAS DIVISION

# WELL RECORD

naugatuck

Permit No. WAY	-670		WELL!	RECORD		Oil or Gas Well Gas		
CompanyAddress_P.O.			25. W. Va.	Casing and Tubing	Used in Drilling	Left in Well	Pe	ackers
Location (waters) Well No. 6538	Rt. Fk.		Elev. 1140,44	Size 16			Kind of Pa	acker
	act is owned in	fee by		10	531	531	Size of	
Mineral rights are	e owned by	E. Vance Cla		6% 5 3/16	1606	1606	Depth set	
Drilling commence Drilling complete	ed 5-16-	-49 +9		2			Perf. bott	om
Date Shot 7-6- With 5333-	-49 From -1/3# Gel.	<b>2</b> 505 To	3287					om
	/10ths Merc.	in	Inch Inch Cu. Ft.	CASING CEMI	ENTED	SIZE	_No. Ft	Date
Rock Pressure	307	lbs. 48	hrs. _bbls., 1st 24 hrs.	COAL WAS E	NCOUNTERED			inches
			feetfeet		rINCE			
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found		Remarks
Soil Sand Slate			0 20 105 190	20 105 190 300				

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	20			
Sand			20	105		1	
Slate			105	190			
Sand			190	300			
Broken Sand			300	445			
Coal	V		445	448			
Slate			448	550			
Slate & Shel	ls		550	675	(		
Slate			675	700			
Sand			700	725			
Slate			725	1020	(		
Sand			1020	1090		777 7705	C1
Slate			1090	1110	Gas	1115-1125	Show
Sand			1110	1230	Water	1155-1180	Water
Broken Sand	· ·		1230	1290			
Slate			1290	1358			
Lime			1358	1363		6919999	
Slate	· V		1363	1400		COULIELES ZA	
Red Rock	1		1400	1409	A A	DI A	(3)
Slate			1409	1440	(\$60)	JUL 1949	
Red Rock			1440	1465	10	WEST VINESA	200
Slate		And the second	1465	1481	艺	DEBLOTHERET OF MAN	93
Red Rock			1481	1496 1538	02	Offi Americanes or	8
Slate			1496 1538	1580	18	1	3
Maxon Sand	1		1580	1599	Gas	21658! - 49	Show
Little Lime			1599	1795	Vas	108733A	Ditt.
White Lime	1		1795	1812	0000 /	18 14 1-2/8	OFFICE .
Keener Sand Red Injun S			1812	1850			
Slate & She	hig		1850	2347	Gas \	23551	Show
Berea Grit	IIS		2347	2455		1 11/10	0/2023 Show
Brown Shale			2455	2545	Gas .	2506	
Light Shale			2545	2780	Gas	2985/	Show
Brown Shale		*	2780	2900	2 0 0	TO TO W	Au 75 M
Light Shale			2900	2965	Test before	shot 2/10 W	/3# Gel. 2505-
Brown Shale			2965	3280	Shot 7-0-47	וא-ככככ וחשובש	3# Gel. 2505-
White Slate			3280	3292	m -+ 17 Ume	let a chot	3/10 W 2" 73
ALL AND ADDRESS		Svill -	200	constants.		BIGE SHOO	2/10 11 2 12
Total Depth	1			3292 D	epthometer	120000	

# UNITED FUEL GAS COMPANY

COMPANY

SERIAL WELL NO. 6538		LEASE NO	0.31896			MAP SQUARE 20-29
	on the		CASING ANI	D TUBING		TEST BEFORE SHOT
Central Tr. Co. #20 farm of	Acres	SIZE	WEIGHT	USED IN	LEPT IN	2 /10 of Water in1
in Lincoln	District	100	32.75#	531 1 6W	5311611	/10 of Merc, in
Wayne	County	6-5/8W	20#		1623+6#	Volume 14.90 MCF
State of: West Virginia						TEST AFTER SHOT
Field: Branchland						3 /10 of Water in 2
Rig Commenced May 12	1949					/10 of Merc, in
Rig Completed May 14	1949					Volume73 MCF
Drilling Commenced Tay 16	1949					48 Hours Afte
Drilling Completed July 2	1949					Rock Pressure 307
Drilling to cost \$2.75	per foot					Date Shot July 6, 19
Contractor is: WARE DRILLI						Size of Torpedo 5333-1/3
Address: Beauty, Ken				SHUT IN		Oil Flowed bbls. 1st
			Date	July	7. 1949	Oil Pumpedbbls. 1st
Driller's Name Ed Wooten			6-5/8min.		Casing	- On a uniped
Earl Cassid	v			cker 6-5/8		Well abandoned and
Post a constant				acker Botte		Plugged1
				Set		- iuggett
Elevation: 1140.44				Set		
		DRIL	LER'S RECORD			
FORMATION	TOP	воттом	THICKNESS			REMARKS
Soil	0	20	20	1		nawnine .
Sand	20	105	85			
Slate	105	190	95			
Sand	190	300	110		***************************************	
Broken Sand	300	445	145			
Coal	445	448	3			
Slate	448	550	102			
Slate & Shells	550	675	125		***************************************	
Slate	675	700	25			
Sand	700	725	25			
Slate	725	1020	295			
Sand	1020	1090	70			
Slate	1090	1110	20			
Sand	1110	1230	120		LADDUC	17.6°11
Broken Sand	1230	1290	60		The same of the sa	(4)
Slate	1290	1358	68		1 SE	Lipson
Time (1)	1758	1767	F		(1) 11. Zinninin (40 m 2000)	

SERIAL WELL NO. 6538

		DRILL	ER'S RECORD				
FORMATION	ТОР	воттом	THICKNESS	REMARKS			
Slate	1363	1400	37	Show of gas at 1115 to 1125			
Red Rock	11,000	1409	9	Water at 1155 to 1180*			
Slate	1409-	1440	31	Reduced Hole at 1360*			
Red Rock	1440	1465	25	6-5/8" Casing Set at 1606"			
Slate	1465	1481	16				
Red Rock	1481	1496	15				
Slate	1496	1538	42				
Maxon Sand	1538	1580	42	•			
Little Lime	1580	1599	19				
White Lime	1599	1795	196	Show of gas at 1658			
Keener Sand	1795	1812	17				
Red Injun Sand	1812	1850	38				
Slate & Shells	1850	2347	497				
Berea Grit	2347	2455	108	Show of gas at 2355			
Brown Shale	2455	2545	90	Show of gas at 2506			
Light Shale	2545	2780	235				
Brown Shale	2780	2900	120				
Light Shale	2900	2965	65				
Brown Shale	2965	3280	315	Show of gas at 2985			
White Slate	3280	3292	12				
Total Depth	3292			When drilling completed 2/10 W-1			
				50 of cavings in hole after shot			
				RECEIVED			
		-		JUL 15 1949			
				DIVIGION SUPT.			
- Paris							
				APPROVED			
				Wedikson			
			·	1 (set an annual to the foundation of the set of the se			

Devonian Shale - 2455 to 3292'
Total Shale - 837'

no sand logged no electric log Mary J. Friend Leologist

10	TC 74	1049	HAY I	
		0.5	37.74	
		20	180	
		2315	5.7%	
		7. N		
	1.	12.5		38
		4		00
	18			
	1000		200	

FORM U 127-8 C 6 D

		arania de la la marque arania de la la la la compania de la compania de la compania de la compania de la compa	9 12
Mr. J. R. Hus	sey, Div. Supt.		
Well No. 6538 (	Serial No. on cent	ral Trust co. #20	Farm
Was shot this date wit	h 5333-1/3# pu P	ont Gelatin	quarts
Number of Shells	85 Shells		
Length of Shells	4-1/4« x 10%		-
Top of Shot	25051		
Bottom of Shot	32871		
Top of	Brown Shale (Name of Sand)	Sand2505	feet
Bottom of		Sand 3287	feet
Total Depth of Well	32921		
Results:	hefore shot 2/1 After shot 3/10	P W-1" (14.90 McF) W-2" (73 MCF)	
Remarks:	5° of cavings i	n hole.	anta alikuwa nyaét si nasaaninan pagadan
		Will a to the second	1
Signe	of alies		

NOTE-When a well is shot this form must be filled out and sent to the General Superintendent.





## U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission Washington, D.C. 20426

# APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

#### PLEASE READ BEFORE COMPLETING THIS FORM:

#### General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

# Specific Instructions for Item 2.0, Type of Determination:

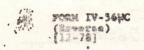
Section of NGPA	Category Code	Description
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108		Stripper well

# Other Purchasers/Contracts: Purchaser **Buyer** Code Contract Date (Mo. Day Yr.) Remarks: MAY 1.31982

FT7900806/1-2

1.0 API well number. (If not assigned, leave blank 14 digits.)	- 47 - 099 - 00670					
Type of determination being sought     (Use the codes found on the front of this form.)	Section o	08	Category Code			
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above )		NIA	feet	2018		
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Name	bia Gas Trai Box 1273 eston		orporation  WV 25325  State Zip Code	004030 Seller Code	
5 0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Field Nan	me Wf	ald Area	W. VA	).	
(b) For OCS wells	Area Name  Block Number  Date of Lease  Mo. Day Yr. OCS Lease Number					
(c) Name and identification number of this wel! (35 letters and digits maximum.)	Cantral Trust Co# 20 806538					
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	NIA					
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	* 004030 Name Buver Code					
(b) Date of the contract			Mo. Day	* Yr.		
(c) Estimated total annual production from the well				3 Million Cu	ibic Feet	
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	\$/MMBTU					
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S'MMBTU	3.314				
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency.  MAY 1 3 1982  Date Received by FERC	Albert H. Mathena, Jr., Director, Production Eng.  Name Title  Cultut H. Mathena Signature  5-6-82  Calcut H. Mathena (304) 346-0951  Date Application is Completed  Phone Number					

PARTICIPANTS:	DATE:	NOV 231982		BUYER-SELLER COD
	bia Ga	Trans. Cor	B	004030
FIRST PURCHASER:	*			*
OTHER:				- :
W. Va. Department of Mines, Oil & C WELL DETERMINATION FILE NUM		OLIVITED	,	
820513-108099=0	670	QUALIFIED		
Use Above File Number on all Comm				
Relating to Determination of this	Well			
CHECK EACH ITE	M AS COMPLET	E OR NOTE WHAT IS MIS	SING	
ITEM NO.				
1. FERC -121	_ Items not	completed - Line No.	All 7.0,	8.0 b,c,d
2. IV-1 Agent	James	L. Weekley		
3. IV-2 Well Permit				
4. IV-6 Well Plat				
5. IV-35 Well Record /				
6. IV-36 Gas-Oil Test: G	as Only	Was Oil Produ	iced?	Ratio
7. IV-39 Annual Production	n42 Mon	ths years		
8. IV-40 90 day Production	9	Days off 1	ine:	
9. IV-48 Application for o				
10-17. IV Form 51 - 52 - 53 -	54 - 55 - 56	- 57 - 58 Complete?		Affidavit Signed /
18-28. Other: Survey	Logs	Geological	Charts	
Structure Ma Gas Analyses	ip	1: 4000 Map	Well	Tabulations
(5) Date commenced: 5 - /			-49 Dee	pened
(5) Production Depth:				
(5) Production Formation:		/.		
(5) Final Open Flow:				
(5) After Frac. R. P.				
(6) Other Cas Tost.				
(7) Avg. Daily Gas from Ann	ual Production	3 537 on: 366= 9.7 MCF		
(8) Avg. Daily Gas from 90-	day ending w	188 /1-120 days 91= 8.	7 M C E	
(8) Line Pressure:	N	'A		PSIG from Daily Bone
(5) Oil Production:	From	Completion Report		TOTO TIOM DATTY KEPO
0-17. Does lease inventory inc				
0-17. Is affidavit signed?	/	Notarized?	/	
oes official well record with t	he Departmen	nt confirm the submitt	ed informa	11/10/2023
dditional information	Does	Computer program conf	irm?	70
as Determination Objected to				
				7-3



Describe the search made of any records listed above:

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No . If yes, indicate the type and source of the information.

# AFFIDAVIT

I Albert H. Mathena, Jr. having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

allest of mathemal

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

Date	. 19	
Operator's Well No.	806538	
API Well No. 47 State	099 -00	670

WELL CLASSIFICATION FORM

STRIPPER CAS WELL MGPA Section 108

	ADDRESS P. O. Box 1273 Charleston, WV 25325
WELL OPERATOR Columbia Gas Trans. Corp.  ADDRESS P. O. Box 1273  Charleston, WV 25325	Watershed
GAS PURCHASER NA ADDRESS	Gas Purchase Contract No. NA  Meter Chart Code 802622  Date of Contract NA

This is a pipeline production well and no gas purchase contract exists.

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

NOT REQUIRED PER FERC REGULATIONS

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, 860 Tax Records and royalty payment records) and indicate the location of such records:

SEE ATTACHED PRODUCTION SHEETS

DEPARTMENT OF MINES, OIL AND GAS DIVISION

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Columbia	Gas Trans Co	orp.	DESIGNATED AGENT	James L. W	leekley	
ADDRESS P. O. BOX			ADDRESS	P. O. Box	1273	
Charlesto	on. W. Va. 253	325		Charlestor		25325
Gas Purchase Contract No.	NA*		Month, day an	d year)		
Meter Chart Code	229208		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- ,,		
lame of First Purchaser	NA*					
	(5	Street or F	. O. Box)			
	(City)	(Sta	ice)	(Zip Code)		
FERC Seller Code	NA*		FERC Buyer Code	NA*		
YPE OF DETERMINATION BE	ING SOUGHT		100	-		
(1) Initial determin (2) Determination th					orv Code	
recovery technol		660 and)	1	Pro	duction F	ingineeri
(3) Determination of	a seasonally a	riected we		ena,Jr.,Directo		ing meet t
*This well is a pi and no gas purcha			Called 4. M.		Title	
and no gas parent	se contract e		Signature			
			P 0 Box 1273 Street or P. O. Bo	°×		
			Charleston, W.	Va. 25325 State (Zip Code)		
			304) 346-095] Area Phone	Number		
Certificate of Proof of	Service to Purch	haser)				
				,		
A copy of this from owner and operate	iling is being or of the ider	g retaine ntified w	d by Columbia G ell.	ias Transmission	Corpora	tion,
All of the above to be	completed by the	Operator/	Applicant)			
To be completed by Juri burchaser, if known).	sdictional Agenc	y. Execut	ed copy to be retur	rned to Operator/Ap	oplicant ar	nd
The Department of the requirement of the requiremen	irements of Sect	ion creased pr	under the	certification of t e Natural Gas Polic sult of enhanced re y affected well und	cy Act of Secovery tec	chrolis
All interested the office of the Oil and be heard there will be a	parties are her d Gas Division i public hearing,	eby notifi n Charlest if reques	ed that on the on, West Virginia, ted, or if objection	day of or as soon therea: on is filed.	ter as ::	. ar
This Applicari	on is assigned F	ile No				
Initial review entitled to certification and any additional evide as the matter may be hea	n as claimed und nce will be made	er the Nat	indicates the well ural Gas Policy Ac me appointed for a	r (NGPA). A review	v of this c as scon th	er. Tenck Teresitur
Unless objecticays, a hearing will not go to determination.	ons are timely f be held except	iled or a on ex part	request for a hear e motion of the de	ing is made within partment and the m	fifteen atter will	

WEST VIRGINIA DEPARTMENT OF MINES

MAY 1 3 1982
Date received by
Jurisdictional Agency

# U.S. DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission Washington, D.C. 20426

# APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

(Sections 102, 103, 107 and 108)

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103	-	New onshore production well
107	_	High cost natural gas
108	-	Stripper well

Mo. Day Yr.)	Purchaser	Buyer Code
The second second		

1.0 API well number: (If not assigned, leave blank: 14 digits.)	47-0	99-0067	ro	50000	
Type of determination being sought (Use the codes found on the front of this form.)	Section o	7 DV	Category Code	56	Constitution of the state of th
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	10 0 0 0 11 2 2 5	3292	_feet	JUN 1 0	1982
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Name	Box 1273 eston	38.75.55.75.75	WV 25325 State Zip Code	VSelle VCook
5.0 Location of this well. [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Nam Way County	Field Area	B	WV State	
(b) For OCS wells	Area Nam	Date of Lea	<b>BS</b> E	Block Number	
(c) Name and identification number of this wel! (35 letters and digits maximum.)	Central Trust Co. 20 806538				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)		NA			
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	* 004030  Name Buyer Code			004030 Buyer Code	
(b) Date of the contract:	Mo. Day Yr.				
(c) Estimated total annual production from the well	3 Million Cubic Feet				
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	S/MMBTU				
8.0 Maximum lawfu! rate (As of filing date. Complete to 3 decimal places.)	S'MMBTU	Dexeg			
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  Date Received by FERC	Name Signature	H. Mathena  H. Mat	ithenw (3	ector, Productive Title  O4) 346-0951  Phone Number	tion Eng.

DEPARTMENT OF MINES OIL AND GAS DIVISION

Date 5-27-82

Operator's Well No. <u>806538</u>

API Well No.

47 - 099 - 00670 State County Permit

# WELL CLASSIFICATION FORM HIGH COST GAS WELL - DEVONIAN SHALE NGPA Section 107

	DESIGNATED AGENT James L. Weekley
	ADDRESS P. O. Box 1273
	Charleston, WV 25325
	LOCATION Elevation //40.44'
WELL OPERATOR Columbia Gas Trans. Corp.	Watershed
ADDRESS P. O. Box 1273	Dist. Lincoln County Wayne Quad.
Charleston, WV 25325	Gas Purchase
GAS PURCHASER N.A.	Contract No. N.A.
ADDRESS	Meter Chart Code
	Date of Contract N.A.
This is a pipeline production well and no ga	as purchase contract exists.
Date surface drilling began: 5-16-1	949
Indicate the bottom hole pressure of the w	
·o. /	
See Supplement	
AFF	IDAVIT
described in subparagraph (3)(i) or (3)(ii report described in subparagraph (3)(ii)(B of potentially disqualifying non-shale for percent of the gross Devonian age interval	e of the producing interval which is not index of less than 0.7 if a Gamma Ray log )(A) has been filed, or as indicated by the ); I have demonstrated that the percentage tage is equal to or less than five (5); and I have no knowledge of any information inconsistent with a conclusion that the well
STATE OF WEST VIRGINIA	
COUNTY OF KANAWHA , TO-WIT:	
I, Larry G. Burdette , a Notary	Public in and for the state and county
aforesaid, do certify that Albert H. Mathe	ma, Jr. , whose name is signed to
the writing above, bearing date the 27 acknowledged the same before me, in my cou	enty aforesaid/
Given under my hand and official seal this	27 day of // Cay 1,1/110/2023.
My term of office expires on the 13 day	
	Larry & Burditte
(NOTARIAL SEAL)	Notary Public

JUN 1 0 1982

Date received by Jurisdictional Agency

#### STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

STATE APPLICATION FOR WELL CLASSIFICATION

Date 3-27 , 19 82	Date	5-27	19 82
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Operator's	
Operator's	806538

Previous File No. (If Applicable)

WELL OPERATOR Columbia Gas Tra	. Corp. DESIGNATED AGENT James L. Weekley
ADDRESS P. 0. Box 1273	ADDRESS P. O. Box 1273
Charleston, WV	325 Charleston, WV 25325
Gas Purchase Contract No. NA*	and Date
Meter Chart Code	(Month, day and year)
Name of First Purchaser NA*	
**************************************	(Street or P. O. Box)
(Clty)	(State) (Zip Code)
FERC Seller Code NA*	FERC Buyer Code NA*
TYPE OF DETERMINATION BEING SOUGHT:	10701
(1) Initial determination (See (2) Determination that increase recovery technology.	ERC Form 121.) Section of NGPA Category Code production is the result of enhanced
(3) Determination of a seasona	
	Albert H. Mathena, Jr. Production Engineering
*This well is a pipeline prod	ction What Id. Mathena &
and no gas purchase contrac	
	Charleston WV 25325
	304) 346-0951
	Area Phone Number
(Certificate of Proof of Service to	
A copy of this filing is being owner and operator of the ide	retained by Columbia Gas Transmission Corporation, tified well.
(All of the above to be completed by	he Operator/Applicant)
(To be completed by Jurisdictional apurchaser, if known).	ency. Executed copy to be returned to Operator/Applicant and
well as meeting the requirements of (NGPA):i or for determination the	has received a request, for certification of the above described ection under the Natural Gas Policy Act of 1978, increased production is the result of enhanced recovery technology or determination of a seasonally affected well under Section 108 of (NGP:
All interested parties are the office of the Oil and Gas Divisi be heard, there will be a public hear	dereby notified that on the day of , 19 , at in Charleston, West Virginia, or as soon thereafter as it may ag, if requested, or if objection is filed.
This Application is assign	File No
entitled to certification as claimed	on submitted indicates the well is. is not under the Natural Gas Policy Act (NGPA). A review of this evidence de at the time appointed for a public hearing or as soon thereafter
Unless objections are time days, a hearing will not be held except to determination.	filed or a request for a hearing is made within fifteen (15) or on ex parte motion of the department and the matter will
	WEST VIRGINIA DEPARTMENT OF MINES

The Carlotte



# State of West Virginia

Department of Mines Oil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR THEODORE M. STREIT ADMINISTRATOR

OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE APPLICATIONS OF COLUMBIA GAS TRANSMISSION CORPORATION REQUESTING CLASSI-FICATION UNDER SECTION 107 OF THE NATURAL GAS POLICY ACT OF CERTAIN WELLS IN BOONE, CABELL, JACKSON, KANAWHA, LINCOLN, LOGAN, MINGO AND WAYNE COUNTIES, WEST VIRGINIA.

CAUSE NO. 33

ORDER NO. 1

### REPORT OF THE OFFICE

This cause came before the Administrator of the Office of Oil and Gas on June 28, 1982, at 1:00 p.m., in Conference Room C, Capitol Conference Center, Charleston, West Virginia, after giving notice of hearing as required by law on the applications of Columbia Gas Transmission Corporation for certification of certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties as Devonian Shale wells under Section 107(c)(4) of the Natural Gas Policy Act.

# FINDINGS OF FACT

- 1. Applicant is an operator within the meaning of paragraph (w) of Chapter 22-4-1.
  - 2. Applicant has made filings for certification pursuant to Rule 34.04.
- 3. The Natural Gas Policy Act (NGPA) in Section 107, Ceiling Price For High-Cost Natural Gas--(c) Definition of High-Cost Natural Gas-- "For purposes of this section, the term "high-cost natural gas" means natural gas determined in accordance with Section 503 to be...(4) produced from Devonian Shale."
- 4. The Federal Energy Regulatory Commission (FERC) by Rule 272.101-(c) prescribes the method by which the jurisdictional agency may determine gas produced from Devonian Shale.
- 5. Exhibits refer to evidence gathered at a public hearing held June 28, 1982.

- 6. Exhibits No. 2 and 3 lists the wells to be under consideration for Section 107 pricing. All these wells are located on Exhibits No. 4 and 5 and have been completed in the Devonian Shale.
- 7. Applicant, by letter dated June 25, 1982 (Exhibit No. 3) requested that eight (8) of the wells listed on Attachment A be stricken from the docket for hearing and they have been withdrawn.
- 8. Exhibit No. 6 shows random sampling of already qualified Devonian Shale wells.
- 9. Various cross-sections throughout the interval show gamma ray logs of the wells (see Exhibits Nos. 7, 8 and 9).
- 10. No well has any non-shale greater than 5% in the Devonian interval penetrated.
- ll. No gamma ray logs are available on these wells since they were all drilled before logging was common in West Virginia.

#### CONCLUSION OF LAW

- l. That due notice of the time, place and purpose of the hearing has been given in all respects as required by law.
- 2. That pursuant to Chapter 22, Article 4, Code of West Virginia of 1931, as amended, the Office has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

#### ORDER

NOW, therefore, based on the aforementioned Findings of Fact and Conclusion of Law, it is found by the Administrator that Columbia Gas Transmission Corporation's applications for classification under Section 107 of the Natural Gas Policy Act for certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties, identified in Attachment A, are approved.

The Office of Oil and Gas further incorporates the Report of the Office and Findings of Fact and Conclusion of Law dated June 28, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

Entered this 12th day of July, 1983.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

Theodore M. Streit, Administrator

REPORT DATE 02/24/82 REPORT TIME 17:22:45

COLUMBIA GAS TRANSMISSION CORPORATION
N.G.P.A. SECTION 108
LIST OF WELLS FOR MEASURING STATION NUMBER 802622

IN ACCORDANCE WITH SECTION 271.804(B), THE FOLLOWING IS A LIST OF ALL WELLS ASSOCIATED WITH THIS MEASURING STATION. THESE ARE USED IN DETERMINING WELL CLASSIFICATIONS UNDER PART 271 SUBPART H.

PRODUCING UNITS

806538

API NUMBERS

41-099-00610

PAGE 2397 API WELL NO. 47-099-00670	CO 20		
	TRUST	COUNT	1.0000
ATION	CENTRAL 31896 WV	LINE PRSS PSIA	822 823 831 831 831 831 831
CORPO 108 SIFIC ME:	NAME:	MCF/DAY -100- PERCENT	00000000000000000000000000000000000000
TRANSMISSION P.A. SECTION FOR WELL CLAS	FARM LEASE STATE	DAYS ON LINE	288 331 331 331 331 331 331 331 331 331 3
GAS N.G	806538 802622	VOLUME -100- PERCENT	275 261 261 261 265 277 287 287 287 287 287 287 287 287 287
COLUMBIA	R :	THREE MONTH MCF/DAY	0.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.
	WELL NUMBER : MEASURING STATION:	DATE MM/YY	10/78 11/78 12/78 12/79 3/79 4/79 6/79 6/79 8/79 10/79

20 00

REPORT DATE 02/23/82 REPORT TIME 16:51:55

(

DAYS ON LINE MEASURING STATION:

VOLUME -100-PERCENT

LINE PRSS PSIA

MCF/DAY -100-PERCENT

THREE MONTH MCF/DAY

111/79 12/79 11/80 2/80 5/80 6/80 11/80 11/80 12/81 5/81 6/81 6/81 6/81 10/81 10/81

322 272 320 320 265 209 99.99 88.88 88.88 111.40 110.00 110.98 110.98 110.99 110.99

1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 2559 2559 3560 3560 3560 2550 275

COLUMBIA GAS TRANSMISSION CORPORATION N.G.P.A. SECTION 108 APPLICATION FOR WELL CLASSIFICATION

FARM NAME: CENTRAL TRUST CO 20 LEASE : 31896 STATE : WV

WELL NUMBER : 806538 MEASURING STATION: 802622

WELL

VOLUME DAYS MCF/DAY LINE -100- ON -100- PRSS PERCENT LINE PERCENT PSIA

THREE MONTH MCF/DAY

DATE

1.000

142000

88.8

1/82 2/82 3/82

REPORT DATE 04/14/82 REPORT TIME 16:08:04

11/10/2023

1

1'

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 806538 SUPPLEMENT: METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

PBH = PWH + PWH ( E\*\*0.0000347\*G\*L - 1.)

WHERE:

PBH = BOTTOM HOLE PRESSURE (PSIA)

PWH = WELLHEAD PRESSURE (PSIA)

G = SPECIFIC GRAVITY OF GAS

= 321.7 = 0.7170 L = DEPTH TO MIDDLE OF PERFORATIONS (FT.) = 2896

STEPS:

PBH = 321.7 + 321.7 (E\*\*0.0000347\*2076.432 -1.)

PBH = 321.7 + 321.7 (E\*\*0.072052 -1.)
PBH = 321.7 + 321.7 (1.07471 -1.)

PBH = 321.7 + 321.7 ( 0.075)

PBH = 321.7 + 24.0

PBH = 345.7 (PSIA)