FILE COPY



Date: 4-10	, 19 <sup>84</sup>
Operator's	

County

Well No. 20407

3) API Well No. 47 -

2228-RED-FRA Permit

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

Production 4½ K 10.5 X 2015 2015 To surface Depths set    Depth   Dept					APP	LICATIO	ON FOR A WE	LL WORK PERMI	<u>'T</u>	
B (If "Cas" Production   Underground storage   Deep   Shallow   X      DOCATION: Elevation: 1092.4.3   Watershed: Summers Fork	A) WELLTY	DE: A O	i X	Jack G	e i Filit	OT	MA RIY RMO	erinum nu	A PROTECTION	ON THE GOOD
Summers Fork District: Henry District: Henry County: Clay Address P. O. Box 1273 Address P.	4) WELL II									하는 것이 아무슨 아이들은 사람들이 아무리를 하는 것이 없는데 그 것이 없는데 없다.
Ditrict: Henry County: Clay Quadrange: Newton County: Clay Quadrange: Newton County: Charleston, W 25325  Name Craig Duckworth  Address Box 107, Davisson Rt.  Gassaway, W 26624  Proposed Well Work: Drill Drill deeper Redrill X Stimulate Address Box 107, Davisson Rt.  Gassaway, W 26624  Proposed Well Work: Drill Drill deeper Redrill X Stimulate Address County Drill County State (pecify)  Defined the Address Box 107, Davisson Rt.  Gassaway, W 26624  Drill GeoloGical Target Formation Other physical change in well (specify)  Dill Sedmated depth of completed well, 13 purposition and the proposition of the Address Proposition of the Proposition of the Address Proposition of the Address Proposition of the Proposition of the Address Proposition of the Address Proposition of the Proposition of the Address Proposition of the Address Proposition of the Address Proposition of the Addr	5) I OCATIO		vation:	1092.4	3		Watershed:	Summers Fo	rk Beep	
6) WELL OPERATOR CO-lumbia Gas Transmission Corp.  Address P. O. Box 1273 Address P. O. Box 1273 Charleston, WV 25325  5) Oll & GAS INSPECTOR TO BE NOTIFIED Name Craig Duckworth Address Box 107, Davisson Rt. Gassaway, WV 26624  (6) PROPOSED WELL WORK: Drill Dorill Deeper Redrill X Stimulate Address Plag off old formation Perforate new formation.  Oll & GAS DIVISION  Oll & GAS DIVISION  Oll & GAS DIVISION  Oll & GAS DIVISION  Feet Salt.  So Cashing And Tulbino PROFORMATION.  Tanguage and the area? Yes.  So Cashing And Tulbino PROFORMA  Cashic Org.  Security Proformate coal seam depths:  So Cashing And Tulbino PROFORMA  Cashic Org.  Security Proformatic Coal seam depths:  So Cashing And Tulbino PROFORMA  Cashic Org.  Security Proformatic Coal seam depths:  Coad-  Turbing Type  Trans water  Coad-  Coad-  OFFICE USE ONLY  DOFFICE of Oil and Gas Inspector? Administrator, Office of Oil and Gas Inspector Administ	3) LOCATIO									Newton
Address P. O. Box 1273 Charleston, W 25325  8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Craig Duckworth Address BOX 107) Davisson Rt. Gassaway, W 26624 Address Gassaway, W 26624  (I) PROPOSED WELL WORK: Drill Plug off old formation Other physical change in well (specify) Dill deeper Redrill X Stimulate Perforate new formation Other physical change in well (specify) Other physical change in well (specify) Other physical change in well (specify) Dill GEOLOGICAL TARGET FORMATION, 13 ct. Dill Approximate total depths: Fresh, feet; salt, feet, sa	6) WELLOR	EDATOD (	Columb	ia Gas	Trans	smissi	on Corp.	7) DESIGNATE	ED AGENT J. L	. Weeklev
Charleston, WV 25325  OIL & GAS INSPECTOR TO BE NOTIFIED  Name Craig Duckworth  Address BOX 107, Davison Rt. GASSABWY, WV 26624  PROPOSED WELL WORK: Drill D			P. 0	. Box	1273					
SO OIL & GAS INSPECTOR TO BE NOTIFIED  Name  Craig Duckworth  Address  BOX 107, Davisson Rt.  Gassaway, WV 26624  (I) PROPOSED WELL WORK: Drill  Plug off old formation  Other physical change in well (specify)  Injun  OIL & GAS DIVISIO  Injun  OIL & GAS	Addres					25		Address		
Name Craig Duckworth Address Box 107, Davisson Rt. Gassaway, WV 26624  Drill deeper Redrill X Stimulate Other physical change in well (specify)  Other physical	8) OH 8 C	The second second				and the		0) DRILLING		
Address Box 107, Davisson Rt.  Gassaway, WV 26624  DPROPOSED WELL WORK: Drill Drill deeper Redrill X Stimulate Plus off old formation. Perforate new formation.  Plus off old formation. Perforate new formation.  Declocal CAL TARGET FORMATION, Tajun Other physical change in well (specify)  DESTIMATION TO STATE THE PROPERTY OF MINING PROGRAM  CASHG ORD TUBING PROGRAM  CASHG ORD TUBING PROGRAM  CASHG ORD TUBING PROGRAM  CASHG ORD TUBING PROGRAM  CASHG ORD Weeks New Used Prodefilling Left in well Conductor Research of the Production Research Research of the Production Research					TLD					
Gassaway, WV 26624  PROPOSED WELL WORK: Drill Brother Drill Brother Drill Dril		D			on Rt.		- A		5	STOCKETT VIET
PROPOSED WELL WORK: Drill Plug off old formation Perforate new formation APR 17 1984  Plug off old formation Well (specify)  10) GEOLOGICAL TARGET FORMATION, Injun  OIL & GAS DIVISION  12) Estimated depth of completed well, 2015  feet, 13) Approximate trata depths: Fresh, feet; salt, feet, 14) Approximate trata depths: Fresh, feet; salt, feet, 14) Approximate trata depths: Fresh, feet; salt, feet, 15) CASINO AND TUBING PROGRAM  CONSINO AND TUBING PROGRAM  TUBING TYPE, Size Grade Weight New Used For drilling Left is well Condition Type For drilling Left is well Condition Reproduction For drilling Left is well Condition Reproduction For drilling Left is well Reproduction For drilling For	Addres	-						Addiess		COULT OF
Plug off old formation Perforate new formation On APR 1 1934  Other physical change in well (specify)  Other physical change in				U Walling Co.		D-111	,	/ Padaill X	/ Gri - 1-1-	
Other physical change in well (specify)  Tailung  The permit over in the area? Yes  Other physical change in well (specify)  Other physical change in well (specify)  To surface physical change in well (specify)  Other physical change in well (specify)  Other physical change in well salt, in set of the proper in the permit over ing the well operator and well location shown below is evidence of permission granted to drill in accordance in paper to the District Oil and Gas in spector, (Refer to to, 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator on his contractor shall notify the proper istrict oil and gas inspector 24 hours before actual permitted work has commenced.)  Other permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.  May 3, 1986  Plat: Casing Fee  Other physical change in well operator on the change of the permitted work is commenced prior to that date and prosecuted with due diligence.  Page 11	10) PROPOSI	ED WELL	WORK:							APR 1 7 1984
12) Estimated depth of completed well, 13) Approximate trata depths: Fresh,										ALKI
12) Estimated depth of completed well, 13) Approximate trata depths: Fresh,					T		vell (specify)			O'L & GAS DIVISION
19) Approximate to alse and epths:	11) GEOLOG	ICAL TAR	GETFOR	MATION	,		5			MINI
14) Approximate coal seam depths:										DEPT. OF WILL
CASING AND TUBING PROGRAM  CASING OR TUBING PROGRAM  CASING OR SPECIFICATIONS  Size Grade Weight per ft.  Size Grade Weight per ft.  Size Statemediate  Coal Intermediate  Coal Intermediate  Coal Intermediate  Production 4½ K 10.5 X 2015 2015 To surface Depths set  Tubing Tubing Intermediate  Corporation of Too Surface Depths set  Tubing Tubing Intermediate  Coal Intermediate  Company Tubing Intermediate  Coal										Y
CASING OR TUBING TYPE    Size   Grade   Per ft.   New   Used   For drilling   Left to well   OR SACKS   Cablic feet)							Is co	bal being mined in the	ne area? Yes	/ No/
TUBING TYPE    Size   Grade   pert   New   Used   For drilling   Left in well   Coaldictor		AND TUBI								
Size Grade per ft. New Used For drilling Left in well (Cable Feet)  Conductor 8-5/8 K 24 X 425 425 To Surface  Fresh water Coal Sizes  Intermediate  Production 4½ K 10.5 X 2015 2015 To Surface  OFFICE USE ONLY  DRILLING PERMIT  Date  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 to. 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 listrict 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 everse hereof.  May 3, 1986  Unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Agent: Plat: Casing Fee Unless well work is commenced prior to that date and prosecuted with due diligence.			SPE				FOOTAGE	INTERVALS		PACKERS
Fresh water Coal Coal Fresh water Fr			Grade		New	Used	For drilling		(Cubic feet)	1150
Coal Intermediate	Conductor	8-5/8	K	24	X		425	425	To surface	Mints AT
OFFICE USE ONLY  DRILLING PERMIT  OFFICE USE ONLY  Date  Chis 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 the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper instrict 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 everse hereof.  May 3, 1986  Unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Agent: Plat: Casing Fee  Unless well work is commenced prior to that date and prosecuted with due diligence.	Fresh water									
Production 4½ K 10.5 X 2015 2015 To surface Depths set  Tubing  Defice USE ONLY  DRILLING PERMIT  Date  At 7-015-2228-RED-FRAC  May 3, 19 84  Date  Da	Coal									Sizes
OFFICE USE ONLY  DRILLING PERMIT  Agent: Plat: Casing Fee  May 3, 1986  Date  OFFICE USE ONLY  DRILLING PERMIT  May 3, 1986  Date  OFFICE USE ONLY  Date  OFFICE USE ONLY  Date  May 3, 1986  Date  OFFICE USE ONLY  Top  Bottom	Intermediate									
OFFICE USE ONLY  DRILLING PERMIT  Agent: Plat: Casing Fee Way 3, 1986  Date Way 3, 1986  Permit number May 3, 1986  Date Way 3, 1986  Date	Production	41/2	K	10.5	X		2015	2015	To surface	Depths set
OFFICE USE ONLY  DRILLING PERMIT  Agent:  Plat:  Permit expires  Agent:  Plat:  Casing  Proceedings  Agent:  Plat:  Casing  Proceedings  Proceedings  Proceedings  Agent:  Plat:  Casing  Proceedings  Proceedings  Proceedings  Agent:  Plat:  Casing  Proceedings  Proceedings  Proceedings  Proceedings  Agent:  Plat:  Casing  Proceedings  Proceedings  Proceedings  Proceedings  Agent:  Plat:  Casing  Proceedings  Procee	Tubing						CINO HED	DEFAO.		
OFFICE USE ONLY  DRILLING PERMIT  47-015-2228-RED-FRAC  May 3, 19 84  Date  Chis 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 10.8) 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 listrict 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 everse hereof.  May 3, 1986  unless well work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  What I have the permitted work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  What I have the permitted work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  What I have the permitted work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  What I have the permitted work is commenced prior to that date and prosecuted with due diligence.	Liners					1963				Perforations:
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DRILLING PERMIT  Determit number 47-015-2228-RED-FRAC  May 3, 19 84  Date  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 10.8) 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 listrict 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 everse hereof.  May 3, 1986  unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Agent: Plat: Casing Fee Hours and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.  May 3, 1986  What Application for the construction of roads, locations and pits for any permitted work has commenced.)  May 3, 1986  What Application for the District Oil and Gas inspector, (Refer to 20.8) and 30.8			100				The second			
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Permit number 47-015-2228-RED-FRAC May 3, 19 84  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 10.8) 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 listrict 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 everse hereof.  Permit expires May 3, 1986  unless well work is commenced prior to that date and prosecuted with due diligence.  Bond: Agent: Plat: Casing Fee Works of Sagas Managared Administrator, Office of Oil and Gas						0	FFICE USE	ONLY	The state of the state of	
Date  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 loc. 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 listrict 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 everse hereof.  Dermit expires  May 3, 1986  unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Agent:  Plat:  Casing  Fee  Way 3, 1986  Unless well work is commenced prior to that date and prosecuted with due diligence.  Agent:  Plat:  Casing  Fee  Way 3, 1986  Agent:  Plat:  Casing  Fee  Way 3, 1986  Administrator, Office of Oil and Gas						DI	RILLING PE	ERMIT		Well-world started
Date  Date  Date  Date  Date  Date  Date  Date  Chis 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 loc. 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 listrict 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 everse hereof.  Detail Agent:  Plat:  Casing  Fee  Date  Administrator, Office of Oil and Gas		47-0	15-22	28-RED	-FRAC				Max 3	
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 to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper listrict 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 everse hereof.  Permit expires May 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.  Bond: Agent: Plat: Casing Fee Location of Permitted work is commenced prior to that date and prosecuted with due diligence.  Agent: Plat: Casing Fee Location of Permitted work is commenced prior to that date and prosecuted with due diligence.  Agent: Plat: Casing Fee Location of Permitted work is commenced prior to that date and prosecuted with due diligence.  Agent: Plat: Casing Fee Location of Permitted work is commenced prior to that date and prosecuted with due diligence.  Administrator, Office of Oil and Gas	Permit number_				- 1410					
puriements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper listrict 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 everse hereof.  Permit expires May 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.  Bond: Agent: Plat: Casing Fee Works of the Plate Casin	Th:		.11		l location	shown he	low is suidense	of marminaton area		
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 listrict 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 everse hereof.  Permit expires  May 3, 1986  unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Agent: Plat: Casing Fee  10 10 10 10 10 10 10 10 10 10 10 10 10 1	THE RESERVE AND ADDRESS OF THE PARTY OF THE							The state of the s		
The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.  May 3, 1986  unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Bond:  White May 1986  Plat:  Casing Fee  Work of the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.  May 3, 1986  Unless well work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  Agent:  Plat:  Casing Fee  Work of the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.  May 3, 1986  Unless well work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  Agent:  Plat:  Casing Fee  Work of the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.  Agent:  Agent:  Agent:  Agent:  Agent:  Agent:  Office of Oil and Gas	A CONTROL OF THE PARTY OF THE P									그러면 이번 경기를 하는 아니라 내가 되었다. 그리고 있는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다.
Bond: Agent: Plat: Casing Fee Way 3, 1986  White May 3, 1986  White Ma	district oil and	gas inspecto	r 24 hour	s before ac	ctual perm	nitted wor	k has commence	ed.)		197413954 D1013391 11341
Bond: Agent: Plat: Casing Fee Work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  Unless well work is commenced prior to that date and prosecuted with due diligence.  May 3, 1986  May 4, 1986  May 4, 1986  May 4, 1986  May 5, 1986	The permitted v	vork is as de	scribed in	n the Notic	e and App	plication,	plat, and reclam	ation plan, subject	to any modifications a	and conditions specified on the
Bond: Agent: Plat: Casing Fee 4060- MH MH MH 0895  Margaret J. Hasse 1028-18	reverse hereof.	Marr	2 10	06						
Bond: Agent: Plat: Casing Fee words - Margaret J. Hasse Administrator, Office of Oil and Gas	Permit expires	riay	3, 19	00			unless wel	l work is commence	ed prior to that date and	prosecuted with due diligence.
MH MH MH Wagaret J. Klasse Manufactor, Office of Oil and Gas										STUDENT INSPECTIONS
MH MH MH Wagaret J. Klasse Manufactor, Office of Oil and Gas	Bond:	Agen	1;	Plat:	Casing	F	ee			
Administrator, Office of Oil and Gas	BLANKE		1 11	nu	mi			20		Regson:
Administrator, Office of Oil and Gas		11	1 11	M	11/4	1 08	95	11/1	171	6110
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								Adı	ministrator, Office of (	Oil and Gas

Reason:





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		OFF	ICE USE ONLY	APPROAT			
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APRILLINGS	Stimulate /			noitement bio		SED WELL W	) PROPO
OIL & GAS DIVISION			well (specify)	sical change in			
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						AND TUBING	
PACKERS	P COMENTAGE OF	ERVALS	FOOTAGE 18(1		SPECIFICATIONS		ASING OR
	(table seet)			New Cheek	Canade per fit.		G 2 E E 197. 1 (1) 1
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9-17/8							
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		OFFI	CE USE ONLY		2		gnide
Perforations							
This part of Form IV-2(b)	) is to record the	dates of certa	in occurrences a	nd any follo	w-up inspection	s.	
	ı	Date				Date(s)	
		Jaco				Date(s)	
Application received			Follow-u	p inspection	(s)		
		1 112	PRINCEPER	,,			
Well work started							
Completion of the drilling	V 3/16 / 2						ergat number
process mentined satisfies		nermission grant	to engably a worse	cation showard	owerstöp and well le	tion afti aminovi	ns mermit co
	O reinsitt out or next					prette the conc	diemenis sul
Well Record received	eli operator er his co		nk has commenced.)	al permitted we	4 hours before actu	eas inspector 2	
Reclamation completed		on plan, subject	pin, and reclamati	nd,, pulication	ribed in the Notice a		ie permitted verse hereof
prosecuted with one diligence.	I prior to that date and	ork is continences					renigzy flam
OTHER INSPECTIONS							
				emest	Plat:	Agents	Bonding
Reason:		- 6	P)	1468	A LANGE STATE OF THE STATE OF T		SAMAM

See the reversalide of the APPLICAMT'S COPY for instructions to the well operator

FORM IV-2(A)		
Obverse		1) Date: 4-10 ,19 8
[8-83]		2) Operator's Well No. 20407
		3) API Well No. 47 015 2228
		State County Per
	STATE OF WEST VIRGINI	A DED ENGL
	DEPARTMENT OF MINES, OFFICE OF	OIL & GAS
	NOTICE OF APPLICATION FOR A WELL	WORK PERMIT
4) SURFACE OW	WNER(S) OF RECORD TO BE SERVED 5(i	) COAL OPERATOR Unoperated
(i) Name Co	Columbia Gas Transmission Corp.	Address
Address	S P. O. Box 1273	
Ch Ch	Charleston, WV 25325 5(ii	) COAL OWNER(S) WITH DECLARATION ON REC
(ii) NameAddress	S	Name Joseph Belcher, Jr., et. al. Address Procious, WV 25164
	S	Tiocious, wv 25104
(iii) Name		Name
Address	5	Address
_	5(iii)	COAL LESSEE WITH DECLARATION ON RECORD
		Name N/A
		Address
	TO THE PERSON(S) NAMED ABOVE: You should have received the control of the Application for a Well Work Permit on Form to be plugged, which sets out the parties involved.	nis Form and the following documents:
	to be plugged, which sets out the parties involved and describes the well and its location and, if a cementing program;  (2) The plat (surveyor's map) showing the well location and the Construction and Reclamation Plan on Form IV-plug a well), which sets out the plan for erosion reclamation for the site and access road.  THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HE WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ACTION AT ALL.	on on Form IV-6; and 9 )unless the well work is only to and sediment control and for  APR 1 7 1
		DEDT
	Take notice that under Chapter 22 of the West Virgini erator proposes to file or has filed this Notice and Applifor a Well Work Permit with the Administrator of the Offic Department of Mines, with respect to a well at the location and depicted on attached Form IV-6. Copies of this Notice Construction and Reclamation Plan have been mailed by regingly hand to the person(s) named above (or by publication in before the day of mailing or delivery to the Administrator.	a code, the undersigned well op- cation and accompanying documents e of Oil and Gas, West Virginia n described on attached Application , the Application, the plat, and the stered or certified mail or delivered
	6) EXTRACTION RIGHTS	
	Check and provide one of the following:  Included is the lease or leases or other continuing of the lease of the lease or other continuing of the lease of the lease or other continuing of the lease of	contract or contracts by which
	7) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or ga	
	to the volume of oil or gas so extracted, produced or ma	which is not inherently related rketed? Yes (No)
	for compensation to the owner of the oil or gas in place to the volume of oil or gas so extracted, produced or ma.  If the answer above is No, nothing additional is you may use Affidavit Form IV-60.	which is not inherently related rketed? Yes (No)
	to the volume of oil or gas so extracted, produced or ma.  If the answer above is No. nothing all the answer above is No. nothing all the contract of the cont	needed. If the answer is Yes,

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

1	
J. J. Weekley	
this 10 day of April	. 1984
My commission expires 8-13	, 1989.
Lurry I Buttet	- Section
Wotary Bublic, Kanawha	County,
State of West Vivainia	

OPERATOR Columbia Gas Transmission Corp.

By Clubble Columbia Gas Transmission Columbia Gas Transmission Columbia Gas Transmission Columbia Gas Transmissi

#### INSTRUCTIONS TO APPLICANT

#### 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-lb(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-lk 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-lk(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 § 22-4-8a 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-lm, 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-

- 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:

 Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
. Belcher	United Fuel		8	167

IV-9 (Rev 8-81)



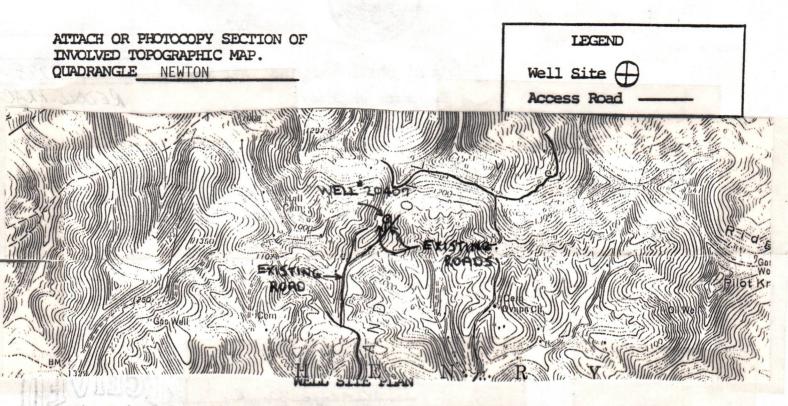
DATE	Ap	ril :	2,	1984	
WELL	NO	20	407		

# State of Mest Mirginia API NO. 47

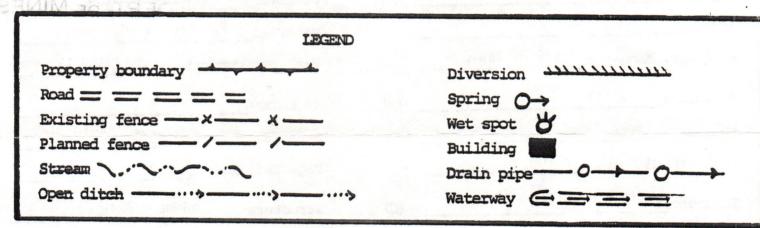
Bepariment of Mines Gil and Gas Division REDRILL-FRAC

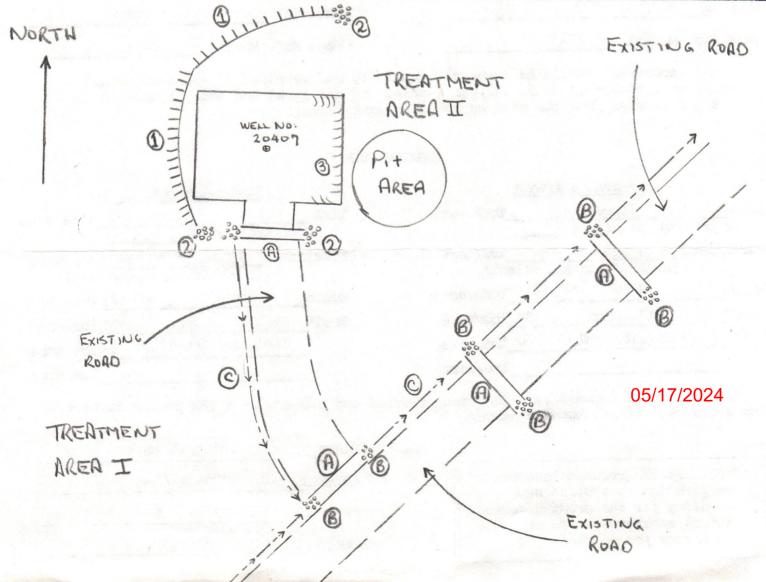
### CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Columbia Gas Transmissi	on Corp.	DESIGNATED AGENT JO	seph E. Campbell
Address P. O. Box 1273, Charlesto	n, WV	Address P. O. Box 12	73, Charleston, WV
<b>Telephone</b> 357-2000		Telephone 357	-2741
LANDOWNER Joseph Belcher	The ST TO THE PARTY OF THE PART	SOIL CONS. DISTRICT	Elk S.C.D.
Revegetation to be carried out by	J	seph E. Campbell	(Agent)
This plan has been reviewed by	E11	SOD.	All corrections
and additions become a part of this p	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	4.4-84	
		(Date)	ECEIVEN
		(SCD Agent)	E CETA C
ACCESS ROAD		( ( ( ) ( ) ( ) ( )	APR 1 7 1984
1611 - 1		LOCATION	IL & GAS DIVISION
	_ (A)	Structure Diversion	Ditch MINES
Spacing Per Sketch	_	Material Per Sketch	
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 Berr	ns
Page Ref. Manual 2-10		Page Ref. Manual 2-	0
Structure Drainage Ditch			
Pon Skatak	_ (C)	Structure Sediment	Barrier (3
Spacing Fer Sketch	_	Material Rock	Berms
Page Ref. Manual 2-12		Page Ref. Manual	2-16
All structures should be inspecte commercial timber is to be cut and cut and removed from the site before	re dirt wo	d all brush and small tink begins.	ber to be
	REVEGETAT	20	
Treatment Area I		Treatment Are	a II
or correct to pH 6.5	re	Lime Three	20000 10000
Fertilizer 500 lbs/acm	e	Fertilizer	5.5 500 lbs/acre
(10-20-20 or equivalent)		(10-20-20 or	equivalent)
fulch Straw Two (2) Tons/ac		Mulch (Straw)	Two (2) Tons/acre
Seed* Ky, 31" Fescue 30 lbs/acr		Seed* Ky. 31" Fescue	30 lbs/acre
Birdsfoot Trefoil 10 lbs/acr		Birdsfoot Trefoil	10 lbs/acre
lbs/acre			lbs/acre
*Inoculate all legumes such as veto; noculate with 3X recommended amount.	h, trefoil	and clovers with the pro	05/17/2024 per bacterium.
	PLAN PR	PARED BY Michael J	ohn
NOTES: Please request landowners'		ADDRESS P. 0. Box 1273	
cooperation to protect new seedling for one growing season.		Charleston, WV	e .
Attach separate sheets as necessary for comments.		ONE NO. 357-2584	The state of the s
recepourd from reminioned			



Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage. Comment: Topsoil shall be scalped from the disturbed area, stockpiled and utilized for top dressing after the site is regraded.





P 377 817 615

RECEIPT FOR CERTIFIED MAIL

CB

HO THE WITHNATIONAL MAIL

(See Reverse)

Contilled Fee Special Delivery Fee	20
Co. I I I I I	75
Special Denvery 1 oc	
Hostricted Delivery Fee	
Return (leceipt Showing to whom and Date Delivered	30
Return Receipt Showing to whom, Date, and Address of Delivery	n / godinman (ph. pr. pr. q
TOTAL Postage and Fees \$	155

Data File Name: INSPECTOR 05/17/2024

	Production First 24 Hours Bbls. Gas Test	Production First 24 Hours & Jo Bbls. Gas Test
	Depth Set	Depth Set
	Packer Size	Packer Size
	Result	65/8" 1873 8 Hot 3. Kesult Offer & Com
	Size Feet In. Feet In. Amount	Feet In. Feet In. Feet In.
	Put in Well Pulled Out Left in Well Shot Date	Put in Well Pulled Out Left in Well Shot Date
	CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT	CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT
	Delle 1515 1535	
	The fee	6007, B-19
	Sand 1246 1515	
	3111	Total Septh 2013 2015 1994
	ello + slate 1000	1994
	Slate: 950 /000	Dell show 1965 1968 1965
	700	18 Carny 1000 1857
	600	
•	43	
R		Jielle June. 1795 1830
	Slate: 325 460	te 0 1785
APR & C		of Sand
_	125	The 1965
<b>V</b> [ 198 DIVI	Slate 100 175	Ed Rock 1721 1727
SIO	80 90	
D <sub>N</sub>	late	
		fine 1535 1640
7/2	ormation Top Bottom Bleel Line	Rock Formation Top Bottom Steel Line Remarks
024	S. 63 F. W	S. E. W.
4	Contractor & Rem Ing Lole Cont	Drilling Commenced 192 Drilling Completed 199 199
	Lease No, class Many District County ); // State	of Joseph Ju
	10-18/261	de particular de la constitución de

IV-35 (Rev 8-81)



OIL & GAS DIVISION

OIL & GAS DIVISION

DEPT. OF MISSING of Mest Hirginia

DEPT. OF MISSING OF Mest Hirginia

Department of Mines

Oil and Gas Division

Date	Febru	ary	4,	1985	
Opera Well	tor's				REDRILI
Farm_		lche	er		
API N	0. 47	-	015	_	02228

## WELL OPERATOR'S REPORT

## DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OCATION: Elevation: 1092.43 Watershed				
District: Henry County C	Clay	_Quadrangle	e Newto	on
COMPANY Columbia Gas Transmission Corporation				
ADDRESS P. O. Box 1273, Charleston, WV		Transl in	Toft	Cement
DESIGNATED AGENT James L. Weekley	Casing	Used in	Left	fill up
ADDRESS P. O. Box 1273, Charleston, WV	Tubing	Drilling	In well	Cu. ft.
	Size 20-16			
701011000	Cond.			
ADDRESS Procious, WV 25164	13-10"			
INERAL RIGHTS OWNER Joseph Belcher	9 5/8			
ADDRESS Procious, WV 25164	8 5/8			
AND GAS INSPECTOR FOR THIS WORK Craig Box 107, Davisson Rt.	7			
Duckworth ADDRESS Gassaway, WV 26624	5 1/2			
PERMIT ISSUED 5-3-84	4 1/2	1941.34	1941.34	550 sacks
DRITLING COMMENCED 5-11-84	3			
DRITTING COMPLETED	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			
ON				1
GEOLOGICAL TARGET FORMATION Injun		Dep	th 2015	feet
Depth of completed well 2015 feet	Rotary	X_/ Cabl	e Tools_	
Water strata depth: Freshfeet	; Salt 137	2 feet		
Coal seam depths: None	Is coal	being min	ed in the	e area? No
OPEN FLOW DATA This is a secondary recovery				
Producing formation Big Injun		v zone dep	th 1966-2	2005 <b>fee</b> f
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between in				
Static rock pressurepsig(surf				
(If applicable due to multiple complete	D=	v zone der	05 <i>i</i>	/17/2024
Second producing formation  Gas: Initial open flow Mcf/d				
Gas: HILLIAI OPEN LIOW MCI/C				
Final open flow Mcf/c	0-11- 11-	Mal Unow		

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

Pay intervals shot between 1966-2005 feet.

### WELL LOG

AMERICAN I AVOID		REMARKS Including indication of all fres			
FEET BO	BOTTOM FEET	and salt wa	ater,	coal, oil and gas	
	1320				
	1352				
	1372				
	1700				
	1774				
	1782				
	1858				
	1966				
	TD				
05					
15					
- J					
	1				
1					
	100				
1					

(Attach separate sheets as necessary)

Columbia Gas Transmission Corporation

Well Operator

By: 05/17/2024

Date: February 4, 1985

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."

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

### INSPECTOR'S WELL REPORT

DEPT. OF MINES

Permit No. DI	D- ddd 8- KEU FRAC.	Oil or Gas Well				
Company C	DLUMBIA GAS TRANS.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PA	CKERS
Address Ch	JARLESTON, W.V.	Size	3 1			3.54
Farm COLL	MBIA GAS TRANS.	16			Kind of P	acker
Well No. 2	0407	13	Br.			
	NRY County CLAY	81/4	(3.6.0 A.)		Size of	
	nced.		83 837		Depth set.	
	edTotal depth	5 3/16				
	Depth of shot	3				
		Liners Used				om
	/10ths Water inInch					om
	tubing/10ths Merc. inInch	and the second section with				
Volume	Cu. Ft.	NAME OF SEP	MARKET AND THE STREET		No. FT.	Date
	bbls., 1st 24 hrs.		COUNTEDED	AT	pppy	INCUES
	feetfeet	and the second s				
The state of the s	feetfeet	and produce of the second seco	INCH			
Remarks: T. C. PERMIT C	SMITH DRILLING CO  D. 2023 COMMING O  CALLED FOR 425' OF 85  LED DKED COMPANY  SURFACE	WT OF HO	07 340 4011 401	LOG	1/4 PART	T OF IT

8 16 84

Craig Duckworth

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No				Well No.				
COMPANY			ADDRESS	0 0000	- <u>7</u> - 2			
ARM	COUNTY							
Filling Material Used								
iner Loc	eation	ation Amount Packer			Location			
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	BIZE	LOST		
				-				
			and the second s					
				-				
illers' Names		er a lawrenger i get e la la lawren						
		Acok a second			A			
marks:	1					-		
	7 handa		ve well on this data					

05/17/2024

Obverse

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OFFICE OF OIL AND GAS CHARLESTON 25305 FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT



OIL & GAS DIVISION DEPT. OF MINE

Company: COLUMBIA GAS TRANS Farm: COL. GAS TRANS. CORP. Well: 20407

Permit No. 47- 15-2228-FRAC County: CLAY

	그리 시간 사람이 맛이 되었는데, 하게 되었다면 하지만 모였다.	In Comel		
Rule	Description	Yes	No	
25.04 25.03 16.01 15.03 15.02 15.01 15.05 23.02 25.01 23.04 23.05 23.07 16.01	Notification prior to starting work Prepred before drilling to prevent waste High pressure drilling Required permits at wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strength Cament Type Maintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Brilling Pits No Surface or Underground Pollution Requirements for Production & Gathering Pipeling Well Records on Site Well Records Filed Identification Markings			
		TE 3 L	Duckwort 85	
with C	ell record was received and reclamation requirementer 22. Article 4. Section 2. the above well se for the life of the well.	Admini March 1		dance

TMS/nw