

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, May 9, 2022 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC 5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit Modification Approval for BURNSIDE 1214 N-3H 47-041-05709-00-00

Lateral Extension, Additional Leases

HG ENERGY II APPALACHIA, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926-0450.

ames Martin Chief •,•

Operator's Well Number:BURNSIDE 1214 N-3HFarm Name:JOHN K BURNSIDE ET ALU.S. WELL NUMBER:47-041-05709-00-00Horizontal 6ANew DrillDate Modification Issued:5/9/2022

Promoting a healthy environment.



HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

April 11, 2022

WV DEP Division of Oil & Gas Attn: Cragin Blevins 601 57th Street Charleston, West Virginia 25304

ck# 030802

RE: Burnside 1214 N-3H Drill Permit Revision Request – (47-041-05709) Freeman's Creek District, Lewis County West Virginia

Dear Mr. Blevins -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, WW6A-1) and a check for expedited service for the 1214 N-3H well work permit revision request. We ask the permit be modified as additional leases have been secured to revise the lateral.

Please let me know if you have any questions or require additional information. I can be reached at (304) 420-1119 or <u>dwhite@hgenergyllc.com</u>.

Very truly yours,

Diane C. White

Enclosures

RECEIVED Office of Oil and Gas

APR 2 1 2022

cc: Sam Ward - WV DEP State Inspector

WV Department of Environmental Protection

4704105709 API NO. 47-

WW-6B (04/15)

OPERATOR WELL NO. Burnside 1214 N-3H Well Pad Name: Burnside 1214

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator: HG Energy	II Appalachia, 🛓	494519932	Lewis	Freeman	Camden 7.5'
.)		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Bu	rnside 1214 N-3	H Well P	ad Name: Bu	Irnside 1214	
3) Farm Name/Surface Owner:	John K Burnside	, et al Public R	oad Access:	Mare Run Rd	at CR 10/9
4) Elevation, current ground:	1160' Ele	evation, propose	d post-constr	uction: 1159.2	20'
5) Well Type (a) Gas <u>x</u> Other	Oil	Un	derground St	orage	
	llow x	Deep			
6) Existing Pad: Yes or No No	izontal <u>x</u>		100		
7) Proposed Target Formation(s) Marcellus at 6709'/6805' and 9			A REAL PROPERTY OF A REAL PROPER	d Pressure(s):	
8) Proposed Total Vertical Dept	h: 7289'				
9) Formation at Total Vertical D		S			
10) Proposed Total Measured De	epth: 23,698'	1			
11) Proposed Horizontal Leg Le		/			
12) Approximate Fresh Water Si		803', 950' 🧹	,		
13) Method to Determine Fresh		Vearest offset w	vell data, (47	-041-00283, 0	210,) 🦟
14) Approximate Saltwater Dept					
15) Approximate Coal Seam De	pths: 510', 910',	915' (Surface	e casing is b	eing extended	to cover the coal)
16) Approximate Depth to Possi			1.02.52		
17) Does Proposed well location directly overlying or adjacent to		ns Yes		No X	
(a) If Yes, provide Mine Info:	Name:				
	Depth:				DIFICE OF OIL END G25
	Seam:				APR 2 1 2022
	Owner:				and the the the
					Environmental Proteone



API NO. 47-04 - 05709 OPERATOR WELL NO. Burnside 1214 N-3H Well Pad Name: Burnside 1214

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	<u>New</u> <u>or</u> <u>Used</u>	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ff)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	30"	New	LS	157.5	120'	120*	Drilled In
Fresh Water/Coal	20"	NEW	J-55	94	1100'	1100'	CTS
Intermediate 1	13 3/8"	NEW	J-55 BTC	68	2056'	2056'	CTS
Intermediate 2	9 5/8"	NEW	J-55 BTC	40	4601'	4601'	CTS
Production	5 1/2"	NEW	P-110 HP	23 ·	23698'.	23698'	CTS
Tubing			Í			-	
Liners							

	<u>Size (in)</u>	<u>Wellbore</u> Diameter (in)	<u>Wall</u> <u>Thickness</u> (in)	<u>Burst Pressure</u> (psī)	Anticipated Max. Internal Pressure (psi)	Cement Type	<u>Cement</u> <u>Yield</u> (cu. ft./k)
Conductor	30"	30"	.500				Drilled In
Fresh Water/Coal	20"	26"	.438	2110	1200	Type 1, Class A	40 % excess yield = 1,20, CTS
Intermediate 1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Load 40% except. To? 6% except
Intermediate 2	9 5/8"	12 1/4"	.395	3950		Type 1/Class A	Loos 40% entres, Tail 0% Desess
Production	5 1/2"	8 1/2"	.415	16240	12500	Type 1/ClessA	
Tubing							
Liners							

PACKERS

Kind:	
Sizes:	
Depths Set:	

Page 2 of 3

05/13/2022

WW-6B (04/15) WW-6B (10/14)

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7289'. Drill horizontal leg to estimated 16,484' lateral length, 23,698' TMD. Hydraulically fracture, stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The stimulation will be completed with multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. See attached list. Maximum pressure not to exceed 12,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 6.32 acres

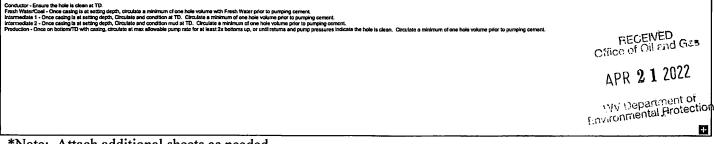
22) Area to be disturbed for well pad only, less access road (acres): 4.12 acres

23) Describe centralizer placement for each casing string:

w Spring on every joint, will also be running w Spring on first 2 joints then every third joi nt to 100' from

24) Describe all cement additives associated with each cement type: uctor -N/A, Casing to be drilled in w/ Dual Rotary Rig. tracmedate 1 - Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl, 40% Excess / Tak 15.8 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS Intermediate 2 - Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl, 40% Excess. Tak 15.9 ppg. PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS Production - Lead: 14.5 ppg PC2-18-1 + 0.3% bwoc CaCl, 40% Excess. Tak 15.9 ppg. PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS

25) Proposed borehole conditioning procedures:



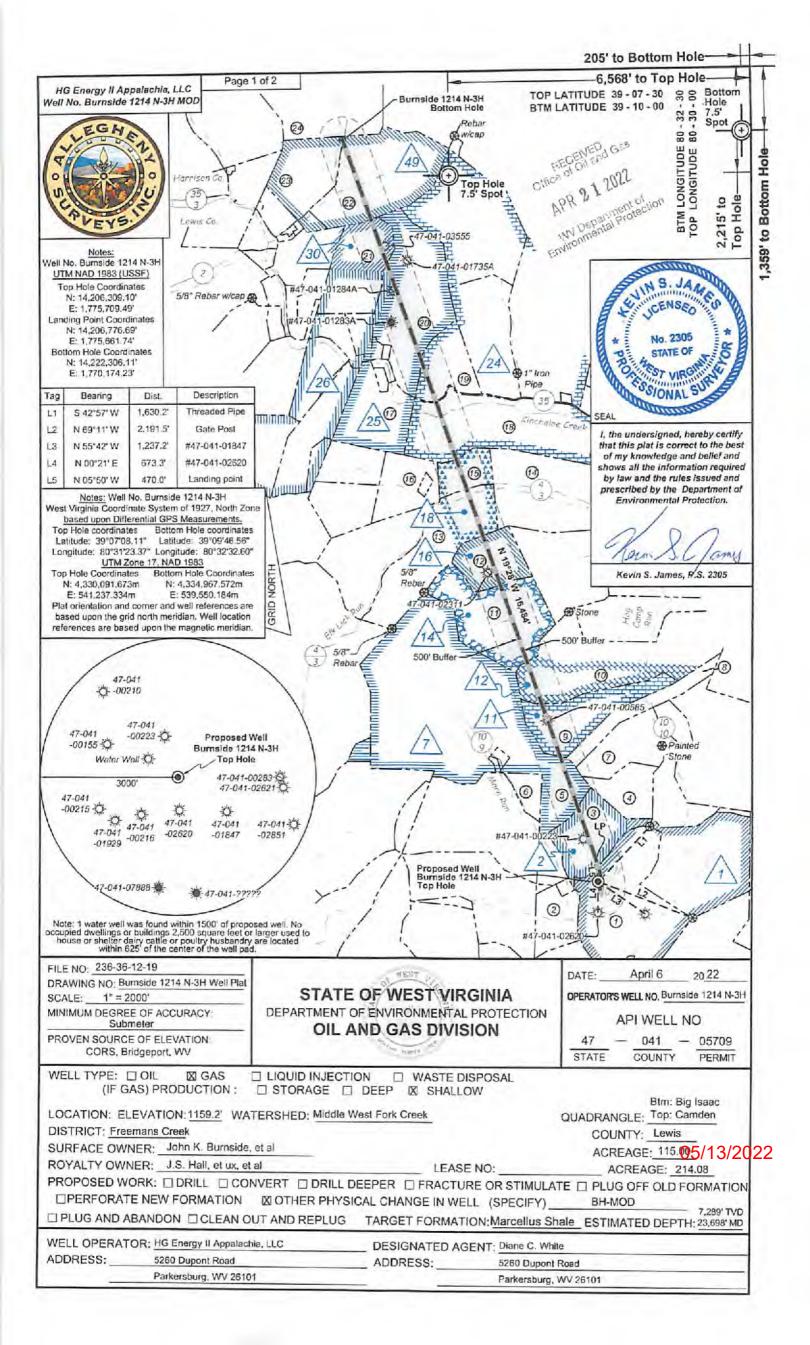
Page 305/13/2022

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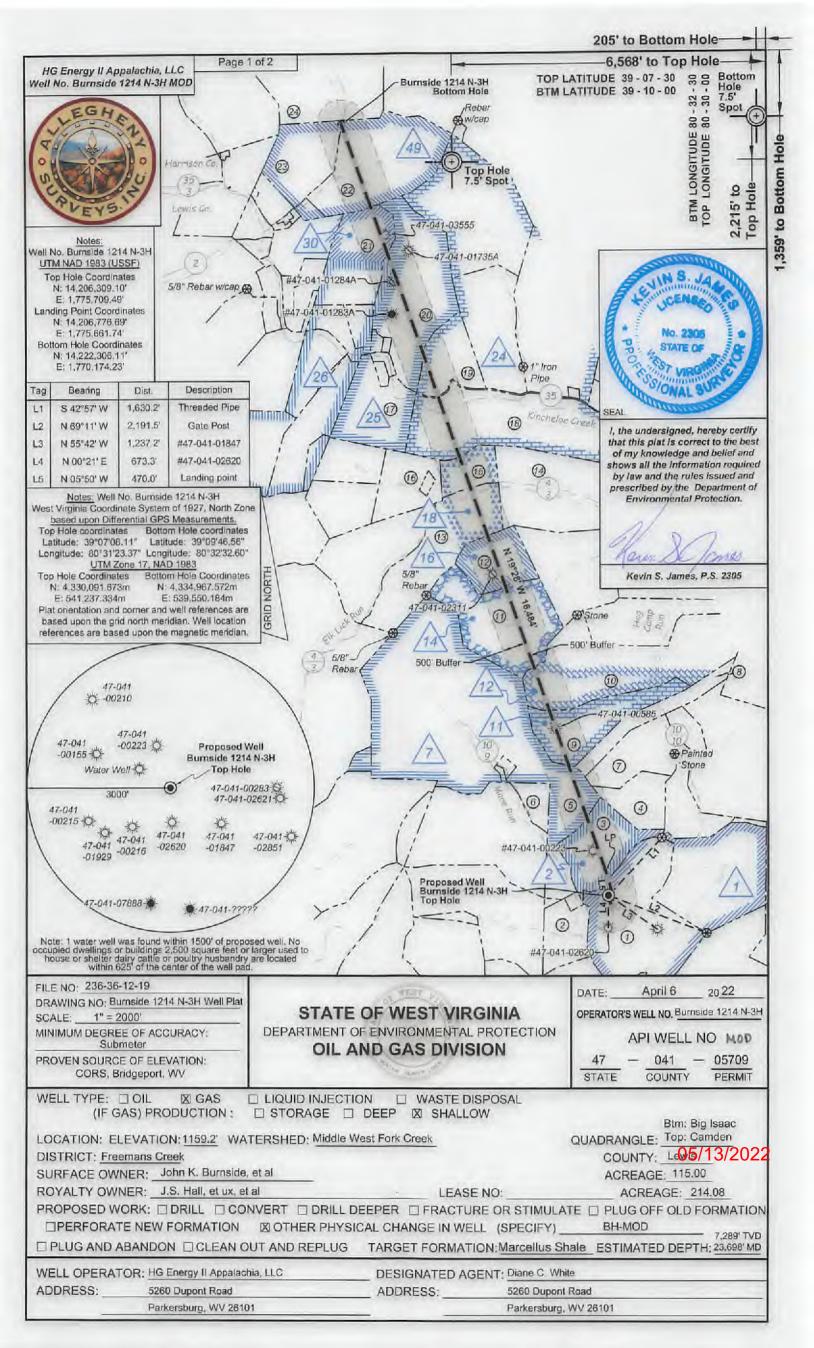
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*Note: Attach additional sheets as needed.

		Dispersant/ D095 1.5 lb per BBL Cem/ET** 60% Excess 15.3 ppg Tail - Yield 1.17 - D995 Surface Set 100 lb 5ack BetGu- 0.15% BMCB Dispersant/ B547 - 0.35% BYV0B D601 - 0.03 and / sack Retriefer- 0% Excess	NET* - 60% Excess ce Set 100 lb / sack (A i47 - 0.35% BWOB G	Mix of Class A and asBLOK* / D013 -	Dispersant / D095 1.5 lb per BBL CemNET* - 60% Excess 15.3 ppg Teil - Yield 1.17 - D995 Surface Set 100 lb / sack (Mix of Class A and Cypsum to meet Dominion Requirements) BreuA - 0.15% BWOB Dispersant / B54 - 0.35% BWOB GasBLOK* / D013 - 0.3% BWOB Relarder / D047 - 0.02 gal / sack Anti D001 - 0.03 and / sack Retriefe - 0% Excess	n Requirements) 047 – 0.02 gal / sac	lirements) 0.02 gal / sack Anti Foam /			Marcellus Shale Horizontal Lewis County, WV	le Horizontal unty, WV	ENERG
Image: line 1150* 1214 N-31 LP	Image: light black						1214 N	I-3H SH		12	4206309.1N 177570	09.49E
300.655° 1214 N.31H BHL 1422306.11N 1770170 HOLE Control of the last of the	340.559* 1214 N-3H BHL 14222306.11N 1770/17 No 230 50°157.8 Controlotion 12 Ann Nu 2422306.11N 1770/17 No 20°157.8 Controlotion 0 12 Controlotion 0 100.4 Controlotion 100.1 No 20°157.8 Controlotion 0 200.45 Nu Controlotion 100.1 Controlotion 100.1 Controlotion 100.1 Controlotion 100.1 100.1 Controlotion 100.1 Controlotion 100.1 Nu Controlotion 100.1 Controlotion 100.1 Nu Controlotion Controlotion Controlotion Nu Controlotion	Ground Elevation		1159			1214	N-3H LP		14	206776.69N 17756	61.74E
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30 31:55 Contractive 0 15:55 Contractive 0 20:00 <t< th=""><th>37 37<</th><th>LEORE DIAGRAM</th><th>HOLE</th><th>CASING</th><th>GEOLOGY</th><th>TOP</th><th>BASE</th><th>MUD</th><th>CEMENT</th><th>CENTRALIZERS</th><th>CONDITIONING</th><th>COMMENTS</th></t<>	37 37<	LEORE DIAGRAM	HOLE	CASING	GEOLOGY	TOP	BASE	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
37 37 15 Conductor 0 100 <td>30 15 Conductor 0 10 10 10 1 25 10 10 20 10 10 10 10 10 1 25 10 1</td> <td></td> <td></td> <td>30" 157 5#</td> <td></td> <td></td> <td></td> <td></td> <td>N/A Casing to be drilled</td> <td></td> <td>Ensure the hole is clean at</td> <td>-</td>	30 15 Conductor 0 10 10 10 1 25 10 10 20 10 10 10 10 10 1 25 10 1			30" 157 5#					N/A Casing to be drilled		Ensure the hole is clean at	-
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11/3 Luttle Line Lotti - Line <thline< th=""> <thline< th=""> Lotti- Lin</thline<></thline<>	11/5 1416-Line 1617 1617 Bar Bar <t< td=""><td></td><td></td><td></td><td>Fresh Water Protection</td><td>D</td><td>1100</td><td></td><td>Yjeld=1.18 / CTS</td><td></td><td>Fresh Water prior to pumping cement.</td><td>Burst=2110 psi</td></t<>				Fresh Water Protection	D	1100		Yjeld=1.18 / CTS		Fresh Water prior to pumping cement.	Burst=2110 psi
1/3 13/3	1/3 1/3 <td></td> <td></td> <td></td> <td>Little Lime</td> <td>1501</td> <td>1517</td> <td></td> <td>See above (LEET) for</td> <td>Brw Snring on every</td> <td>Once casing is at setting</td> <td></td>				Little Lime	1501	1517		See above (LEET) for	Brw Snring on every	Once casing is at setting	
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X Strand 2331 2425 50mg Solid Bayad //wirrin 50mg 241/7756 50mg Solid Sol	X Scara 231 242 9.0pg Bow Care of the production				Gordon Stray / Gordon	2126 / 2161	2163 / 2241					
X Bayad / Warren 2451 / 2756 241 / 2751 SOBM File file fregion first 2 One calient EWOC - point is for profile and recipient EWOC - and	X Bayard / Marren 2461 / 2756 2491 / 2751 30-bit 306 15 h pp Class A adds 400 Box Spring an fract 306 Classion Concention mud at TO and the foot from 40% Excess Once and the foot from and the and 400 Classion Once and the foot from and the and 400 Classion Once and the foot from and the and the and the and 400 Classion Constant and 400 Classion <thconstant and<br="">400 Classion Constant an</thconstant>				5th Sand	2381	2426	6dd0.6				
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X Eretiford 3868 4101 30,000 4101 30,000 4101 30,000 4101 30,000 4101 30,000 4101 30,000 4101 30,000 3	X Eradiori 368 4/1/ A/1/ A/1 A/1<	×		N-60 BTC	Balltown	3205	3265		40% Excess Yield=1.2 / CTS	joint to 100' form surface	Circulate a minimum of one hole volume prior to	
$ \ \ \ \ \ \ \ \ \ \ \ \ \ $	N Beneon 2380 4101 90mp3 X Beneon 2380 4101 90mp3 1 X Bis Cluve Constraint 0 Not. 4807 0 Not. 4807 X Bis Cluve Enternet 0.00 0.00 0.00 0.00 0.00 0.00 Bis Cluve Enternet 0.00	×			Bradford	3868		AIR /			pumping cement.	
X Intermediate 2 0 Not. 4801 hor. 4801 Owner of the set set 0 Not. 4801 hor. 4801 Owner of the set set 0 Not. 4801 hor. 4801 0 Not. 4801 0<	X No. 4801 Other (100: 4800) No. 4801 No. 481 No. 481<				Benson	4389	4401	6dd0.6				
K Rhinestreet 0009 6279 6279 6279 6379 Cashaque 6279 6379 6379 6379 6379 6379 6379 748.pg 718.pg 718.pg <td>X Ethinestreet 6006 6279 6290 6300 710.68 Run 1 spital centralizet at max 23# P110 HP Tuly Linestone 5492 6490 1058 0.053 Run 1 spital centralizet at max 23# P110 HP Linestone 5492 6492 8600 1058 0.056 0.000 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.0</td> <td></td> <td></td> <td></td> <td>Intermediate 2</td> <td>0</td> <td>TVD: 4601' MD: 4606' Inc: 5 deg.</td> <td>Mans</td> <td></td> <td></td> <td></td> <td></td>	X Ethinestreet 6006 6279 6290 6300 710.68 Run 1 spital centralizet at max 23# P110 HP Tuly Linestone 5492 6490 1058 0.053 Run 1 spital centralizet at max 23# P110 HP Linestone 5492 6492 8600 1058 0.056 0.000 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.0				Intermediate 2	0	TVD: 4601' MD: 4606' Inc: 5 deg.	Mans				
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	Nit Middlesex 6379 6411 11.5pg- 1.5pg 6411 11.5pg- 2.5pg Curve 5-1/2* Burkett 6402 12.5pg Fluid Loss Once on bottom/TD with 8.5° Curve 5-1/2* Burkett 6432 6432 6432 508M D136 0.55% BWOB Run 1 spiral centralizer allowable pump rate for at allowable pump rate for at blood for allowable allowable pump rate for at allowable pump rate for at allowable pump rate for at allowable pump rate for at allowable pump				Cashaqua	6279	6379		Class A 14 8 mm			
B.5' Curve B.5' Curve S-1/2' Sing West River G411 6402 12.5pg Run 1 sofral centralizer asing, circulate at max 23# Burkett 6492 SOBM B19 Fluid Loss B19 Pump rate for at low until 23# P-110 HP Tully Limestone 6492 6492 B00 P10 P10 P10 P-110 HP Tully Limestone 6492 6492 6492 B19 P10 P10 P-110 HP Tully Limestone 6492 6492 B047 0.05% BV0B Run 1 sofral centralizer B10% Director at low until P-110 HP Tully Limestone 6492 6492 6492 B047 D05% BV0B P10 P10 P-110 HP Tully Limestone 6490 6709 6800 6709 6805 D047 D025% BV0B P10 P10 Marcellus 6709 6800 11.5pg D10% Excess D106% BV0B P10 P10 P10 P10 Marcellus 6800 12.5pg 0.06% BV0B D106 Group Group D100 Group D100 Group D100 Group Marcellus 6800 12.5pg <t< td=""><td>B.5' Curve B.5' Curve S-1/2" West River G411 G402 12.5pg D255- 0 4% BWOB Run 1 sofral centralizer casing, circulate at max 23# Burkett 6492 SOBM D186 0.55% BWOB Run 1 sofral centralizer easing, circulate at max 23# P-110 HP Tully Limestone 6492 6492 SOBM D186 0.55% BWOB Run 1 sofral centralizer easing, circulate at max 0001 H10 Hamilton 6600 6709 6800 0.702 gal / sack hole volume prior at max easing, circulate at max 0001 Latrei 6600 6709 6805 11.5pg- 10% Excess field centralizer easing, circulate at max 8.5' Lateral 3.5' Lateral 6800 11.5pg- 10% Excess 0.006% BWOB proprint or tropromping cenent. X X X X X X X X</td><td></td><td></td><td></td><td>Middlesex</td><td>6379</td><td>6411</td><td>11.5ppg-</td><td>Yield 1.34</td><td></td><td>Once an bottom/TD with</td><td></td></t<>	B.5' Curve B.5' Curve S-1/2" West River G411 G402 12.5pg D255- 0 4% BWOB Run 1 sofral centralizer casing, circulate at max 23# Burkett 6492 SOBM D186 0.55% BWOB Run 1 sofral centralizer easing, circulate at max 23# P-110 HP Tully Limestone 6492 6492 SOBM D186 0.55% BWOB Run 1 sofral centralizer easing, circulate at max 0001 H10 Hamilton 6600 6709 6800 0.702 gal / sack hole volume prior at max easing, circulate at max 0001 Latrei 6600 6709 6805 11.5pg- 10% Excess field centralizer easing, circulate at max 8.5' Lateral 3.5' Lateral 6800 11.5pg- 10% Excess 0.006% BWOB proprint or tropromping cenent. X X X X X X X X				Middlesex	6379	6411	11.5ppg-	Yield 1.34		Once an bottom/TD with	
5-12 23# P-10 HP Burkett 5432 6492 SUMM D136 = 0.55% EWOB Run 1 sorial centralizer least 2x bortoms up, or until reterise east 2x bortom up reserves 0.00 HI Hamilton 6600 6709 6800 11,5pg- Viscosifier 0.05% BWOB east 2x bortom up or the curve. hole volume prior to ruto up or the curve. 8.5'Laterel 0.00 not tho 23593	S-12 23# P-10 HP Burkett 5432 6492 (BB00 SOURM France D136 - 0.55% EWOB Run 1 sonal centralizer least 2x bortoms up, or until retercer east 2x bortoms up, or until retercer east 2x bortoms up, or until retercer out of the curve. P.10 HP Tully Limestone 6492 6800 6709 6800 709 Retercer least 2x bortoms up, or until retercer 0.00 H10 Hamilton 6600 6709 6800 11,5ppg- Viscosifier lop of the curve. lop of the curve. lop of the curve. lop of the curve. 8.5' Lateral TMD / LP TVD 23533 6800 12,5pg Viscosifier lop of the curve. pumping cenent. 8.5' Lateral Onondaga 6305 10% Excless 10% Excless X X X X		8.5" Curve	_	West River	6411	6482	12.5ppg	D255 – 0.4% BWCB Fluid Loss		-	-
P-110 HP COC HTQ Tully Linnestone B492 6800 Reterent For - 0.02 gal / sack It is 51° tong joint to the Anticate the hole of ean. CDC HTQ Hamilton 6600 6709 6709 D047 - 0.02 gal / sack ta 55° tong joint to the Anticate the hole of ean. Marcellus B709 6800 6709 6709 D208 - 0.05%, BWOB top of the curve. One of the curve. Marcellus B709 6800 11.5ppg- Viscosifier 10% Excess top of the curve. pumping cement. Mondaga 6800 12.5ppg 10% Excess 10% Excess pumping cement.	X = 2353 6800 F710 HP Tully Lintestore 8492 6800 F703 Reteriors CDC HTQ Hamilton 6600 6703 F703 f800 F703 from joint to the indicate the holing pressures Marcellus B7709 6805 7703 f800 F703 from of the curve. CDC HTQ Hamilton 6600 6703 from of the curve. CDC HTQ Hamilton 6600 f703 from of the curve. CDC HTQ Hamilton 700 of the curve. CDC HAMILTON 700 of the curv	(5-1/2"	Burkett	6432	6492	SUBM	D198 - 0.55% BWOB	Run 1 spiral centralizer everv 3 joints from the		
CDC HIQ Hamilton 6600 6709 Anti Foam top of the curve. Citrculate a minimum of one hole volume prior to pumping cement. Marcellus B709 6805 11.5ppg. Viscosifier top of the curve. hole volume prior to pumping cement. X X 0000daga 6805 11.5ppg. 10% Excess pumping cement.	CDC HIQ Hamilton 6600 6709 Anti Foam top of the curve. Citculate a minimum of one hole volume prior to pumping cement. Marcellus B.5" Laterel Marcellus B709 6805 11.5ppg. Viscosifier hop of the curve. hop of t			P-110 HP	Tully Limestone	6492	6600		Retarcer D047 - 0.02 oal / sack	1st 5,5" long joint to the	_	-
Marcellus B709 6805 0.208 0.0008 0.00010 0.00010 No. TMD / LP TVD 23533 6800 11.5ppg- 10% Excess 0.00010 No. TMD / LP TVD 23533 6800 12.5ppg 10% Excess 0.00010 No. Onondaga 6305 50BM 50BM 10% Excess 0.00010	Marcellus B709 6805 0.208 = 0.05% BWOB hold volume provide No. TMD / LP TVD 23533 6800 11.5pg- Viscosifier Niscosifier X Onondaga 6.805 10% Excess 10% Excess 10% Excess pumping cement.			CDCHIQ	Hamilton	6600	60/9		Anti Foam	top of the curve.	Circulate a minimum of one	_
TMD / LP TVD 23593 6800 11.5Ppg 10 X (Production) 23593 6800 12.5pg 10 X Onondaga 6305 50BM 50BM 50BM 50BM	The contract of the con				Marcellus	8709	6805	11 Gang.	D208 - 0.05% BWOB Viscosifier	I	hale volume prior to pumping cement.	
Onondaga 6305 JOURN	X Onondaga Eaos Commanda X X X X X X X X X X X X X X X X X X X	VED A SEP	8.5" Latera		TMD / LP TVD (Production)	23698	6800	12.5ppg	10% Excess			
		*			Onondaga	6305						



HG Energy II Appalachia, LLC Yell No. Burnside 1214 N-3H MOD Page 2 of 2						AL OF	EGH CONTRACTOR	N N N
Well Location References Not to Scale 11" Sycamore Burnside 1214 Pad AZ83" 224" - 8" Magnolia Proposed Well Burnside 1214 N-3H Wellhead Layout (NTS)						1 J.S. 2 W.J.4 7 Hludson 11 Ruby L. 12 Ira L.4 14 John L.6 16 W.4 24 Orna C 25 Fern M 26 J.A.V 30 Clarence P	Lease Hall, et ux Grant, et ux Bailey, et ex Rilnger, et al Dueen, et al Burnside, et ux G. Bailey n N. Bailey N. Bailey S. Hall, et al White, et ux Mhite, et ux Coffindaffer, e	x
The second secon	South of the state	10-00-00-00-00-00-00-00-00-00-00-00-00-0	Na. 1 2 3 4 5 6 7	TM / Par 6C / 3.2 5C / 41 5C / 34 5C / 49 5B / 18 5C / 33 6B / 8	John Phi Ka Jame N John V	- Freeman Creek Dist. Owner K. Burnside, at al Ilip E. Burnside arina K. Rowe s C. Garrett, et al like Ross Inc. V. & Joyce M. Hall s C. Garrett, et al	Bk / Pg 666 / 44 766 / 831 572 / 209 621 / 578 669 / 215 567 / 82 621 / 578	Ac. 115.00 23.90 42.00 28.50 279.97 12.30 47.00
Legend Proposed gas well Well Reference, as noted Monument, as noted Existing Well, as noted	and and		8 9 10 11 12 13 14 15 16	6B / 6 5B / 39 6B / 5 5B / 38 5B / 37 5B / 32 5B / 35 5B / 34 5B / 33	Jame Edwar Edwar Phillip Phillip John Ruth U, 1 Agreeme Mannie R, & Kelly Joa	s C. Garrett, et al rd E. Garrett, et al rd E. Garrett, et al E. Burnside, et al & Rhonda Myers heofield Living Trust ent October 24, 2018 Dons A. Griffith (LE), et a anne Burrows Bowie	621 / 578 429 / 245 666 / 503 666 / 503 652 / 73 740 / 840 a) 652 / 69 622 / 453	55.00 136.00 75.00 36.00 76.64 96.69 20.49 33.49
 Existing Plugged Well, as noted Digitized Well, as noted Creek or Drain Existing Road Surface boundary (approx.) Adjoiner surface tracts (approx.) 			17 No. 18 19 20 21 22 23 24	5A / 44 TM / Par 442 / 8.3 442 / 7.1 442 / 6 422 / 29 422 / 30 422 / 22 422 / 12	Harrison Co William C Step Karen Karen De De	& Samantha L. Brosius 5 Union-Outside Dist. Owner offindaffer, et ux (LE) hanie Stalnaker L. & J.C. Hayhurst L. Hayhurst, et al wain Titus, Jr. wain Titus, Jr. hort & Lou Ann Baker	710/356 Bk/Pg 1585/819 1674/1254 1592/1194 W198/657 1173/1045 1173/1045 1323/663	43.24 97.01 48.47 89.47 43.00
ILE NO: 236-36-12-19 RAWING NO: Burnside 1214 N-3H Well Plat CALE: 1" = 2000' INIMUM DEGREE OF ACCURACY: Submeter ROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV	DEPARTMENT O	OF WEST F ENVIRONMEN ND GAS D	TA	L PROTE		47 - 04	<u>, Burnside 12</u> ELL NO <u>1 – 05</u>	214 N-3H
VELL TYPE: OIL X GAS (IF GAS) PRODUCTION : OCATION: ELEVATION: <u>1159.2</u> WA DISTRICT: <u>Freemans Creek</u> URFACE OWNER: John K. Burnside, OYALTY OWNER: J.S. Hall, et ux, et PROPOSED WORK: DRILL CON PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN O	et al al VVERT	DEEP 🛛 SH est Fork Creek L EEPER 🗆 FRA CAL CHANGE IN	EAS CTU	OW SE NO: JRE OR SELL (SP	STIMULAT	QUADRANGLE: 1 COUNTY: ACREAGE: ACREAG E D PLUG OFF BH-MOD	Lewis 115.005/ E: 214.08 OLD FORM	13/20 /ATION
VELL OPERATOR: HG Energy II Appalach DDRESS: 5260 Dupont Road Parkersburg, WV 2610	ia, LLC	_ DESIGNATE _ ADDRESS: _	-	GENT: Di 52		e Road		



HG Energy II Appalachia, LLC Well No. Burnside 1214 N-3H MOD Page 2 of 2	THE PROPERTY OF THE PROPERTY O
Well Location References Not to Scale 11" Sycamore Burnside 1214 Ped 18" Magnolia Proposed Well Burnside 1214 N-3H Wellhead Layout (NTS)	ID Lease 1 J.S. Hall, et ux 2 W.J. Grant, et ux 7 Hudson Bailay, et ex 11 Ruby L. Klinger, et al 12 Irra L. Queen, et al 14 John L. Burnside, et ux 16 W.G. Bailey 18 Ruth N. Bailey 29 Orna G. Hall, et al 20 J.A. White, et ux 30 Clarence P. McKinley, et ux 49 James K. Coffinidatier, et al
Provide the second seco	Lewis Co Freeman Creek Dist. No. TM / Par Owner Bk / Pg Ac. 1 6C / 3.2 John K. Burnside, et al 666 / 44 115.00 2 5C / 41 Phillip E, Burnside 766 / 831 23.90 3 5C / 34 Karina K. Rowe 572 / 209 42.00 4 5C / 49 James C. Garrett, et al 621 / 578 28.50 5 5B / 18 Mike Ross Inc. 659 / 215 279.97 6 5C / 33 John W. & Joyce M. Hall 567 / 82 12.30 7 6B / 8 James C. Garrett, et al 621 / 578 47.00 8 6B / 6 James C. Garrett, et al 621 / 578 47.00 9 5B / 39 Edward E, Garrett, et al 621 / 578 47.00 10 6B / 5 Edward E, Garrett, et al 429 / 245 55.00
	11 5B / 38 Phillip E. Burnside, et al 666 / 503 75.00 12 5B / 37 Phillip E. Burnside, et al 666 / 503 36.00 13 5B / 32 John & Rhonda Myers 652 / 73 76.64 14 5B / 32 Agreement October 24, 2018 740 / 840 96.69 15 5B / 34 Mannie R. & Doris A. Griffith (LE), et al 652 / 69 20.49 16 5B / 33 Kelly Joanne Burrows Bowie 622 / 463 33.49 17 5A / 44 Charles D. & Samantha L. Brosius 710 / 356 49.90 Harrison Co Union-Outside Dist. No. TM / Par Owner Bk / Pg Ac. 18 442 / 8.3 William Coffindaffer, et ux (LE) 1585 / 819 114.79 19 442 / 7.1 Stephanie Stalnaker 1674 / 1254 43.24 20 442 / 6 Karen L. & J.C. Hayhurst 1592 / 1194 97.01 21 422 / 29 Karen L. & Jr. 1173 / 1045 89.47 22 422 / 30 Dewain Titus, Jr. 1173 / 1045 89.47
FILE NO: 236-36-12-19 DRAWING NO: Burnside 1214 N-3H Well Plat SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: Submeter PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV	STATE OF WEST VIRGINIA OPERATOR'S WELL NO. Burnside 1214 N-3H DEPARTMENT OF ENVIRONMENTAL PROTECTION API WELL NO OIL AND GAS DIVISION 47 47 041 COUNTY 05709 PERMIT
WELL TYPE: OIL GAS (IF GAS) PRODUCTION: LOCATION: ELEVATION: <u>1159.2</u> ' WA DISTRICT: <u>Freemans Creek</u> SURFACE OWNER: <u>John K. Burnside</u> ROYALTY OWNER: <u>J.S. Hall, et ux, e</u> PROPOSED WORK: DRILL CC PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN C WELL OPERATOR: <u>HG Energy II Appalan</u> ADDRESS: <u>5260 Dupont Road</u>	COUNTY: L@5/13/2022 ACREAGE: 115.00 ACREAGE: 214.08 DNVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID DRILL DEEPER ID FRACTURE OR STIMULATE ID PLUG OFF OLD FORMATION INVERT ID PLUG ID FORMATION: MARCEILUS Shale ESTIMATED DEPTH: 23.698' MD

WW-6A1 (5/13) Operator's Well No. Burnside 1214 N-3H

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, 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:

Lease Name or		Constant Lances ato	Develor	Dools/Dago
Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
	*S	ee Attached *		

RECEIVED Office of Oil and Gas

APR 21 2022

W Department of Environmental Protection

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:	HG Energy II Appalachia, LLC
By:	Diane White Diane White
Its:	Agent

Page 1 of _____

HG Energy II Appalachia, LLC Burnside 1214 N-3H

1	1	· · · · · · · · · · · · · · · · · · ·	т	· · · · · · · · · · · · · · · · · · ·			I	
	LEGACY LEASE							
1214N Tract	NUMBER	ΤΑΧ ΜΑΡ	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
· · · · · · · · · · · · · · · · · · ·				J. S. HALL AND CORA A. HALL, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	94
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	127
				HOPE NATURAL GAS COMPANY	RESERVE GAS COMPANY	ASSIGNMENT	79	370
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
		03-006C-0003-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
1	FK053143	03-006C-0003-0001	Q101021000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
1		03-005C-0042-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
						SECOND AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
						THIRD AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734	558
		•		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				W. J. GRANT AND ADDIE J. GRANT, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	209	438
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
2	FK061776	03-005C-0034-0000	Q100936000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
	•				· · · · · · · · · · · · · · · · · · ·	SECOND AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
•				· · · · · · · · · · · · · · · · · · ·		THIRD AMENDMENT TO MEMORANDUM OF		
		Offic FIECEN		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734	558
		of Oil ED		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
/	Envir	Office of Oil and Gas APR 21 2022 W Department of Protection		HUDSON BAILEY AND CHARLOTTE BAILEY, HIS WIFE	A. W. WOODFORD AND GEO. MCGIRE	NOT LESS THAN 1/8	33	424
	1	"nental pent		JAMES M. GUFFEY AND JOHN H. GALEY	THE PHILADELPHIA COMPANY OF WEST VIRGINIA	ASSIGNMENT	44	
		Protent		THE PHILADELPHIA COMPANY OF WEST VIRGINIA	PITTSBURG AND WEST VIRGINIA GAS COMPANY	ASSIGNMENT	85	
		συιοη		PITTSBURG AND WEST VIRGINIA GAS COMPANY	EQUITABLE GAS COMPANY	ASSIGNMENT	216	
				EQUITABLE GAS COMPANY AND PHILADELPHIA OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	246	
		1		HOPE NATURAL GAS COMPANY AND PHILADELPHIA OIL COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	
	•			CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS SOFFET CORFORATION	ASSIGNMENT	425	
	1	03-0058-0018-0000	Q100758000	CONSOLIDATED GAS SOFFET CORFORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	wvsos	
7	FK052228	03-0056-0018-0000	Q102422000	CONSOLIDATED GAS TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
	1	00-0000-0001-0000	CLU2422000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	
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				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	
						THIRD AMENDMENT TO MEMORANDUM OF	724	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC		734	
	_			DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	/36	
				RUBY L. KLINGER (ALSO KNOWN AS RUBY KALLAS) AND ROBERT E.				
				KLINGER, HER HUSBAND; HELEN L. LANG AND JUNIOR A. LANG, HER				
				HUSBAND; JOSEPHINE TRAVIS AND RAYMOND TRAVIS, HER HUSBAND;			216	
				AND, HAROLD E. OLDAKER, SINGLE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	216	
				CHARLES M. GARRETT AND DELPHIA GARRETT, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	294	
		1		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	425	
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION		425 WVSOS	
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE		
					DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS 672	
11	FK062880	03-005B-0039-0000	Q100289000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	
-	FK062963		Q100695000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	712	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)		
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	WVSOS	_
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wv505	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF	723	
		•				FARMOUT AGREEMENT	734	
				DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	
	_			· · · · · · · · · · · · · · · · · · ·			40	
				IRA L. QUEEN AND EFFIE QUEEN	FRED RICH	NOT LESS THAN 1/8		
		1		T.N. BARNSDALL, SOUTHERN OIL COMPANY, FRED S. RICH, AND W.S. MOWRIS	RESERVE GAS COMPANY	ASSIGNMENT	85	
		1		HOPE NATURAL GAS COMPANY AND RESERVE GAS COMPANY		ASSIGNMENT	55	
				HOPE NATURAL GAS COMPANY AND RESERVE GAS COMPANY				
				CRUDE OIL COMPANY	HOPE NATURAL GAS COMPANY AND RESERVE GAS COMPANY	ASSIGNMENT	55	
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY AND RESERVE GAS COMPANY	ASSIGNMENT	155	
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS SOFFET CONFORMION	ASSIGNMENT	425	
				CONSOLIDATED GAS SOFTLY CONFORMION		MERGER/NAME CHANGE	wvsos	
		n/o.03-0068-0005-0000		CONSOLIDATED GAS TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
12	FK053127	p/o 03-0068-0005-0000 p/o 03-0068-0039-0000	1 1103382000		CNX GAS COMPANY LLC		672	
	1	P/0 03-0008-0039-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	_
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	<u> </u>
						SECOND AMENDMENT TO MEMORANDUM OF		
				DOM MINION CHIEDOW TRANSCHIEGONI, INIC	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	
	C _{ifice}	ECENT		DOMINION ENERGY TRANSMISSION, INC.		THIRD AMENDMENT TO MEMORANDUM OF		
	C _{filico}	ECEIVED				THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	
	C _{ifico} APP	ECEIVED of Oil and Gaa		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)	734 736	
	Cifics APR	ECEIVED of Oil and Gaa		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT ASSIGNMENT (68%)	736	
	Cifico APR Envir V Do	ECEIVED of Oil and G28		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. JOHN L. BURNSIDE AND GRACE BURNSIDE, HIS WIFE	HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY	FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8		
	Cifica APR Environment	ECEIVED of Oil and G28		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. JOHN L. BURNSIDE AND GRACE BURNSIDE, HIS WIFE HOPE NATURAL GAS COMPANY	HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED	736 185	
	Cifics APR Environmental	ECEIVED of Oil and Gas 1 2022		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. JOHN L. BURNSIDE AND GRACE BURNSIDE, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT	736 185 294	
	Cifics APR ^{!W} Depar Environmenta	ECEIVED of Oil and Gas 1 2022		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. JOHN L. BURNSIDE AND GRACE BURNSIDE, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION	FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE	736 185 294 425	
	Cifics APR ^{!W} Depar Environmenta	ECEIVED of Oil and Gas 1 2022 ment of Protection		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. JOHN L. BURNSIDE AND GRACE BURNSIDE, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT	736 185 294 425 WVSOS	

1	1	1	· · · · · ·			CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
14		FK058271	03-006B-0038-0000	Q100681000	DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
					NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
ł					DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
						DOMINION ENERGY TRANSMISSION, INC.	SECOND AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION INC	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
					DOMINION ENERGY TRANSMISSION, INC.		THIRD AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734	558
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
					W. G. BAILEY	J. W. TRACY	NOT LESS THAN 1/8	39	116
					J. W. TRACY	FRED S. RICH	ASSIGNMENT	44	532
					FRED S. RICH AND M. B. RICH, HIS WIFE; GEORGE H. CORNWALL AND				
					MARY D. CORNWALL, HIS WIFE; J. M. REED AND ELLA REED, HIS WIFE;				
					AND W. I. GOBLE AND L. M. GOBLE, HIS WIFE	CRUDE OIL COMPANY	ASSIGNMENT	52	176
					CRUDE OIL COMPANY	HOPE NATURAL GAS COMPANY AND RESERVE GAS COMPANY	ASSIGNMENT	55	456
					CRUDE OIL COMPANY	HOPE NATURAL GAS COMPANY AND RESERVE GAS COMPANY	ASSIGNMENT	55	315
,					RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	155	202
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
	ļ				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
16	. 1	FK053095	03-005B-0037-0000	Q100766000	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY	PARTIAL ASSIGNMENT (32%)	712	848
		e u F	ECEIVED		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
		Office	of Oil and O		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
		•	628 UIC (128		DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
		APR	ECEIVED of Oil and Gas 2 1 2022				SECOND AMENDMENT TO MEMORANDUM OF		
· ·		•••	~ 1 2022		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
		- WV Der					THIRD AMENDMENT TO MEMORANDUM OF		
		Environme	tal Prot of		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734	558
			part.nent of Ital Protection		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
					RUTH N. BAILEY, SINGLE	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	302	433
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	wvsos	
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
			03-005B-0034-0000	Q100931000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
18		FK058323	p/o03-005B-0032-0000	Q09876000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
			p/000-0050-0052-0000	000000000000000000000000000000000000000	NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
							SECOND AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
							THIRD AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734 736	558 220
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	/36	
					OMA G. HALL, SINGLE; MARIE P. HALL, WIDOW; EVELYN H. TAYLOR,				
					WIDOW; BERTHA H. MILLER AND A.D. MILLER, HER HUSBAND;				
					CHARLES R. HALL, SINGLE; HELEN M. HALL, SINGLE; PAMELA H.				
1					SHANKLIN AND WM. M. SHANKLIN, JR., HER HUSBAND; GERTRUDE				
					BEALL AND BLAIR B. BEALL, HER HUSBAND; HELEN MCCOY, SINGLE;			4000	607
					AND, ADA B. HALL, WIDOW	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	1032	683 250
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	921
			20-0442-0007-0000		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG DEVELOPMENT COMPANY	ASSIGNMENT	1143	921
1			20.0442.0007.0001		CNG DEVELOPMENT COMPANY	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1169	820

1 1	I I	20-0-442-0001-0001		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
	1	20-0442-0007-0002		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
24	FK097991	20-0442-0008-0000	Q100844000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
		20-0442-0008-0001		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
ł I		20-0442-0008-0003		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
		20-0422-0032-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
						SECOND AMENDMENT TO MEMORANDUM OF		
				DOMINION TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
						THIRD AMENDMENT TO MEMORANDUM OF		
				DOMINION TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
				Janice Gum	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1135
				Frederick See Hall	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1559	376
				John Richard Hall	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1128
				Sharon L. Hall	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1559	381
	1			Jerry M White	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	891
				Ann Williamson	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	895
· · · · ·				Sandra S. Wilson		NOT LESS THAN 1/8	1566	899
				Diane Gibbs	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1559	901
					NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
1	1					PARTIAL ASSIGNMENT (32%)	712	848
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	717	1
		- /			NOBLE ENERGY, INC.	ASSIGNMENT	722	170
1		p/o 20-0442-0004-0001		NOBLE ENERGY, INC.		NOT LESS THAN 1/8	1723	563
		p/o 20-0442-0005-0000		Fem M. (Babcock) White	HG ENERGY II APPALACHIA, LLC		1720	1119
		p/o 20-0442-0006-0000	1	John E Gygax by POA Matthew Brent Gygax	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	729
25	FK108082	20-0442-0006-0001		Gretchen G. Johnson Alice Jean Hall Fisher	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1719	1043
		20-0442-0006-0002			HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1719	1045
		03-005A-0016-0000		Donna L. Hali Davis Cathy Hali Couch fka Catherine Hall Couch	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	565
		p/o 03-005A-0016-0001		John Richard Hall	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1719	1322
		03-005A-0016-0002		Sharon L. Hall	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1719	1047
					HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1718	1176
				L. D. (Jack) Skinner Sue Ellen Hall		NOT LESS THAN 1/8	1719	1049
				Jane Ann Finster	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1718	1178
	on BE	CEIVED Oil and Ges		Paula Sue Elliott	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	559
	Uffice o	OUVED			HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	312
		^{() ຊີ} ມາd G _E		Margene Hill Charles F. Smallin AKA Charles Edward Franklin II.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1720	736
	APR o			Charles E. Franklin AKA Charles Edward Franklin, Jr.	HG ENERGY II APPALACHIA, LLC		1719	1334
	· · · · · · · · · · · · · · · · · · ·			Leslie Monteith	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1720	68
	r WDon			Lauren G. Plante	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	569
	Cnvironmenta	ment of		Gregory Hume	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	1015
	WV Depar Environmenta	Protection		Paul Sinak	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	39	70
		-40/)		J. A. WHITE AND J. ALICE WHITE, HIS WIFE		NOT LESS THAN 1/8	52	465
				J. A. WHITE AND J. ALICE WHITE, HIS WIFE	HOPE NATURAL GAS COMPANY AND LOUIS BENNETT	MODIFICATION OF LEASE	294	89
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	425	127
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425 WVSOS	12/
		03-005A-0013-0000		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE		
		03-005A-0014-0000		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS 672	154
1		03-005A-0015-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	57
		03-005B-0026-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684 712	848
26	FK002814	03-005B-0027-0000	Q100365000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	
		20-0442-0005-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	170
		p/o 20-442-0004-0001		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	WVSOS	
		p/o 20-422-0029-0000		DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
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						THIRD AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				CLARENCE P. MCKINLEY AND EUNICE H. MCKINLEY, HIS WIFE	CNG DEVELOPMENT COMPANY	NOT LESS THAN 1/8	1161	990
				CNG DEVELOPMENT COMPANY	CNG PRODUCING COMPANY	MERGER/NAME CHANGE	1223	361
				CNG PRODUCING COMPANY	DOMINION EXPLORATION & PRODUCTION INC	MERGER/NAME CHANGE	58	366
				DOMINION EXPLORATION & PRODUCTION INC, DOMINION		PARTIAL ASSIGNMENT (FROM TOP OF		
				TRANSMISSION INC., AND DOMINION APPALACHIAN DEVELOPMENT		RHINESTREET FORMATION TO 500' BELOW THE		{
				LLC	ANTERO RESOURCES APPALACHIAN CORPORATION	TOP OF HELDERBURG FORMATION)	1423	1068
30	DV014642	p/o 20-0422-0028-0000	Q092424000	DOMINION EXPLORATION & PRODUCTION INC.	DOMINION TRANSMISSION INC.	ASSIGNMENT	1457	978
		p/o 20-0422-0029-0000		DOMINION TRANSMISSION, INC.	CONSOL ENERGY HOLDINGS LLC XVI, LLC	ASSIGNMENT	1458	299
				CONSOL ENERGY HOLDINGS LLC XVI	CONSOL GAS COMPANY	MERGER/NAME CHANGE	59	1019
				DOMINION EXPLORATION & PRODUCTION INC	CONSOL GAS COMPANY	MERGER/NAME CHANGE	36	913
				CONSOL GAS COMPANY	CNX GAS COMPANY	MERGER/NAME CHANGE	1472	294
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				JAMES K COFFINDAFFER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1676	1158
				MARY J HITT	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	397
				RHONDA MOYER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	433
		·		JEANNETTE FOWLER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	867
				LORA J REED		NOT LESS THAN 1/8	1680	869
					HG ENERGY II APPALACHIA, LLC		1680	884
						NOT LESS THAN 1/8	1680	935
				ALAN W FRANK	HG ENERGY II APPALACHIA, LLC		1680	937
				BETTY L BENNETT	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	956
				RICHARD HITT	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	962
				TAMMY BRAMER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	230
		1 1		BRENDA L SHULTZ	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	230
		1		JOHN M FRANK	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1559	367
		1 1		JANET O'HAIL	CNX GAS COMPANY LLC	NOT LESS THAN 1/8		741
				WALTER REED WHITEMAN	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	
				SHERRI BAILEY	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	745
				WAYNE BAILEY	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	
				JAMES HARLEY COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	766
				DAVID COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	794
				DIANA DAVISSON	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	816
				DONNA JEAN HITT	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	825
				MARY JO GREATHOUSE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	840
				TERRY BRADDOCK	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	844
				PATSY L HYLAND AND A. VERNE HYLAND, WIFE AND HUSBAND	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	856
	CIFICE OF APR			CHARLENE RAUCHBAUCH AND JAY RAUCHBACH, WIFE AND HUSBAND	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	864
		ECEIVED		ROBERTA L SAURER AND BENJAMIN R. SAURER, WIFE AND HUSBAND	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	131
	4.5	" and G.		EVELYN MCDONALD	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	134
	АРР	b , ⁽⁴²⁾		HASKELL L BEE SR. AND JULIE A BEE, HISBAND AND WIFE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	138
		¥ 1 2020		JEANETTE FOWLER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	141
	Envir Do-			AMY DAVIS	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	145
	"Onment	Trinent or Protection		DONNA C. BARUCZA	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	150
	-'''	Protect		ТІМОТНУ ВАТСНА	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	154
				ROBIN LAVENDER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	158
				TWILA PROVINCE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	162
				THOMAS COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	171
		I I		BOBBY ADAMS	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1090
				DANIEL COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1098
				JAMES E. BELL	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1102
		1 1		BETTY L. HERSHMAN	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1106
		ļ		BETTY O. FERRY	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1110
		1 1		FARIS WOODROW COFFINDAFFER		NOT LESS THAN 1/8	1568	1114
		I			CNX GAS COMPANY LLC	1101 LE33 111AN 1/0	10,001	****

	I		DENNIS ZAUGG	
		•	ROBER C. BEE AND VICKIE A. BE	E F
		p/o 20-0422-0022-0000	JOHN O'HAIL	
		p/o 20-0422-0022-0000	CNX GAS COMPANY LLC	
49		20-0422-0030-0000	CNX GAS COMPANY LLC	
		20-0422-0030-0001		
		20-0422-0030-0000	NOBLE ENERGY, INC. JAMES K COFFINDAFFER	
1			LORA J REED	
			MARCIE EAKLE	
			ALAN W FRANK	
			BETTY L BENNETT	
			RICHARD HITT	
			BRENDA L SHULTZ	
			JOHN M FRANK	
			JANET O'HAIL	
			WALTER REED WHITEMAN	
1 1			SHERRI BAILEY	
			WAYNE BAILEY	
			JAMES HARLEY COFFINDAFFER	
			DAVID COFFINDAFFER	
			DIANA DAVISSON	
			DONNA JEAN HITT	
			MARY JO GREATHOUSE	
			TERRY BRADDOCK	
			PATSY L HYLAND AND A. VERNE	<u>е нү</u>
			CHARLENE RAUCHBAUCH AND	JAY
			ROBERTA L SAURER AND BENJ	AM
			EVELYN MCDONALD	
			HASKELL L BEE SR. AND JULIE A	BE
			JEANETTE FOWLER	
			AMY DAVIS	
			DONNA C. BARUCZA	
			TIMOTHY BATCHA	
			ROBIN LAVENDER	
			TWILA PROVINCE	
1			THOMAS COFFINDAFFER	
			BOBBY ADAMS	
			DANIEL COFFINDAFFER	
			JAMES E. BELL	
			BETTY L. HERSHMAN	
	Offication	ECEn .	BETTY O. FERRY	
		OUVED	FARIS WOODROW COFFINDAF	FFR
	Apr	' ^{wid} G	DENNIS ZAUGG	
	~~~~ K 2	ECENTED I Oil and Gam 1 2022		
	- 11A	1 2022	ROBER C. BEE AND VICKIE A. BI JOHN O'HAIL	-C,
			I BUMIN U MAIL	
·	Environ Depar			
	Environmental		CNX GAS COMPANY LLC	
	WV Depart Environmental	Protection		

DENNIS ZAUGG	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1118
ROBER C. BEE AND VICKIE A. BEE, HUSBAND AND WIFE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	794
JOHN O'HAIL	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1326
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	13
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
JAMES K COFFINDAFFER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1676	1158
LORA J REED	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	869
MARCIE EAKLE	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	884
ALAN W FRANK	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	935
BETTY L BENNETT	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	937
RICHARD HITT	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1680	956
BRENDA L SHULTZ	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	230
JOHN M FRANK	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	249
JANET O'HAIL	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1559	367
WALTER REED WHITEMAN	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	741
SHERRI BAILEY	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	745
WAYNE BAILEY	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	753
JAMES HARLEY COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	766
DAVID COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	794
DIANA DAVISSON	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	816
DONNA JEAN HITT	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	825
MARY JO GREATHOUSE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	840
TERRY BRADDOCK	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	844
PATSY L HYLAND AND A. VERNE HYLAND, WIFE AND HUSBAND	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	856
CHARLENE RAUCHBAUCH AND JAY RAUCHBACH, WIFE AND HUSBAND	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1566	864
ROBERTA L. SAURER AND BENJAMIN R. SAURER, WIFE AND HUSBAND	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	131
EVELYN MCDONALD	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	134
HASKELL L BEE SR. AND JULIE A BEE, HISBAND AND WIFE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	138
JEANETTE FOWLER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	141
AMY DAVIS	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	145
DONNA C. BARUCZA	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	150
TIMOTHY BATCHA	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	154
ROBIN LAVENDER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	158
TWILA PROVINCE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	162
THOMAS COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1567	171
BOBBY ADAMS	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1090
DANIEL COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1098
JAMES E. BELL	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1102
BETTY L. HERSHMAN	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1108
BETTY O. FERRY	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1110
FARIS WOODROW COFFINDAFFER	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1114
DENNIS ZAUGG	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	1118
ROBER C. BEE AND VICKIE A. BEE, HUSBAND AND WIFE	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	794
JOHN O'HAIL	CNX GAS COMPANY LLC	NOT LESS THAN 1/8	1568	132
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	1
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	943
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	693



Stansberry, Wade A <wade.a.stansberry@wv.gov>

#### Modifications H6A Horizontal Well Work Permit (API: 47-041-05709, 05725, 05726, 05727, 05728, 05729) 1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Mon, May 9, 2022 at 12:24 PM To: Diane White <dwhite@hgenergyllc.com>, John Breen <jbreen@assessor.state.wv.us>, "Ward, Samuel D" <samuel.d.ward@wv.gov>

I have attached a copy of the newly issued well permit number. This will serve as your copy.

47-041-05709 - BURNSIDE 1214 N-3H 47-041-05725 - BURNSIDE 1214 N-1H 47-041-05726 - BURNSIDE 1214 N-2H 47-041-05727 - BURNSIDE 1214 S-5H 47-041-05728 - BURNSIDE 1214 S-6H 47-041-05729 - BURNSIDE 1214 S-4H

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

**Environmental Resource Specialist 3** 

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

#### 6 attachments

- 47-041-05709 mod.pdf 7-1697K
- 47-041-05726 mod.pdf 2-2104K
- 47-041-05727 mod.pdf 7-1686K
- 47-041-05728 mod.pdf 7-1709K
- **47-041-05729 mod.pdf** 1644K 7-
- **47-041-05725 mod.pdf** 1884K 7-