

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 Schoen 1205 N-4H

47-033-06011-00-00

Lateral Extension

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

James A. Martin

Chief

Operator's Well Number: Schoen 1205 N-4H

Farm Name: George and Roseanne Schoen

U.S. WELL NUMBER: 47-033-06011-00-00

Horizontal 6A New Drill

Date Modification Issued: 5/9/2022

Promoting a healthy environment.

WW-6B (04/15)

API NO. 47	
OPERATOR WELL N	O. Schoen 1205 N-4H
Well Pad Name: So	choen 1205

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

1) Well Operator: HG Energy	II Appalachia, L 4	94519932	Harrison	Grant / N	Nount Clare 7.5'
		Operator ID	County	District C	uadrangle
2) Operator's Well Number: Sc	hoen 1205 N-4H	Well Pa	d Name: Sch	oen 1205	
3) Farm Name/Surface Owner:	George Schoen	Public Roa	ad Access: M	cWhorter Roa	d / SR25
4) Elevation, current ground:	1410' Eleva	ation, proposed	post-construc	tion: 1407'	
5) Well Type (a) Gas x Other	Oil	Und	erground Stor	age	
(b)If Gas Sha	llow x	Deep			3/30/20
Hor	rizontal X				130/20
6) Existing Pad: Yes or No No			2		312
 Proposed Target Formation(s Marcellus at 7214' / 7315' and 				Pressure(s):	
8) Proposed Total Vertical Dept	n: 7240'				
9) Formation at Total Vertical D	epth: Marcellus /				
10) Proposed Total Measured D	epth: 24,172',				
11) Proposed Horizontal Leg Le	ngth: 16,149'				
12) Approximate Fresh Water S	rata Depths: 13	35', 480', 640',	728'		
13) Method to Determine Fresh	Water Depths: Nea	arest offset we	Il data -		
14) Approximate Saltwater Dept	hs: 1730, 1780, 2	010			
15) Approximate Coal Seam De	oths: 501, 650', 730', 73	86' (Surface casing	is being extended	to cover the coal in	the DTI Storage Field)
16) Approximate Depth to Possi	ble Void (coal mine,	, karst, other):	None		
17) Does Proposed well location directly overlying or adjacent to		Yes	Ne Ne	o _X	
(a) If Yes, provide Mine Info:	Name:				
	Depth:	10.7001			RECEIVED Office of Oil and Gas
	Seam:				MAY 0 3 2022
	Owner:			Er	WV Department of ovironmental Protection

WW-6B (04/15) API NO. 47-___ OPERATOR WELL NO. Schoen 1205 N-4H Well Pad Name: Schoen 1205

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	<u>Grade</u>	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	30"	New	LS	157.5	120'	120' /	Drilled In
Fresh Water/Coal	20"	NEW	J-55	94	1200'	1200'	40% excess,CTS
Intermediate 1	13 3/8"	NEW	J-55	68	2100'	2100'	40% excess,CTS
Intermediate 2	9 5/8"	NEW	J-55	40	2950'	2950' -	40% excess tail, CTS
Production	5 1/2"	NEW	P-110	23	24172'	24172'	20% excess tail, CTS
Tubing							
Liners							

50 w 2022

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	30"	30"	.500				Drilled In
Fresh Water/Coal	20"	24"	.438	2110	1200	Type 1, Class A	40 % expess yield = 1.20, CTS
Intermediate1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Load 40% excess, Tall 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	3950		Type 1/Class A	Load 40% excess. Tail UN Excess Load
Production	5 1/2"	8 1/2"	.415	16240	12500	Type 1/ClassA	20% excess yield = 1,10, to I yield 1,04,0
Tubing					12000	1372 0 434410	
Liners							

PACKERS

Kind:	
Sizes:	
Depths Set:	RECEIVED Office of Oil and Gas
	MAY 0 3 2022

WW-6B (10/14) API NO. 47-____OPERATOR WELL NO. Schoen 1205 N-4H
Well Pad Name: Schoen 1205

19) Describe proposed well work, including the drilling and plugging back of any pilot l	19)	Describe proposed w	ell work.	including	the drilling	and pluggin	g back of an	y pilot hole
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Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7240 feet. Drill horizontal leg to estimated 16,149' lateral length, 24,172' 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): 29.485 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 9.246 acres

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.
Frashwater - entailed every 3 joints to surface.
Coal - Bow Spring on every joint, will also be unning ACP for isolating storage zone
Intermedate - Sow Spring on every joint, and also be unning ACP for isolating storage zone
Intermedate - Sow Spring on first 2 joints then every third joint to 100° from surface.
Production - Run 1 spiral centralizer every 5 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5" long joint to the top of the curve.

24) Describe all cement additives associated with each cement type:

Conductor -WA, Cesting to be diffied in will Dual Rotary Rg.
Frish Water - 15.6 pag PRE-1 + 3% bwoc CeCI, 40% Excess Yaid = 1.20, CTS
Intermedate 1 - 1-10ed: 15.4 pag PRE-1 + 2.5% to bwoc CECI/UN Excess / Tail: 15.9 pag PRE-1 + 2.5% to bwoc CeCI zero% Excess. CTS'
Intermedate 2 - 1-10ed: 15.4 pag PRE-1 + 2.5% to bwoc CECI/UN Excess / Tail: 15.9 pag

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.

Fresh Water - Once casing is at setting depth, cruciate a minimum of one hole volume with Fresh Water prior to pumping cement.

Coal - Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.

Intermediate - Once casing is at setting depth, Circulate and condition must at TD. Circulate a minimum of one hole volume prior to pumping cement.

Production - Once on bettom/TD with easing, circulate and extense allowage pump rate for at least 2t becomes vice, or undirections and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.

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Office of Oil and Gas

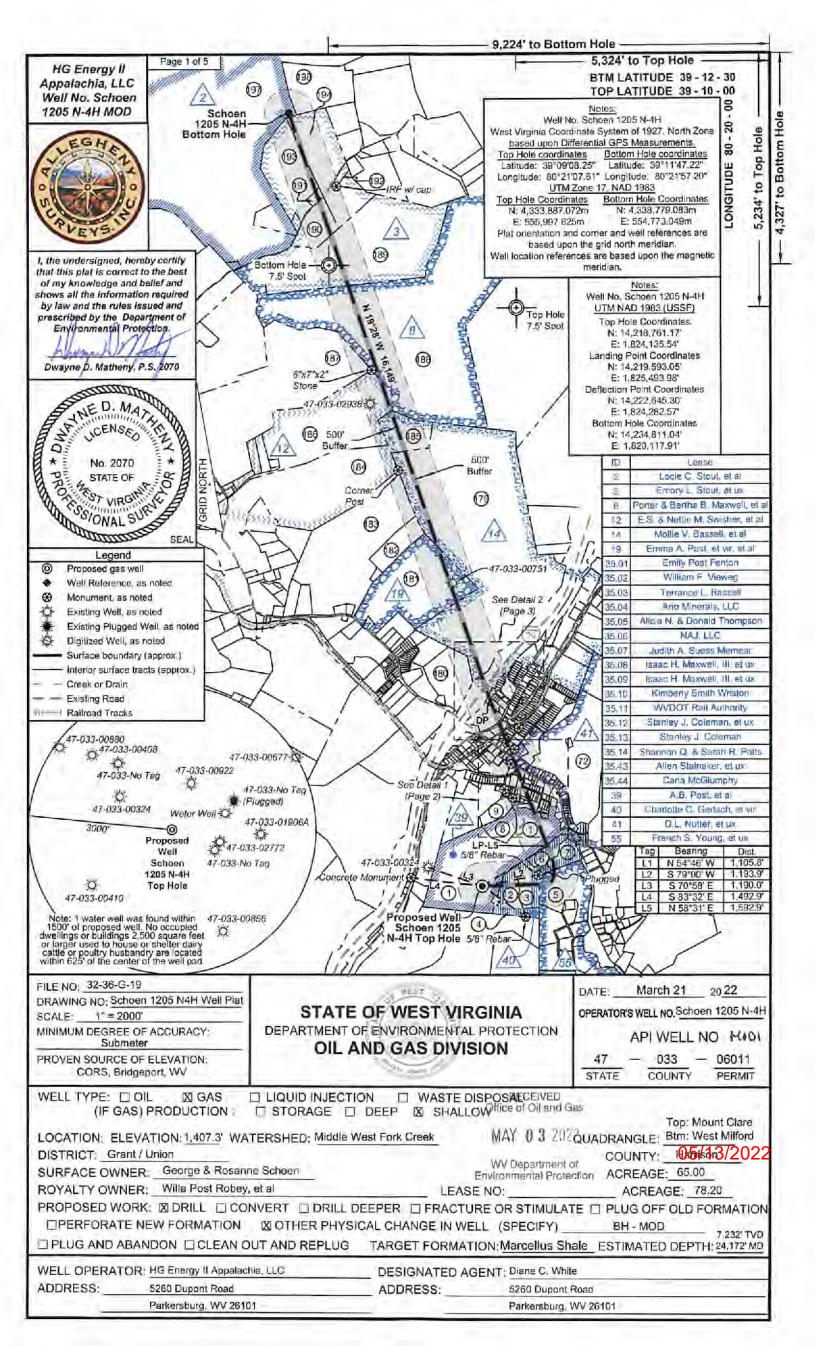
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WV Department of Environmental Protection

*Note: Attach additional sheets as needed.

1407.3 1206 N-4H SHL 1206 N-4H SHL 1407.81 1407.81 1407.81 1407.81 1407.81 1407.81 1206 N-4H SHL 1407.81 1407.81 1407.81 1407.81 1206 N-4H SHL 1407.81 1407.81 1206 N-4H SHL 1407.81 1407.81 1206 N-4H SHL 1407.81	1205 N-4H SHL			H						1205 N-4H		4703306011
1205 N-4H SHL	1205 N-4H SHL			ENERGY						Marcellus Sha Harrison C	ale Horizontal ounty, WV	
1407.3 1407.3 1205 N-4H BHL 1407.8149 1407.8149 1405 N-4H BHL 1407.8149 14	1407.3						1205 N	-4H SH		14	1218761.17N 18241	35.54E
Acres	AZTH 338.442 341.116° TOPE BASE MUD CEMENT CENTRALIZERS	3round Elevation		1407.	3.	Ì	12051	N-4H LP		14	1219593.05N 18254	93.98E
1200 RE DAGRAM HOLE	Hole CASING GEOLOGY TOP GASE MUD CEMENT CENTRALIZERS	Azm	6,	338.442 / 34	41.116°		1205 N	-4H BH		14	1234811.04N 18201	17.91E
24° \$	17.5° 2.20° 2.64° 2.45° 2.64	VELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	TOP	BASE	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
13-36 648 1-35 13-36 649 1-35 13-36	17.55			30" 157.5# LS	Conductor	0		AIR	N/A, Casing to be drilled in w/ Dual Rotary Rig	N/A	Ensure the hole is clean at TD.	Conductor casing = 0.5" wall thickness
12.25	17.5				Fresh Water	0	135, 480, 640, 728		15.6 ppg PNE-1 + 3%		Once casing is at setting death circulate a minimum	Surface casino = 0.438" wall
17.5 1.5.2 @ Carbon Stray C	17.5° 13-30° 684		24"	20" 94# J-55	Coal	730	736	A.R.	bwoc CaCl 40% Excess	Centralized every 3 joints to surface	of one hole volume with	
17.5 13.28 684 Utiladig Une 1457 1510 1482 1556 1800 1 1900 140	17.5° 15.21e* 65st UtilideBig Lime	×			Surface / FW	0	1200 .		Yield=1.20 / CTS		pumping cement.	ied of Spening
17.5 13.28	13-36# GB# Little-lig Lime 1467 / 1510 1462.1 1556 1462 / 1556 / 1566								Lead, 15.4 ppg PNE-1 +	Bow Spring on every	Once casing is at setting	
1.25° 1.56 1.63° 1.80°	1.2.2c			13-3/8" 68#	Little/Big Lime	1467 / 1510	1482 / 1556	AIR / KCL	2.5% bwoc CaCl 40% Excess / Tail; 15.9	joint	condition at TD. Circulate a	Interme
12.22 12.22 12.23 12.24 12.25 12.2	The control of the		17.5	J-55 BTC	Injun / Gantz (Storage)	1565 / 1900	1590 / 1970	Salt	ppg PNE-1 + 2.5% bwac	Will also be running ACP for isolating	minimum of one hale	
Fifty/Thirty-Foot 1983/21212 2083/2144 Fifty/Thirty-Foot 1983/21212 2083/2144 Fifty/Thirty-Foot 1983/21212 2083/2144 Fifty/Thirty-Foot 1983/21212 2083/21214 Fifty/Thirty-Foot 1983/21212 2083/21214 Fifty/Thirty-Foot 1983/21212 2083/21214 Fifty/Thirty-Foot 1983/21214 Fifty/Foot 1983	12.25				Intermediate 1	0	2100 -		zero% Excess. CTS	storage zone"	volume prior to pumping cement.	
12.25° 12.5° 12.5° 14.	12.25" 12.25" 12.55 17	×			Fifty / Thirty Foot	1993 / 2112	2093 / 2147		Lead: 15.4 ppg PNE-1 +		Once casing is at setting	
12.25 9-5/87-40# 5th Sand 2440 2488 5ah Aphi Reass Tell 15.9 Joinst tier every filtred to the following must at 10.	12.25" 9-5/8" 4.0# 5th Sand 2440 2488 Self Polymer 12.25" 1-55 BTC Warren 2855 2880 Polymer 22.5% bwoc Joint to the revery that Number 12.2% bwoc Speechley 3028 3162 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 3162 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 3162 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 3162 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 3162 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 3162 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 Scross / Tail: 15.9 Joint to the curve in surface Speechley 3028 Scross / Tail: 14.5 ppg Scross / Tail: Tail: 14.5 ppg Scross / Tai				Sordon Stray / Gordon	2195 / 2250	2250 / 2310	AIR / KCL	2.5% bwoc CaCl	Bow Spring on first 2	depth. Circulate and	Intermediate casing = 0.395"
X Warren 2855 2860 Poymet Caciny Excess. CTS Run 1 spiral controllizer Pounding cement. X Specified 3028 3162 508M 4455 508M Pool Process. CTS Run 1 spiral controllizer Pounding cement. X Benson 4420 4455 508M Pool Process. CTS Run 1 spiral controllizer Pool Process. CTS Pool Proces	X Warren 2855 2860 Folymer CaCI surface X Speechley 3028 3182 Spero% Excess, CTS Run 1 spiral controlling X Speechley 3028 3182 Spops Lead; 145 ppg Run 1 spiral controlling Benson 4420 4455 SOBM Lead; 145 ppg Run 1 spiral controlling Cashaqua 5872 6549 6740 Lead; 145 ppg surface. Cashaqua 6549 6740 Addilance. EP13L + 0.3% bwoc. Addilance. Cashaqua 6549 6740 115 ppg Addilance. Addilance. X 23# Wast River 6970 7003 12.5ppg Addilance. X Burkett 7003 7048 7149 Addilance. Addilance. X Marcellus 7214 7349 7244 Addilance. Addilance. X Marcellus 7214 7349 Addilance. Addilance. X Addilance. </td <td></td> <td>12.25"</td> <td>9-5/8" 40# J-55 BTC</td> <td>5th Sand</td> <td>2440</td> <td>2468</td> <td>Salt</td> <td>40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwgc</td> <td>joints then every third joint to 100' form</td> <td>condition mud at 1D. Circulate a minimum of one</td> <td>_</td>		12.25"	9-5/8" 40# J-55 BTC	5th Sand	2440	2468	Salt	40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwgc	joints then every third joint to 100' form	condition mud at 1D. Circulate a minimum of one	_
Speechley 3028 3162 5.0pp Lead; 14.5 ppg Lead; 14.5 ppg Lead; 14.5 ppg Lead; 14.5 ppg S.Y. Curve CDC H7Q Middlesex Middles	Strain				Warren	2835	2860	Polymer	CaCl	surface	hole volume prior to	_
Specified Specified 3342 3387 9.0pg Lead: 14.5 ppg Procession Proce	Speechley 3028 3182 3367 Solem Enaction 4420 4455 Solem Enaction Enaction Enaction Enaction Enaction 4420 4455 Solem Enaction E				Intermediate 2	0	2950		zero% Excess, CTS		pumping cement.	Envi
Sand	S.75" Vertical Benson 4420 4455 SOBM Lead: 14.5 ppg Lead: 14	×			Speechley	3028	3152			O Control of the Cont		MA'
Secondaria Benson 4420 4456 SOBM Lead: 145 ppg Surface. PoZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc R3 + 10.7% bwoc R3 +	Second		o training of		Bradford	3342	3357	9.0009		every 5 joints from the		REC e af Y (Dep mer
Sample S	X		o concernica		Benson	4420	4455	SOBM	Lead: 14.5 ppg POZ:PNE-1 + 0.3%	top of the curve to surface.		Oil ai Oil ai artme
Section	8.5" Curve P-110 HP West River 6740 6670 11.5pgg				Rhinestreet	5872	6549		bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk		Once on bottom/TD with	ED and Ga 2022 ent of rotect
S.5" Curve P-110 HP West River 6870 7003 11.5ppg 0.35% twon R3 + 0.75 12.5ppg gal/sk FP131 + 50% Run 1 spiral centralizer sector CDC HTQ Burkett 7003 7048 7149 7214 7315 Run 1 spiral centralizer Ru	## S.S. Curve P-110 HP West River 6870 7003 12.5pg gallsk FP.13L + 50% bwoc R3 + 0.75 B.S. Curve P-110 HP West River 6870 7003 12.5pg gallsk FP.13L + 50% bwoc R3 + 0.75 Burkett 7003 7048 7149 bwoc ASCA1 + 0.5% bwoc R3 + 0.75 Tully Limestone 7048 7149 bwoc ASCA1 + 0.5% bwoc R3 + 0.75 Hamilton 7149 7214 7315	2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Cashaqua	6549	6740		FP13L + 0.3% bwoc MPA170		allowable pump rate for at	- 100
8.5" Curve P-10HP West River 6870 7003 12.5ppg galkx FP10L3 Fundation For Fully Limestone 7048 7149 Talf Fundation 7149 7214 Talf Fundation 7149 7214 Talf Fundation 7149 7214 Talf Fundation 60 Fundation 7315 Fundatio	8.5" Curve P-10 HP West River 6870 7003 12.5pg gals R FP13 L + 50% Excess CDC HTQ Burkett 7003 7048 SOBM bwocASCA1 + 0.5% Excess 1st 5.5" long joint to the Tully Limestone 7048 7149 7214 7315 Lead Yield=1.94 CTS X X X X X X X X X X X X X X X X X X X	×		5-1/2"	Middlesex	6740	6870	11 Fring.	Tail: 14.8 ppg PNE-1 +		least 2x bottoms up, or unti	
SOBM Device ASCA1 + 0.5% Run 1 spiral centralizer SOBM Device ASCA1 + 0.6% Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer Run 1 spiral centralizer SoBM Device ASCA1 + 0.6% Run 1 spiral centralizer	CDC HTQ Burkett 7003 7048 bwoc ASCA1 + 0.5% Run 1 spiral centralizer	7.00	8.5" Curve	P-110 HP	West River	6870	7003	12.5ppg	gal/sk FP13L + 50%		pressures indicate the hole	_
Tully Limestone 7048 7149 20% Excess 1st 5.5" long ginnt to the volume prior to pumping Lead Yield=1.19 Lop of the curve. Lead Yield=1.19 Lop of the curve. Log of the	Tully Limestone 7048 7149 20% Excess 1st 5.7 long joint to the Hamilton 7149 7214 Tail Yield=1.94 top of the curve.			CDC HTQ	Burkett	7003	7048	SOBM	bwoc ASCA1 + 0.5%	Run 1 spiral centralizer		schedules may be changed due to hole conditions
Hamilton 7149 7214 Lead Yield=119 top of the curve. Hamilton 7214 7315 Tail Yield=194 Tail Yield=194 Tail Yield=194 Tail Yield=194 TMD / TVD 24172 7240 12.5ppg SOBM	Hamilton				Tully Limestone	7048	7149		20% Excess	1st 5.5" long joint to the		
Marcellus 7214 7315 11.5ppg- 8.5" Lateral (Production) 24172 7240 12.5ppg SOBM SOBM X X X X X X X X X	Marcellus 7214 7315 CTS TMD / TVD Z4172 7240 12.5ppg SOBM X X X X X X X X X	100000			Hamilton	7149	7214		Lead Yield=1.19 Tail Yield=1.94	top of the curve.	dement.	
X X TWD / TVD 24172 7240 (Production) 24172 7240 X	8.5" Lateral TMD / TVD 24172 7240 12.5ppg 12.5ppg SOBM S	<u> </u>			Marcellus	7214	7315	7	CTS			
X X	X X X	5/1	8.5" Lateral		TMD / TVD (Production)	24172	7240	12.5ppg				
	A	× 3/2			Onondaga	7315		1000				
2.5 Total - Vel 1 VD / 50/25	CHI COC CIT CIT CIT CIT CIT CIT CIT CIT CIT CI	P1 P2 P3	CW			TOPP O ROO HOLV	CHICACO				TO IS POSSESSED IN	TAX POTA LA CO.

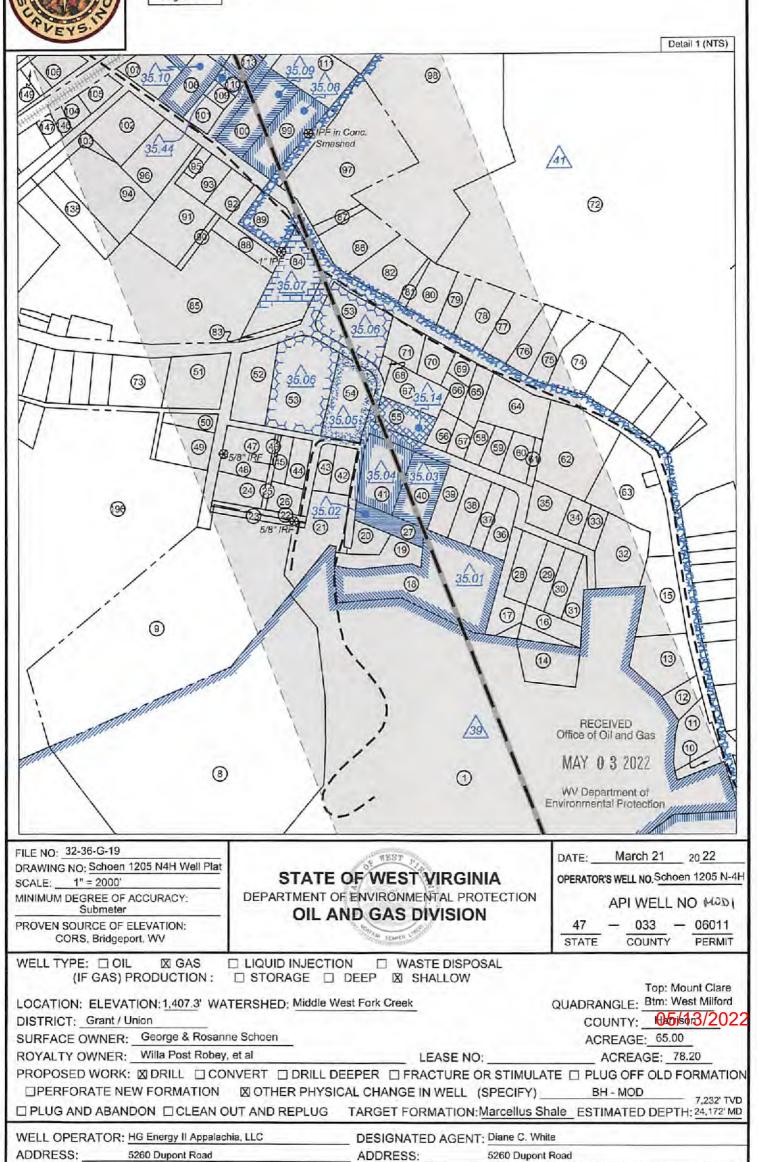
X=gentralizers





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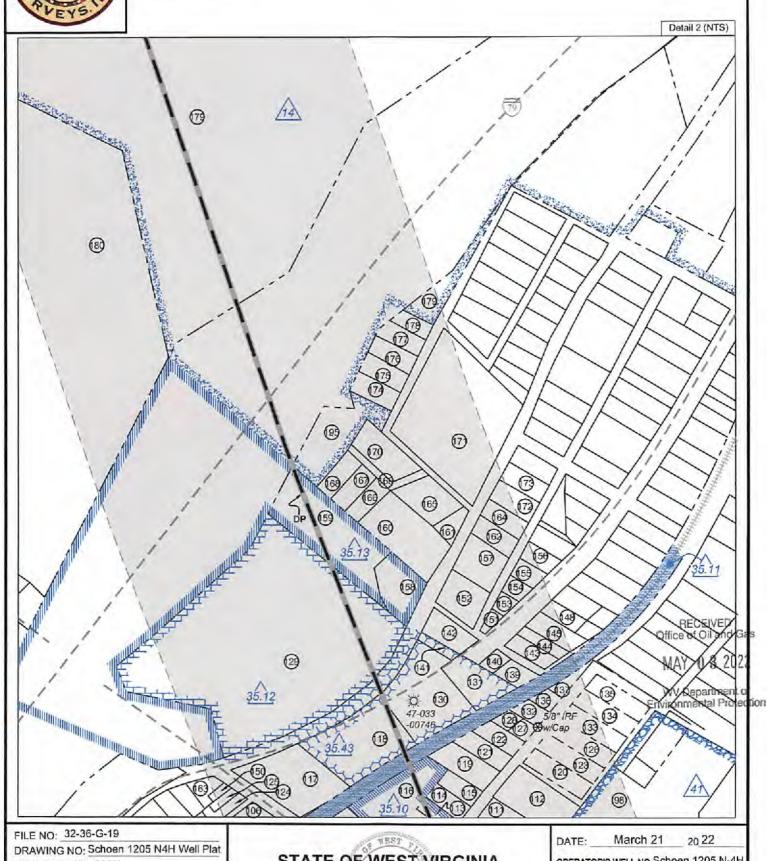
Parkersburg, WV 26101



Parkersburg, WV 26101



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1" = 2000' SCALE: MINIMUM DEGREE OF ACCURACY: Submeter PROVEN SOURCE OF ELEVATION:

CORS, Bridgeport, WV

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION

OPERATOR'S WELL NO. Schoen 1205 N-4H API WELL NO MODI 47 033 06011

COUNTY

PERMIT

Top: Mount Clare

WELL TYPE: □ OIL (IF GAS) P		IQUID INJECTION [STORAGE DEEP	☐ WASTE DISPOSAL ☑ SHALLOW
LOCATION: ELEVATIONSTRICT: Grant / U		SHED: Middle West Fork	Creek
SURFACE OWNER:	George & Rosanne S	choen	
ROYALTY OWNER:	Willa Post Robey, et a		LEASE NO:
PROPOSED WORK:	☑ DRILL ☐ CONVE	RT DRILL DEEPER	☐ FRACTURE OR STIMU

QUADRANGLE: Btm: West Milford COUNTY: 105/3/202 ACREAGE: 65.00

ROYALTY OWNER: _	Willa Post	Robey, et a			LEASE N	O:	ACREAGE	E: 78.20
PROPOSED WORK:	X DRILL	□ CONVE	RT DRILL	DEEPER	☐ FRACTURE	OR STIMULATE	☐ PLUG OFF O	LD FORMATION
□PERFORATE NEV	V FORMA	TION IX	OTHER PHYS	SICAL CHA	ANGE IN WELL	(SPECIFY)	BH - MOD	7.232' TVD
☐ PLUG AND ABAND	ON CL	EAN OUT	AND REPLUG	TARG	ET FORMATION	:Marcellus Shale	ESTIMATED D	EPTH: 24,172' MD

STATE

WELL OPERAT	OR: HG Energy II Appalachia, LLC	DESIGNATED AC	BENT: Diane C. White	
ADDRESS:	5260 Dupont Road	ADDRESS:	5260 Dupont Road	
	Parkersburg, WV 26101		Parkersburg, WV 26101	



1200

Fad

North

HG Energy II Appalachia, LLC Well No. Schoen 1205 N-4H MOD

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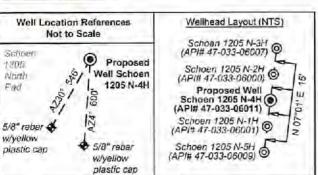
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MAY 0 3 2022

No. TM / Par

41 2105 / 97

WV Department of Environmental Protection



No.	TM / Par	Owner	Bk / Pg	Ac.
1	447/2	George & Roseanne Schoen	1148 / 1059	65.00
2	447/3	George & Roseanne Schoen	1253 / 302	10.06
3	447 / 3.4	Stephen M. & Kimberly Goff	1257 / 189	7.67
4	447 / 3.5	Charlotte Gerlach	1288 / 503	1,35
5	447 / 4.11	Joseph & Karen Bowers	1295 / 887	21.87
6	447 / 3.3	Charlotte C. Gerlach	1070 / 1041	6.10
7	447 / 3.2	Michael Tillman & Mary Hencke	1257 / 193	5.86
8	447/1	Dale H. Jordan	1437 / 672	6.70
9	427 / 32	Dale Jordan	1437 / 672	4.85
10	2105 / 123	Helen J, Vernon	W189 / 882	0.06
11	2105 / 115	Eugebe R. & Sharron L. Smith	1039 / 160	0.18
12	2105 / 114	Eugene R. & Sharon L. Smith	1039 / 160	0.27
13	2105/113	Roberts A. & Ruby A. Marks	1251 / 504	0.39
14	2105 / 111	Robert M. & Connie J. Lewis	1518 / 814	0.45
15	2105 / 40	Robert A. & Ruby A. Marks	1251 / 504	0.52
16	2105 / 110	Herman Suttle, et al	1345 / 1030	0,21
17	2105 / 105	Ronald Maxwell	1580 / 1187	
18	2105 / 93	Joshua Burner & Nicole Hebb	1417 / 1075	1.39
19	2105/84	Joshua & Nicole Burner	1460 / 692	0.11
20	2105 / 95	Joseph Swick	1460 / 694	0.17
21	2105/89	James Frank Roby, et al	1491 / 941	0.50
22	2105 / 127	Dale Jordan	1626 / 1024	0.07
23	2105 / 128	Dale Jordan	1505 / 430	0.07
24	2105 / 82	Dale Jordan	1626 / 1024	0.11
25	2105 / 126	Dale Jordan	1626 / 1024	0.05
26	2105 / 83	Dale Jordan	1626 / 1024	0.15
27	2105/96	David B. & Thresa G. Davis	1263 / 196	0.20
28	2105 / 106	Ronald Maxwell	1580 / 1167	0.26
29	2105 / 107	Ronald Maxwell	1580 / 1167	0.20
30	2105 / 108	Ronald Maxwell	1580 / 1167	0.20
31	2105 / 109	Herman Suttle, et al	1345 / 1030	0.14
32	2105/39	Carol S. Bennett	1382 / 250	0.54
33	2105 / 38	Carol S. Bennett	1382 / 250	0.13
34	2105 / 37	Carol S. Bennett	1382 / 250	0.14
35	2105 / 35	Benjamin S. Yoke, et al	1544 / 1241	0.26
36	2105 / 104	Joshua R. & Stephanie L. Stalder	1525 / 989	0.23
37	2105 / 103	Joshua R. & Slephanie L. Stalder	1525 / 989	0.20
38	2105 / 102	Joshua R. & Stephanie L. Stalder	1525 / 989	0.20
39	2105 / 101	Joshua R. & Stephanie L. Stalder	1525 / 989	0.20
40	2105 / 100	Jeffrey A. Bassell, et al	W190 / 188	0.40

41	2105 / 97	Traci I. Tharp	1560 / 188	0.44
42	2105 / 87	David G. & Mary E. Short	1328 / 845	0.14
43	2105 / 86	David G. & Mary E. Short	1328 / 845	0.13
44	2105 / 85	Dale Jordan	1626 / 1024	0.11
45	2105 / 84	Dale Jordan	1626 / 1024	0.11
46	2105 / 125	Kenny J. & Randi E. Welch	1633 /1 47	0.01
_	2105 / 78	Kenny J. & Randi E. Welch	1633 / 147	0.22
_	2105 / 80	Dale Jordan	1626 / 1024	0.11
_	2104 / 103	Daniel L. & Carla Ann Toothman	1436 / 151	0.32
_	2104 / 101	Willis Gene Kennedy	1412 / 590	0.14
_	2104/98	Willis Gene Kennedy	1412 / 590	0.54
52		Charles M. & Joyce L. Hall	1364 / 280	0.40
53	2105 / 13	NAJ, LLC	1614 / 281	1.38
54	2105 / 13.1	Rodney K. Cooper, Sr., et al	W198 / 852	0.53
55	2105/28	Rebecca D. Stafford	1462 / 259	0.28
56	2105 / 29	Jeffrey A. Bassell, et al	W190 / 188	0.13
_	2105 / 30	Jeffrey A. Bassell, et al	W190 / 188	0.11
57		William B. & Amy M. Messenger	1324 / 983	0.13
58	2105 / 31			
59	2105 / 32	William B. & Amy M. Messenger	1324 / 983	0.13
60	2105 / 33	Tracey R. Beall	1344 / 1213	0.19
61	2105 / 34	Tracey R. Beall	1344 / 1213	0,06
62	2105 / 18	Tracey R. Beall	1344 / 1213	0.80
63	2105 / 19	Town of Lost Creek	1110 / 480	1.01
64	2105 / 17	Town of Lost Creek	1110 / 505	
65	2105 / 16.1	Lisa K, Maxwell	1515 / 823	0.19
66	2105 / 16	Ruth A. Backwell	1655 / 1214	0.25
67	2105 / 27	Shannon Q & Srah R. Pitts	1333 / 203	0,38
68	2105 / 26	Shannon Q. & Sarah R. Pitts	1333 / 203	
69	2105 / 16.2	Town of Lost Creek	1400 / 1227	0.25
70	2105 / 15	Town of Lost Creek	1110 / 473	
71	2105 / 14	David A. & Linda J. Fultner	1487 / 325	0.18
72	427 / 33	Isaac & Betty Maxwell	1539 / 141	72.00
73	2104 / 96	Virginia May Harding	1054 / 1006	0.35
74	2105/6	Jimmie Langford Groves	1315 / 47	0.38
75	2105/5	Pamela & Stacy Ash Dutton	1388 / 865	0.33
76	2105/4	Sherman Riffle	1438 / 1331	0.27
77	2105/2	Sherman Riffle	1438 / 1331	0.71
78	2105 / 2.2	Gary Jones	1506 / 332	0.25
79	2105 / 2.1	Gary Jones	1506 / 332	0.17
08	2105 / 1	Gary Jones	1506 / 332	0.63
81	2103 / 176.2	Gary Jones	1506 / 332	0.05
82	2103 / 176.1	Patricia Booth	1301 / 834	0.46
83	2104 / 29.1	Walter Nutter	W154/30	iren.
84	2104 / 29	Keth E, Linger	1558 / 577	0.72
85	2104 / 39	Lost Creek UMC	1327 / 242	3.39
86	2103 / 176	Daniel T. & Lisa Booth	1311 / 899	0.43
87	2103 / 175	Daniel T, & Lisa Booth	1311 / 899	
88	2104 / 28	Lisa I. Wageman	1239 / 457	0.06
89	2104/12	Parsons Ridge, LLC	1358 / 569	0.31
90	2104 / 27	Lost Creek UMC	786 / 520	-
91		Trustees MP Church	144 / 447	_
92	2104 / 11	Lisa Wageman	1239 / 457	0.18
93	2104 / 10	George W. Dawson	1418/331	0.19
94	2104 / 25	Lost Creek UMC	1327 / 159	0.55
95	2104/9	Southern Area Library Inc.	1149 / 42	0.05
96		Sharon Carol Smith	1286 / 730	0.44
96		Belty Jean Maxwell	_	
_	2103 / 174	Betty Jean Maxwell	1315 / 502	1.50
98	2103 / 162		1315 / 502	4.20
99	2103 / 173	Issac & Betty Maxwell	1327 / 238	0.58
100	2103 / 172	Issac & Belty Maxwell	1428 / 684	0.50

Traci I. Tharp

Bk / Pg

1560 / 188

FILE NO: 32-36-G-19 DRAWING NO: Schoen 1205 N4H Well Plat 1" = 2000" SCALE: MINIMUM DEGREE OF ACCURACY: Submeter PROVEN SOURCE OF ELEVATION:

CORS, Bridgeport, WV

DISTRICT: Grant / Union

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION

March 21 20 22 OPERATOR'S WELL NO. Schoen 1205 N-4H

API WELL NO MEDI

033 -47 - 06011 STATE COUNTY PERMIT

WELL TYPE: □ OIL X GAS	☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION	: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1,407.3	WATERSHED: Middle West Fork Creek

Top: Mount Clare QUADRANGLE: Btm: West Milford COUNTY: 105/43/2022

ACREAGE: 65.00

SURFACE OWNER: George & Rosanne Schoen ROYALTY OWNER: Willa Post Robey, et al LEASE NO: _ ACREAGE: 78.20

PROPOSED WORK: ☑ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION □PERFORATE NEW FORMATION ☑ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ____ BH - MOD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH; 24.172° MD

	and the first that the state of		22 TO 10 TO	3.5173
WELL OPERAT	OR: HG Energy II Appalachia, LLC	DESIGNATED AC	GENT: Diane C. White	
ADDRESS:	5260 Dupont Road	ADDRESS:	5260 Dupont Road	
	Parkersburg, WV 26101		Parkersburg, WV 28101	



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RECEIVED Office of Oil and Gas

MAY 0 3 2022

WV Department of Environmental Protection

No.	TM / Par	Owner	Bk / Pg	Ac.
101	2103/171.1	Dennis W. & Rose M. Chamberlain	1491 / 105	0.16
102	2104/7	Harrison County Bank	1064 / 1081	0.46
103	2104/25.1	Harrison County Bank	1067 / 224	0.13
104	2104/21	Associated Pharmacists	1362 / 948	0.10
105	2104/6	Town of Lost Creek	1398 / 283	-
106	2104/5	Sue Bennett	1132 / 132	0.29
107	2103 / 169	Chamberlain Brothers, Inc.	1206 / 1228	0.24
108	2103 / 170 1	Kimberly & Sharon Wriston	W83 / 97	0.29
	2103 / 171	Carla McGlumphy	1398 / 55	0.09
-	2103 / 164	Carla McGlumphy	1398/55	0.06
111	2103 / 167	Timothy Maxwell	1541 / 298	0.50
112	2103 / 161	Calhy D. Bennett	F115 / 887	0.51
_	2103 / 164.1	Kimberly P. Smith, et al	1064 / 787	0.17
	2103 / 165	Cathy D. Bennett	F115 / 867	0.12
-	2103 / 166	Cathy D. Bennett	F115 / 867	0.12
-	2103 / 170	Kimberly Wriston, et al	W87/97	0.54
_	2103 / 168	Chamberlain Brothers Inc.	1206 / 1228	0.75
	2103 / 163	Chamberiain Brothers inc.	1206 / 1228	0.79
	2103 / 152	Cathy D. Bennett	F115 / 867	0.26
	2103 / 160	Amanda Nutter	1437 / 204	0.21
	2103 / 153	Jerry A. Hebb, et al	1307 / 78	0.16
1	2103 / 154	Barbara Jo Butcher	1446 / 539	0.13
-	2103 / 159	Brian Riffle	1507 / 119	0.20
_	2104/4	Carol S. Bennett	1582 / 290	0.07
125		Town of Lost Creek	1110 / 493	-
	2103 / 158	Sharon L Smith, et al	F96 / 94	0.20
	2103 / 155.1	Barbara Jo Butcher	1446 / 539	0.06
_	2103 / 155	Sharon L Smith, et al	F95 / 94	***
129		Stanley & Marilyn Coleman	1236 / 37	5.57
_	2103 / 150	Darrell W. & Kathryn Goldsmith	1314/124	1.01
7.000	2103 / 150.1	John & Beth Elko	1358 / 606	0.31
_	2103 / 156	Mark Alen Duty	1581 / 305	0.05
_	2103 / 147	Sharon Smith, et al	F96/94	0.20
_	2103 / 133	Sharon Smith, et al	F96 / 94	0.19
10.7/10	2103 / 134	Kathryn Lynn Goldsmith, et al	1630 / 492	0.19
_	2103 / 146	Joshua Cogar, et al	W174 / 683	0.04
_	2103 / 132	Joshua Cogar, et al	W174 / 683	-
	2104 / 39.1	Lost Creek UMC	1327 / 159	0.31
	2103 / 145	Joshua Cogar	W174 / 683	0,11
_	2103 / 144	Joshua T. Cogar	1476 / 90	0.07
_	2103 / 149.1	Erika Langford & Aimee Ziemann	1597 / 972	0.07
_	2103 / 143	Erika Langford & Almee Ziemann	1597 / 972	U.16
	2103 / 131	Joshua Cogar	1476 / 90	0.13
_	2103 / 130	Joshua Cogar	W174 / 683	0.13
_	2103 / 129	Joshua Cogar	W174 / 683	0.19
_	2104/22	Associated Pharmacists	1362 / 948	0.04
147		Associated Pharmacists	1362 / 948	0.07
-	2103 / 127	David & Brenda Cogar	1516 / 166	0.13
149	The second second	Susan Randall, et al	W111 / 841	0.07
150		Denny W. Chamberlain	1436 / 1170	0.03

-			I was a l	-
No.	TM / Par	Owner	Bk / Pg	Ac.
_	2103 / 121	David N. Daugherty	1499 / 649	0.03
_	2103 / 120	David N. Daugherty	1367 / 808	0.30
_	2103 / 122	David N. Daugherty	1499 / 649	0.05
-	2103 / 123	Randall B. Burrows, Jr.	1549 / 737	0.07
155	2103 / 124	Susan E. Desjardins	1664 / 73	80.0
156	2103 / 111	Susan E. Desjardins	1664 / 73	0.11
157	2103 / 119	David N. Daugherty	1423 / 404	0.30
158	427 / 26,1	Everett & Richard Casto	1390 / 822	0.34
159	427 / 26.3	Harold & Wilford Vanhorn	1230 / 301	1.03
	2103 / 118	Judith Vanhom	1428 / 1118	0.60
161	2103 / 109.1	Betty & Emerson Vanhorn	1601 / 43	0.10
162	2103 / 110	Borad of Education	376 / 483	0.14
163	2104/1	Danny W. Chamberlain	1436/1170	0.13
164	2103 / 101	Board of Education	376 / 483	0.14
165	2103 / 108	Emerson & Betty Vanhom	1601/43	0.32
166	2103 / 117	David A. & Vanessa L. Fisher	1083 / 778	0.14
	2103/116	David A. & Vanessa L. Fisher	1083 / 778	0.14
168	2103 / 115	David A. & Vanessa L. Fisher	1083 / 778	0.14
_	2103 / 178	David & Vanessa Fisher	1108 / 565	0.12
_	2103 / 106	David A. & Vanessa L. Fisher	1083 / 778	0.31
-	2103 / 77	Board of Education	240 / 114	1,90
-	2103 / 95	Steve & Gwen Lake	1268 / 659	0.15
_	2103 / 90	Rhonda Martin	1551 / 277	0.14
	2103/89	Board of Education	593 / 315	0.13
	2103/83	Board of Education	593 / 315	0.13
_	2103 / 76	Board of Education	593 / 315	0.13
177	2103 / 69	Board of Education	593 / 315	0.13
178	2103 / 62	Board of Education	593 / 315	0.13
179	427 / 1	Walter E. Nutter & David H. Nutter	W154 / 301	228.23
180	426 / 62	Dorothy Dawson	W148 / 1062	16.13
181	426 / 36	George Wesley & Amy June Dawson	1310 / 247	81,96
182	426 / 35.5	Lost Creek Salvage LLC	1503 / 933	11.53
183	426 / 35.8	Lost Creek Salvage LLC	539 / 1088	85.23
184	426 / 12	Annette J. Cobun	1496 / 38	84.79
185	406 / 48	Annette J. Cobun	1496 / 39	15.43
186	406 / 47	Annette J. Cobun	1498 / 39	72.13
187	406 / 24	Clearnece H. Ford, II & Connie Ferguson	414/352	160.49
188	406 / 25	Isaac, III & Betty Jean Maxwell	1509 / 934	255.21
189	406 / 27	James Stout	W161 / 306	43.50
190	406 / 10	Forest Haymond	350 / 96	45.00
191		Forest Haymond	1306 / 1105	32.27
192	406 / 12.1	David S. Cale, et al	1618 / 1125	1.33
193		Forest Haymond	1306 / 1105	32.27
_		Mildred Stout	1138 / 993	44.80
104	406/11		1101 / 533	13.75
194	107 / 00.0			
195		David A. & Vanessa L. Fisher Willia G. Kennedy	_	
	427 / 31	Willis G. Kennedy John L. & Mary E. Stengen	1412 / 590	18.60

FILE NO: 32-36-G-19

DRAWING NO: Schoen 1205 N4H Well Plat
SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

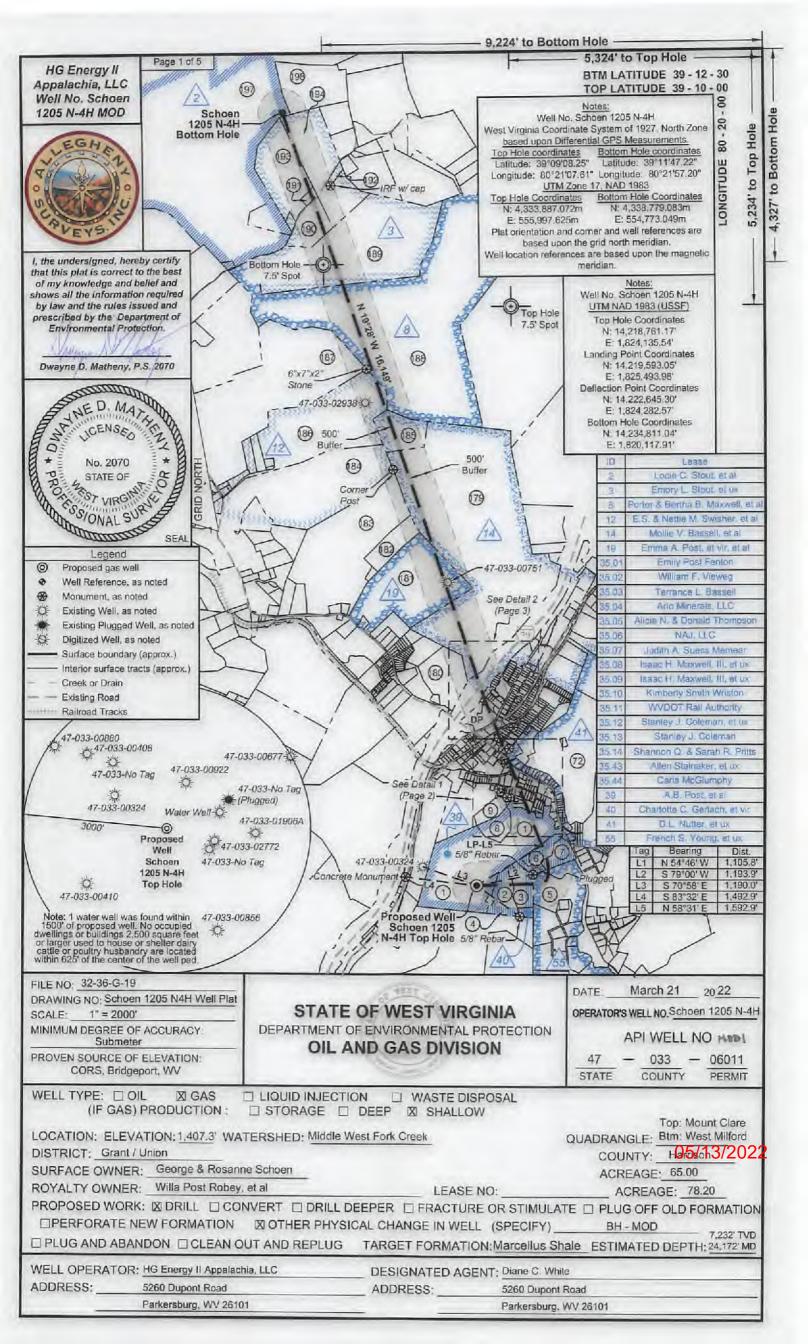
DATE: March 21 2022

OPERATOR'S WELL NO. Schoen 1205 N-4H

API WELL NO. N451

47 — 033 — 06011

CORS, Bridgeport, WV				STATE CO	JUNIT	PERMIT
WELL TYPE: ☐ OIL ☑ GAS (IF GAS) PRODUCTION	☐ LIQUID INJECTIO	ON □ WASTE DIS DEEP ☒ SHALLON				ount Clare
LOCATION: ELEVATION: 1,407.3'	WATERSHED: Middle W	est Fork Creek	Q	UADRANGLE:	_	est Milford
DISTRICT: Grant / Union				COUNTY:	<u> </u>	₱ <u>8/2</u> 022
SURFACE OWNER: George & Ro				ACREAG	E: 65.00	1
ROYALTY OWNER: Willa Post Ro	bey, et al	LEASE	NO:	ACREA	AGE: 7	8.20_
PROPOSED WORK: ☑ DRILL ☐ ☐ PERFORATE NEW FORMATION	12.0~~ ^ 12.00 = 1.00 - 12.00 = 10.00 = 1.00 = 1.00					ORMATION 7.232' TVD
☐ PLUG AND ABANDON ☐ CLEA	N OUT AND REPLUG	TARGET FORMATIO	N:Marcellus Shal	ESTIMATE	D DEPT	
WELL OPERATOR: HG Energy II App	alachia, LLC	DESIGNATED AGE	NT: Diane C. White			
ADDRESS: 5260 Dupont Roa	d	ADDRESS:	5260 Dupont Ro	ad		
Parkersburg, WV	26101		Parkersburg, W	/ 26101		





Page 2 of 5

Detail 1 (NTS) 98 0 99 BIPF in Conc. 97 (93 94 (72) 91 82 (80) 85) (78) 837 74 (51) (52) 73 (53) 64) (50) 49 62 (42) 63 (41) / 40 (39) (38) (99 (34) 19 (32) (18) 15) 1 9 (13) 14 12 38 (8) 1

FILE NO: 32-36-G-19 DRAWING NO: Schoen 1205 N4H Well Plat 1" = 2000" SCALE:

MINIMUM DEGREE OF ACCURACY: Submeter PROVEN SOURCE OF ELEVATION:

DISTRICT: Grant / Union

CORS, Bridgeport, WV

SURFACE OWNER: George & Rosanne Schoen

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION

March 21 20 22 DATE:

OPERATOR'S WELL NO. Schoen 1205 N-4H

API WELL NO MADI

PERMIT

033 06011

COUNTY

STATE

WELL TY			☑ GAS DUCTION:	□ LIQUID □ STOR				ASTE DISPOSA SHALLOW	AL.
LOCATIO	ON: E	LEVATION	1:1,407.3' W	ATERSHED	: Middle V	Vest Fork	Cree	k_	

Top: Mount Clare QUADRANGLE: Btm: West Milford COUNTY: 105/43/2022

ACREAGE: 65.00

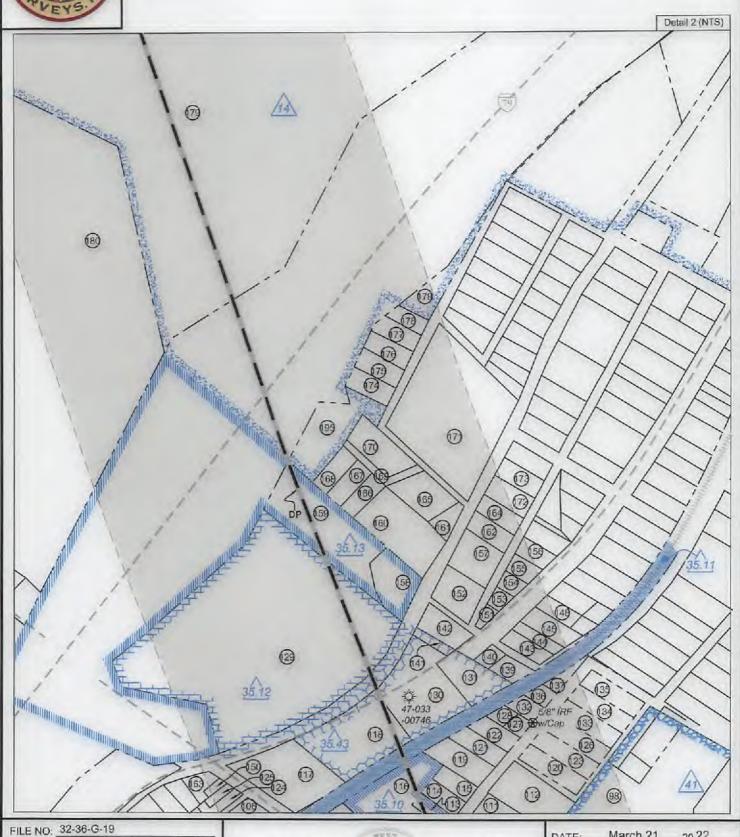
ROYALTY OWNER:	Willia F 05	Robey, et al			LEASE N	0:	ACREAG	E: 78.20
PROPOSED WORK:	☑ DRILL	☐ CONVERT	☐ DRILL DEE	PER DF	RACTURE	OR STIMULATI	E PLUG OFF	OLD FORMATION
□PERFORATE NE	W FORMA	TO NOIT	HER PHYSICA	L CHANGE	E IN WELL	(SPECIFY)	BH - MOD	7.232' TVD
		THE PARTY OF STREET						1,202 IVD

☐ PLUG AND A	BANDON CLEAN OUT AND REPLUG	TARGET FORMATION:	Marcellus Shale	ESTIMATED DEPTH: 24.172' MD
WELL OPERAT	OR: HG Energy II Appalachia, LLC	DESIGNATED AGENT	: Diane C. White	
ADDRESS:	5260 Dupont Road	ADDRESS:	5260 Dupont Road	1

5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101



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DRAWING NO: Schoen 1205 N4H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

ROYALTY OWNER: Willa Post Robey, et al

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: March 21 20 22

OPERATOR'S WELL NO. Schoen 1205 N-4H

API WELL NO MIDI

 $\frac{47}{\text{STATE}} - \frac{033}{\text{COUNTY}} - \frac{06011}{\text{PERMIT}}$

WELL TYPE: □ OIL ☒ GAS (IF GAS) PRODUCTION:	☐ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1,407.3 WA	ATERSHED: Middle West Fork Creek
SURFACE OWNER: George & Rosar	nne Schoen

Top: Mount Clare
Btm: West Milford

COUNTY: 105/43/2022

ACREAGE: 65.00

ACREAGE: 78.20

☐ PLUG OFF OLD FORMATION

PROPOSED WORK: IN DRILL	CONVERT DRILL DEEPER	☐ FRACTURE OR STIM	ULATE PLUG OFF	OLD FORMATION
□PERFORATE NEW FORMATION	N MOTHER PHYSICAL CHA	ANGE IN WELL (SPECIF	Y) BH - MOD	7 000 7 40
				7,232' TVD

LEASE NO:

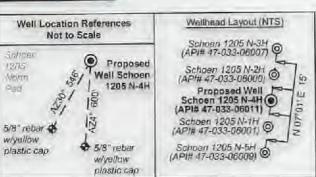
☐ PLUG AND ABAI	NDON CLEAN OUT AND REPLUG	TARGET FORMATION:	Marcellus Shale	ESTIMATED DEPTH: 24,172 MD
WELL OPERATOR	HG Energy II Appalachia. LLC	DESIGNATED AGENT	Diane C. White	
ADDRESS:	5260 Dupont Road	ADDRESS:	5260 Dupont Road	1

 5260 Dupont Road
 ADDRESS:
 5260 Dupont Road

 Parkersburg, WV 26101
 Parkersburg, WV 26101



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No.	TM / Par	Owner	Bk/Pg	Ac.
1	447/2	George & Roseanne Schoen	1148 / 1059	65.00
2	447/3	George & Roseanne Schoen	1253 / 302	10.08
3	447 / 3.4	Stephen M. & Kimberly Goff	1257 / 189	7.67
4	447 / 3.5	Charlotte Gerlach	1288 / 503	1,35
5	447 / 4.11	Joseph & Karen Bowers	1295 / 887	21.87
6	447 / 3.3	Charlotte C. Gerlach	1070 / 1041	6.10
7	447 / 3.2	Michael Tillman & Mary Hencke	1257 / 193	5.86
8	447 / 1	Dale H. Jordan	1437 / 672	6.70
9	427 / 32	Dale Jordan	1437 / 672	4.85
10	2105 / 123	Helen J. Vernan	W189 / 882	0.06
11	2105 / 115	Eugebe R. & Sharron L. Smith	1039 / 160	0.18
12	2105 / 114	Eugene R. & Sharon L. Smith	1039 / 160	0.27
13	2105 / 113	Roberts A. & Ruby A. Marks	1251 / 504	0,39
14	2105 / 111	Robert M & Connie J. Lewis	1518 / 814	0.45
15	2105 / 40	Robert A & Ruby A. Marks	1251 / 504	0.52
16	2105 / 110	Herman Suttle, et al	1345 / 1030	0.21
17	2105 / 105	Ronald Maxwell	1580 / 1167	177
18	2105 / 93	Joshua Burner & Nicole Hebb	1417 / 1075	1.39
19	2105 / 84	Joshua & Nicole Burner	1460 (692	0.11
20	2105 / 95	Joseph Swick	1460 / 894	0.17
21	2105 / 69	James Frank Roby, et al	1491 / 941	0.50
22	2105 / 127	Oale Jordan	1626 / 1024	0.07
23	2105 / 128	Dale Jordan	1505 / 430	0.07
24	2105 / 82	Dale Jordan	1626 / 1024	0.11
25	2105 / 126	Dale Jordan	1626 / 1024	0.05
26	2105 / 83	Date Jordan	1626 / 1024	0.15
27	2105 / 96	David B, & Thresa G, Davis	1263 / 196	0.20
28	2105 / 106	Ronald Maxwell	1580 / 1167	0.26
29	2105 / 107	Ronald Maxwell	1580 / 1167	0.20
30	2105 / 108	Ronald Maxwell	1580 / 1167	0.20
31	2105 / 109	Herman Suttle, et al	1345 / 1030	0.14
32	2105 / 39	Carol S. Bennetl	1382 / 250	0.54
33	2105/38	Carol S. Bennett	1382 / 250	0.13
34	2105 / 37	Carol S. Bennett	1382 / 250	0.14
35	2105 / 35	Benjamin S. Yoke, et.al	1544 / 1241	0,26
38	2105 / 104	Joshua R. & Stephanie L. Stalder	1525 / 989	0.23
37	2105 / 103	Joshua R. & Stephanie L. Stalder	1525 / 989	0.20
38	2105 / 102	Joshua R. & Stephanie L. Stalder	1525 / 989	0.20
39	2105 / 101	Joshua R. & Stephania L. Stalder	1525 / 989	0.20
40	2105 / 100	Jeffrey A. Bassell, et al	W190 / 188	0.40

No	TM / Par	Owner	Bk / Pg	Ac.
41	2105/97	Traci I. Tharp	1560 / 188	0.44
42	2105 / 87	David G. & Mary E. Short	1328 / 845	0.14
43	2105 / 86	David G. & Mary E Short	1328 / 845	0.13
44	2105 / 85	Dals Joman	1626 / 1024	0.11
45	2105 / 84	Dale Jordan	1626 / 1024	0.11
46	2105 / 125	The second section of the second	1633 /1 47	0.01
47	2105 / 78	Kenny J. & Randi E. Welch	1633 / 147	0.22
-	2105 / 80	Dale Jordan	1626 / 1024	0.11
48	2104 / 103		1436 / 151	0.32
49	100		1412 / 590	0.14
50	2104 / 101	Willis Gene Kennedy	1412 / 590	0.54
51	2104 / 98	Charles M. & Joyce L. Hall	1364 / 280	0.40
52	2105 / 24	NAJ LLC	1614 / 281	1.38
53	2105 / 13		W198 / 852	0.53
54	2105 / 13		1462 / 259	0.28
55	2105 / 28	Rebecca D. Stafford	W190 / 188	0.13
56	2105/29	Jeffrey A. Bassell, et al	A STATE OF THE PARTY OF THE PAR	0.11
57	2105/30	Jeffrey A. Bassell, et al	W190 / 188	
58	2105 / 31	William B. & Arrry M. Messenger	1324 / 983	0.13
59	2105 / 32	William B. & Amy M. Messenger	1324 / 983	0.13
60	2105/33		1344 / 1213	0.19
61	2105 / 34		1344 / 1213	0.06
62	2105 / 18		1344 / 1213	0.80
63	2105 / 19		1110 / 480	1.01
64	2105 / 17	Town of Lost Creek	1110 / 505	and the same
85	2105 / 16.	Lisa K. Maxwell	1515 / 823	0.19
66	2105 / 16	Ruth A. Backwell	1655 / 1214	0.25
87	2105 / 27	Shannon O, & Srah R. Pitts	1333 / 203	0.38
83	2105 / 26	Shannon Q. & Sarah R. Pitts	1333 / 203	-
69	2105 / 16.2	Town of Lost Creek	1400 / 1227	0,25
70	2105 / 15	Town of Lost Creek	1110 / 473	-
71	2105 / 14	David A. & Linda J. Fullner	1467 / 325	0.18
72	427 / 33	Isaac & Betty Maxwell	1539 / 141	72.00
73	2104 / 96	Virginia May Harding	1054 / 1006	0.35
74	2105/6	Jimmie Langford Groves	1315 / 47	0.38
75	2105/5	Pamela & Stacy Ash Dutton	1388 / 865	0.33
76	2105/4	Sherman Riffle	1438 / 1331	0.27
77	2105/2	Sherman Riffle	1438 / 1331	0.71
7.8	2105 / 2.2	Gary Jones	1506 / 332	0.25
79	2105 / 2.1	Gary Jones	1506 / 332	0.17
80	2105/1	Gary Jones	1506 / 332	0.63
-81	2103 / 176.2	Gary Jones	1506 / 332	0.05
82	2103 / 176	Patricia Booth	1301 / 834	0.46
83	2104 / 29.1	Walter Nutter	W154 / 30	
-	2104 / 29		1558 / 577	0.72
_	2104 / 39		1327 / 242	3.39
-	2103 / 178		1311 / 899	0.43
-	2103 / 175	- TANK TANK TANK TANK	1311 / 899	244
88			1239 / 457	0.06
89	2104 / 12	2.000.000.000	1358 / 569	0.31
90	2104/27		786 / 520	++-
91			144 / 447	-
92	The same of the		1239 / 457	0.18
93	2104 / 10		1418 / 331	0.19
94	2104 / 25		1327 / 159	0.55
95	2104/9	Southern Area Library Inc.	1149 / 42	0.05
96			1286 / 730	0.44
97	1		1315 / 502	1.50
98	2103 / 162		1315 / 502	4.20
99	-			
1	2103 / 173	TO COMPANY AND THE PARTY OF THE	1327 / 238	0.58
100	2103/172	1929C of Delly Maxwell	1428 / 684	0.50

FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 N4H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS. Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: March 21 20 22

OPERATOR'S WELL NO. Schoen 1205 N-4H

API WELL NO 1445 |

47 - 033 - 06011

Barta, Bhagapan, 117		STATE COUNTY PERMIT
WELL TYPE: ☐ OIL ☑ GAS ☐ LIQUID I (IF GAS) PRODUCTION : ☐ STORA		Top: Mount Clare
LOCATION: ELEVATION: 1,407.3' WATERSHED:	Middle West Fork Creek	QUADRANGLE: Btm: West Milford
DISTRICT: Grant / Union		COUNTY: 105/13/2022
SURFACE OWNER: George & Rosanne Schoen		ACREAGE: 65.00
ROYALTY OWNER: Willa Post Robey, et al	LEASE NO:	ACREAGE: 78.20
PROPOSED WORK: XI DRILL CONVERT	DRILL DEEPER - FRACTURE OR STIME	ULATE PLUG OFF OLD FORMATION
□PERFORATE NEW FORMATION IN OTHER	R PHYSICAL CHANGE IN WELL (SPECIFY	Y) BH - MOD 7.232' TVD
□ PLUG AND ABANDON □ CLEAN OUT AND RE	EPLUG TARGET FORMATION: Marcellus	Shale ESTIMATED DEPTH: 24.172' MD
WELL OPERATOR: HG Energy II Appalachia, LLC	DESIGNATED AGENT: Diane C.	White
ADDRESS: 5260 Dupont Road	ADDRESS: 5260 Du	pont Road
Parkersburg, WV 26101	Parkersb	ourg, WV 26101



Page 5 of 5

No.	TM / Par	Owner	Bk/Pg	Ac.
101	2103 / 171.1	Dennis W. & Rose M. Chamberlain	1491 / 105	0,16
102	2104/7	Harrison County Bank	1064 / 1081	0.46
103	2104 / 25.1	Harrison County Bank	1067 / 224	0.13
104	2104 / 21	Associated Pharmacists	1362 / 948	0.10
105	2104/6	Town of Lost Creek	1398 / 283	-
106	2104/5	Sue Bennett	1132 / 132	0.29
107	2103 / 169	Chamberlain Brothers, Inc.	1206 / 1228	0.24
108	2103 / 170 1	Kimberly & Sharon Wriston	W83 / 97	0.29
109	2103 / 171	Carla McGlumphy	1398/55	0.09
110	2103 / 164	Carla McGlumphy	1398/55	0,06
111	2103 / 167	Timothy Maxwell	1541 / 298	0.50
112	2103 / 161	Cathy D, Bennett	F115 / 867	0.51
113	2103/164.1	Kimberly P. Smith, et al.	1064 / 787	0.17
114	2103 / 165	Cathy D. Bennett	F115 / 867	0.12
115	2103 / 166	Cathy D. Bennett	F115 / 867	0.12
116	2103 / 170	Kimberly Wriston, et al	W87 / 97	0.54
117	2103 / 168	Chamberlain Brothers Inc.	1206 / 1228	0.75
118	2103 / 163	Chamberlain Brothers Inc.	1206 / 1228	0.79
-	2103 / 152	Calhy D. Bennett	F115/867	0.26
120	2103 / 160	Amanda Nutter	1437 / 204	0.21
_	2103 / 153	Jerry A. Hebb. et al	1307 / 78	0.16
122	2103 / 154	Barbara Jo Butcher	1446 / 539	0.13
123	2103 / 159	Brian Riffle	1507 / 119	0.20
124		Carol S. Bennett	1582 / 290	0.07
125		Town of Lost Creek	1110 / 493	-
126	2103 / 158	Sharon L. Smith, et al	F96/94	0.20
-	2103 / 195 1	Baroara Jo Butcher	1446 / 539	0.06
_	2103 / 155	Sharon L. Smith, et al	F96 / 94	
_	427 / 26	Stanley & Marilyn Coleman	1236 / 37	5.57
200	2103 / 150	Darrell W. & Kathryn Goldsmith	1314 / 124	1.01
	2103 / 150.1	John & Beth Elko	1358 / 606	0.31
-	2103 / 156	Mark Alen Duty	1581 / 305	0.05
-	2103 / 147	Sharon Smith, et al	F96 / 94	0.20
100000	2103 / 133	Sharon Smith, et al	F96/94	0.19
_	2103 / 134	Kathryn Lynn Goldsmith, et al	1630 / 492	0.19
PROCESS.	2103 / 146	Joshua Cogar, et al	W174 / 683	0.04
_	2103 / 132	Joshua Cogar, et al	W174 / 683	-
1000	2104/39.1	Last Greek UMC	1327 / 159	0.31
-11/2	2103 / 145	Joshua Cogar	W174 / 683	0.11
	2103 / 144	Joshua T. Cogar	1476 / 90	0.07
_	2103 / 149.1	Erika Langford & Aimee Ziemann	1597 / 972	0.07
-	2103 / 143	Erika Langford & Almee Ziemann	1597 / 972	0.16
_	2103 / 131	Joshua Cogar	1476 / 90	0.13
_	2103 / 130	Joshua Cogar	W174 / 663	0.13
_	2103 / 129	Joshua Cogar	W174 / 683	0.19
146	Control of the Contro	Associated Pharmacists	1362 / 948	0.04
147		Associated Pharmacists	1362 / 948	0.07
_	2103 / 127	David & Brenda Cogar	1516 / 166	0.13
149		Susan Randall, et al	W111/841	0.13
1780	E ILLY I KILL	Denny W. Chamberlain	14 11 1 De-1	0,07

No.	TM / Par	Owner	Bk / Pg	Ac.
-	2103 / 121	David N. Daugherty	1499 / 649	0.03
2000	2103 / 120	David N. Daugherty	1367 / 808	0.30
-	2103 / 122	David N. Daugherty	1499 / 649	0.05
10000	2103 / 123	Randall B. Burrows, Jr.	1549 / 737	0.07
110000	2103 / 124	Susan E. Desjardins	1664 / 73	0.08
-	2103 / 111	Susan E. Desjardins	1664 / 73	0.11
TOUR	2103 / 119	David N. Daugherty	1423 / 404	0.30
	427 / 26.1	Everett & Richard Casto	1390 / 822	0.34
-	427 / 26.3	Harold & Wilford Vanhorn	1230 / 301	1.03
200	2103 / 118	Judith Vanhorn	1428 / 1118	0.60
-	2103 / 109.1	Berty & Emerson Vanhorn	1601 / 43	0.10
	2103 / 110	Borad of Education	376 / 483	0.14
1112.5	2104/1	Denny W. Chamberlain	1438 / 1170	0.13
	2103 / 101	Board of Education	376 / 483	0.14
200.00	2103 / 108	Emerson & Betty Vanhorn	1601 / 43	0.32
_	2103 / 117	David A. & Variessa L. Fisher	1083 / 778	0.14
-	2103 / 116	David A. & Vanessa L. Fisher	1083 / 778	0.14
-	2103 / 115	David A. & Vanessa L. Fisher	1083 / 778	0.14
1000	2103 / 178	David & Vanessa Fisher	1108 / 565	0.12
	2103 / 108	David A. & Vanessa L. Fisher	1083 / 778	0.31
171	Part of the latest and the latest an	Board of Education	240 / 114	1.90
172		Steve & Gwen Lake	1268 / 659	0.15
173	SCAN THE STATE	Rhonda Martin	1551 / 277	0.14
174	CONTRACTOR OF THE PARTY OF THE	Board of Education	593 / 3/15	0.13
175		Board of Education	593 / 315	0.13
176	2103 / 76	Board of Education	593 / 315	0.13
177		Board of Education	593 / 315	0,13
17B	2103 / 62	Board of Education	593 / 315	0.13
179	427 / 1	Walter E Nutter & David H. Nutter	W154 / 301	228.23
180	426 / 62	Dorothy Dawson	W148 / 1062	16.13
181	426 / 36	George Wesley & Amy June Dawson	1310 / 247	61.96
-	426 / 35.5	Losl Creek Salvage LLC	1503 / 933	11.53
183		Lost Creek Salvage LLC	539 / 1088	85.23
184	426 / 12	Annette J. Cobun	1496 / 38	84.79
185	406 / 48	Annette J. Cobun	1496 / 39	15,43
186	406 / 47	Annelle J. Cabun	1496 / 39	72.13
187	406 / 24	Clearnace H. Ford II & Connie Ferguson	414/352	180.49
188		Isaac, III & Betty Jean Maxwell	1509 / 934	255.21
189	406 / 25	James Stout	W161 / 306	43.50
190	16577267	Forest Haymond	237.22	10.00
191	406 / 10 1	Forest Haymond	350 / 96	32.27
192		David S. Cale, et al	1306 / 1105 1618 / 1125	1.33
193	100000000000000000000000000000000000000	Forest Haymond	1306 / 1105	4000000
-	406 / 10.1		1138 / 993	32.27
194	406 / 11	Mildred Stout David A. & Vanessa L. Fisher	1000002000	44.80
195	427 / 26.2	Willis G. Kennedy	1101 / 533	13.75
196	427 / 31	John L. & Mary E. Stenger	1412 / 590	18.60
197	406/9	The state of the s	1580 / 205	309.00
198	386 / 125	Sherry L. Ricketts	W144 / 1014	27.69

PILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 N4H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE:	March 21	20 22
OPERATOR	R'S WELL NO, Scho	oen 1205 N-4H

API WELL NO [466]

47 — 033 — 06011

STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☑ GAS ☐ LIQUID INJECTION (IF GAS) PRODUCTION : ☐ STORAGE ☐		Top: Mount Clare
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle W	lest Fork Creek	QUADRANGLE: Btm: West Milford
DISTRICT: Grant / Union		COUNTY: 105/43/2022
SURFACE OWNER: George & Rosanne Schoen		ACREAGE: 65.00
ROYALTY OWNER: Willa Post Robey, et al	LEASE NO:	ACREAGE: 78.20
PROPOSED WORK: MIDRILL ☐ CONVERT ☐ DRILL D	EEPER FRACTURE OR STIME	LATE PLUG OFF OLD FORMATION
□PERFORATE NEW FORMATION IX OTHER PHYSIC	CAL CHANGE IN WELL (SPECIFY	/)BH - MOD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG	TARGET FORMATION: Marcellus	Shale ESTIMATED DEPTH: 24,172 MD
WELL OPERATOR: HG Energy II Appalachia, LLC	DESIGNATED AGENT: Diane C.	White
ADDRESS: 5260 Dupont Road	ADDRESS; 5260 Dup	oont Road
Parkersburg, WV 26101	Parkersb	urg. WV 26101

WW-6A1 (5/13)

Operator's Well No.	Schoen 1205 N-4H
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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 Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached Sheets

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

RECEIVED Office of Oil and Gas

MAY 0 3 2022

WV Department of Environmental Protection

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:

Accountant

Page 1 of 5

HG Energy II Appalachia, LLC - Schoen 1205 N-4H Lease Chains

MAY 0 3 2022

1205 Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	WV Department of Foundation Protection	DEED BOOK	PAGE		
						A. B. POST, WIDOWER; P. S. ROBEY AND WILLA ROBEY, EACH IN HIS OWN RIGHT AS HUSBAND AND WIFE; ELLA LOUISE MAXWELL AND ISAAC H. MAXWELL, HER HUSBAND; FRANCES AND GEORGE B. VIEWEG, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	900	2
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903			
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136			
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51			
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58			
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522			
		12-0447-0001-0000	Control of the			FIRST AMENDMENT TO MEMORANDUM OF				
/39	LC074399	12-0447-0002-0000	Q100514000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524			
		12 0447 0002 0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1		
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1575			
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	2		
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600			
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSO5			
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	5		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	13		
z 40	ANTERO-5	12.0447-0003-0000, 12-0447 0003-0002, 12-0447-0003- 0004, 12-0447-0003-0004, 12 0447-0003-0005,	0003-0002, 12-0447-0003- 004, 12-0447-0003-0004, 12-	0003- 004, 12-	JOHN H. GERLACH AND CHARLOTTE C. GERLACH JACKSON L. SMITH DBA WEST VIRGINIA ENERGIES BERRY ENERGY CONSULTANTS AND MANAGER INC. J AND J ENTERPRISES INC. EASTERN AMERICAN ENERY CORP. ENERGY COERPORATION OF AMERICA	JACKSON L SMITH DBA WEST VIRGINIA ENERGIES BERRY ENERGY CONSULTANTS AND MANAGER INC. J AND J ENTERPRISES INC. EASTERN AMERICAN ENERY CORP. ENERGY COERPORATION OF AMERICA ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE ASSIGNMENT	1108 1140 1110 1200 WVSOS 1495	1	
				ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1671			
				FRENCH S. YOUNG AND ANNA J. YOUNG	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	147	1		
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903			
		12-447-0004-0001		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	7		
		12-447-0004-0002		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51			
		12-447-0004-0003		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58			
		12-447-0004-0004			CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522			
		12-447-0004-0005 12-447-0004-0006		DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524			
2		12-447-0004-0007	1000 pt 1000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1		
55	LC004920	12-447-0004-0008	Q100923000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576			
		12-447-0004-0009		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584			
		12-447-0004-0010		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600			
		12-447-0004-0011			DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS			
		12-447-0004-0012 12-447-0004-0013		DOMINION TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601			
	1	12-447-0021-0000 12-447-0023-0000		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601			
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	LEWIS 736			

				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	17
				AND HETTIE EARP, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	780	58
	1			NUTTER, HIS WIFE; DAVID H. NUTTER; BENJAMIN L. NUTTE;, F. F. EARP				
35.1/)	HOMOTOTE	10.2103 0020 0000	1,5110 40.40	MOLLIE V. BASSEL, WIDOW; WALTER D. NUTTER AND DORA H.				
	HGII01230	13-2105-0028-0000	HGII01012	SHANNON Q. PRITTS AND SARAH R. PRITTS	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1690	56
35.13	HGII01310	13-0427-0028-0003	HGII01230	STANLEY J COLEMAN	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1694	- 55
35.12	HGII01310	13-0427-0026-0000	HGII01310	STANLEY J & MARILYN COLEMAN	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1700	4
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	129
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC.	FARMOUT AGREEMENT	1501	58
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSPORTED IN 1904	SECOND AMENDMENT TO MEMORANDUM OF	WV2U2	
		20 2200 0100 0000		NOBLE ENERGY, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	6
		13-2103-0163-0000		CNX GAS COMPANY LLC	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1584	6
35.43	LC083841	13-2103-0150-0001	Q101075000	DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	1575	9
	\$2000	13-2103-0150-0000	karaadisir.	CNX GAS COMPANY LLC	NOBLE ENERGY, INC. CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1543 1575	12
		13-2103-0149-0001		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT ASSIGNMENT	1522	17
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	3
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	7
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	2
				RIGHT AND AS HUSBAND AND WIFE	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	1008	
				ALLEN STALNAKER AND GEORGEANNA STALNAKER, EACH IN HIS OWN	Santa a Santananan Santa		A 1	
35,11	HGII01494	RAILROAD NO MAP #	HGII01494	WV DEPT OF TRANSPORTATION RAIL AUTHORITY	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1708	9
35.10	HGII01810	13-2103-0170-0000 13-2103-0170-0001 13-2103-0164-0001	HGII01810	KIMBERLY SMITH WRISTON	HG ENERGY APPALACHIA, LLC	NOT LESS THAN 1/8	1716	4
35.09	HGII01416	13-2103-0172-0000	HGI 01416	ISAAC II. WAAVEEL III G. DETTI J HAAVEEL.				
35.08	HGII01418	13-2103-0173-0000	HGII01137	ISAAC H. MAXWELL III & BETTY J MAXWELL	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1707	
	T VI SUBSTITUTE	13-2104-0035-0000	HCHM133	ISAAC H. MAXWELL III & BETTY J MAXWELL	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1707	
		13-2103-0176-0000 13-2103-0176-0001 13-2103-0176-0000 13-2103-0174-0000 13-2101-0175-0000		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1
		13-2103-0141-0000 13-2103-0148-0000 13-2103-0162-0000		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	
		13-2105-0117-0001		DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
The state of the s		13-2105-0116-0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	i)
17 11		13-2105-0046-0001 13-2105-0116-0000		CNX GAS COMPANY LLC.	NOBLE ENERGY, INC.	ASSIGNMENT	1584	1
41	LC008511	13-2105-0055-000	Q100304000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	
		13-2105-0023-0000 13-2105-0041-0000 THEU		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1
- 7		13-2105-0004-0000 THRU 13-2105-0012-0000 13-2105-0021-0000 THRU		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	
17		13-2105-0002-0002		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	
		13-2105-0002-0001		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	
		12-0427-0034-0000 13-2105-0001-0000 13-2105-0002-0000		CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	
		12-0427-0033-0000		SOUTH PENN OIL COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	ASSIGNMENT WV DEPARTMENT CONFIRMATORY DEED Environmental Pro	stection 204 903	
		12-0427-0027-0000 12-0427-0033-0000		D. L. NUTTER AND MARGARET R. NUTTER, HIS WIFE	HOPE NATURAL GAS COMPANY			
35.07	HGII01137	13-2104-0029-0000	HGII01137	I will be read to the second of the se	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	121	
35.06	HGII01824	13-2105-0013-0000	HGII01824	NAJ LLC JUDITH A. SUESS MEMEAR	HG ENERGY II AFPALACHIA, LLC	NOT LESS THAN 1/8 MAY 0 3 20	1685	
35.05	HGII01039	13-2105-0013-0001	HGII01039		IIG ENERGY II APPALACHIA, LLC			
35.04	HGII01413	13-2105-0100-0000	HGII01413	ALICIA NANETTE THOMPSON & DONALD THOMPSON	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8 Office of Oil and	1676	1
		13-2105 0100 0000	HGII01152	TERRANCE LYNN BASSELL ARIO MINERALS LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8 NOT LESS THAN 1/8 NOT LESS THAN 1/8 Office of Oil and	Gas 1707	
35,03	HGII01152		CONTRACTOR OF STREET	TERRANGE IVAIN BASSELL	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1685	
35.02 35.03	HGII01457 HGII01152	13-2105-0096-0000	HGII01457	WILLIAM FRANCIS VIEWEG	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1708	

47	0	3	3	0	6	0	1	1 Gas	2022	ant of rotection	
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e 12 LCO	12-2105 12-21 12-2105 12-21 12-2105	0001-0000 thru 05-0024-0000 00026-0000 thru 05-0037-0000 0039-0000 thru 05-0054-000		CNX GAS COMPANY LLC DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. PORTER MAXWELL AND BERTHA B. MAXWELL, HUSBAND AND WIFE; AND W. BRENT MAXWELL AND LILLIE J. MAXWELL, HUSBAND AND WIFE JOHN CHIDESTER	NOBLE ENERGY, INC. CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC JOHN C. CHIDESTER THE PHILADELPHIA COMPANY OF WEST VIRGINIA PITTSBURGH AND WEST VIRGINIA GAS COMPANY	LIMITED PARTIAL ASSIGNMENT PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT	1543 1576 1584 1600 WVSOS 1601 1621 175 UNRECORDED 236	125 942 692 581 1295 450
± 12 LCO	12-2105 12-21 12-2105 12-21 12-2105	0001-0000 thru 05-0024-0000 0026-0000 thru 05-0037-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. PORTER MAXWELL AND BERTHA B. MAXWELL, HUSBAND AND WIFE; AND W. BRENT MAXWELL AND LILLIE J. MAXWELL, HUSBAND AND WIFE	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC JOHN C. CHIDESTER	PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT NOT LESS THAN 1/8	1576 1584 1600 WVSOS 1601 1621	942 692 581 1295
e 12 LCO	12-2105 12-21 12-2105 12-21 12-2105	0001-0000 thru 05-0024-0000 0026-0000 thru 05-0037-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. PORTER MAXWELL AND BERTHA B. MAXWELL, HUSBAND AND WIFE;	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC	PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF	1576 1584 1600 WVSOS	942 692 581
e 12 LCO	12-2105 12-21 12-2105 12-21 12-2105	0001-0000 thru 05-0024-0000 0026-0000 thru 05-0037-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC	PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF	1576 1584 1600 WVSOS	942 692 581
e 12 LCO	12-2105 12-21 12-2105 12-21	0001-0000 thru 05-0024-0000 0026-0000 thru 05-0037-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC.	PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF	1576 1584 1600 WVSOS	942 692
æ 12 LCO	12-2105 12-2105	0001-0000 thru 05-0024-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC	PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE	1576 1584 1600	942
€ 12 LCO	12-2105 12-21	0001-0000 thru 05-0024-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC	PARTIAL ASSIGNMENT ASSIGNMENT ASSIGNMENT	1576 1584 1600	942
e 12 LCO	12-2105	0001-0000 thru		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT ASSIGNMENT	1576 1584	942
≥ 12 LC00	12-2105	0001-0000 thru		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT	1576	
≥ 12 LC00								
≥ 12 LC00	12.20	3 600 1 5000						1235
e 12 LCO		12-2005-0004-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY I.LC	FARMOUT AGREEMENT	1524	491
	065951	426-0012-0001	Q101110000	Control Control Control Control	Line State Committee	FIRST AMENDMENT TO MEMORANDUM OF	1000	200
		North Control of Addition		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
		26-0012-0000		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
		06-0046-0001 06-0047-0001		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
	(0)			CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
	100000000000000000000000000000000000000	12-0405-0044-0001 12-0405-0045-0001		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
	10-10 (F)(1)	05-0044-0000 05-0044-0001		SINGLE, AND ROBERT A. SWISHER, SINGLE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	952	156
	12-040 12-040	12-0406-0041-0000 12-0406-0042-0000 12-0406-0047-0001		E. S. SWISHER AND NETTIE M. SWISHER, HIS WIFE, ELLA MCKEEVER, WIDOW, MARY M. BUSH AND EARLE BUSH, HER HUSBAND, JESSIE SWISHER, A WIDOW, J. HUGH SWISHER AND ALICE SWISHER, HIS WIFE, FRANK SWISHER, SINGLE, HIS WIFE, BEULAH S. SWISHER,				
Marine Sale	12.04	00 0040 0000		DOMINION ENERGY TRANSMISSION, INC.	THE ENGINEE HAFT CONTINUES	- AND OT AGREEMENT	1021	1233
11					HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
1				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
19 2000	12-042	6-0052-0000	(100/55000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT	1576	125
19 LC06	12-042	6-0036-0000	Q100795000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
3	1			DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	.33
10				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
		- 1		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				EMMA A. POST AND HOWARD POST, HER HUSBAND; AND LOUISE AXELVANDRE, SINGLE	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	979	94
		00		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
9				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.		1584	592 592
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT ASSIGNMENT	ii 1576	942
14 LC06	66783 12-042	7-0001-0000	Q100886000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	0		1235
			LACOTEGE	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	ASSIGNMENT AGREEMENTO ASSIGNMENT	N = 1522 N = 1543	1235
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.		0.5	382
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51 60 58	362
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT 2 60 60 60 60 60 60 60 60 60 60 60 60 60	E 1136	250 795

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1		1	12-0406-0021-0001		PITTSBURGH AND WEST VIRGINIA GAS COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT MAY 0.3	7072 504	353
			12-0406-0021-0002 12-0406-0021-0003		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	A MARINE CONTROL OF THE CONTROL OF T		250
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	WW Hendilli	3111.01	795
			12-0406-0021-0004		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE Environmental P	58	352
			12-0406-0021-0005		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
	8	LC052223	12-0406-0021-0006	Q101129000	DOMINION TRANSIVISSION, INC.	CHA GAS COMPANY LCC	FIRST AMENDMENT TO MEMORANDUM OF	33.0	- 33
		10.2007	12-0406-0021-0007		COMMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
			12-0405-0021-0008		DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT	1543	1235
N.			12-0405-0025-0000		CNX GAS COMPANY LLC	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT	1576	125
			12-0405-0028-0000		DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
			and		CNX GAS COMPANY LLC	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
1			12-406A-0001-0000 through		NOBLE ENERGY, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	032
			12-406A-0041-0000		DOMINION TRANSMISSION, INC.	DOWNNON ENERGY TRANSMISSION, INC.	SECOND AMENDMENT TO MEMORANDUM OF	VV V SU/S	
					C A CONTRACTOR - THE MANAGEMENT AND	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
			1		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF	100/1	361
- 1					DOMESTICAL ENERGY TRANSMISSION INC	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
					DOMINION ENERGY TRANSMISSION, INC.	The state of the s	NOT LESS THAN 1/8		12.9.3
					EMORY L STOUT AND ELZIA P. STOUT, HIS WIFE	CONSOLIDATED GAS SUPPLY CORPORATION		985	94
			12-0406-0010-0001 12-0406-0011-0000 12-0406-0012-0001 12-0405-0027-0000		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT ASSIGNMENT CHANGE	1136	250
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
					A STATE OF THE PROPERTY OF THE STATE OF THE	etwork contents with	FIRST AMENDMENT TO MEMORANDUM OF	2574	204
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
	á	LC071305		Q100508000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT	1543	1235
	2	100/1303		CI SUSCOCO	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT	1576	125
	8				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		7.54
- 1					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
						Table 19 Commission of the Com	THIRD AMENDMENT TO MEMORANDUM OF	0.00	
1					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
Ī					LOCIE C. STOUT, WIDOW; MARY STOUT WOLFF, WIDOW; AND IVA H.		Charles San San	44.74	
- 1					STOUT, WIDOW	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	992	522
- 1					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
- 1			1		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
- 1					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
- 1			12-0406-0009-0000		Name of the State		FIRST AMENDMENT TO MEMORANDUM OF		
- 1			12-0406-0009-0001		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
- 1		A662-55V	12-0406-0009-0002	C400500000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
9	2	LC071331	12-0386-0109-0000	Q100509000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
- 1		1	12 0386-0110-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
- 1			12-0385- 0111-0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	592
					DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WV5OS	
1		N.					SECOND AMENDMENT TO MEMORANDUM OF		- 57
		N .			DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
							THIRD AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	LEWIS 736	220
- 1	35.44	HGII01800	13-2103-164	HGII01800	CARLA MCGLUMPHY	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1716	826



HG Energy, LLC

5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office

(304) 863-3172 - Fax

March 18, 2022

Ch# 030180 \$500000 2/24/22

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

RE: Schoen 1205 N-4H Permit Revision – (47-033-06011)

Grant District, Harrison 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 1205 N-4H well work permit. We request 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 dwhite@hgenergyllc.com.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Sam Ward - WV DEP State Inspector

RECEIVED
Office of Oil and Gas

MAY 0 3 2022

WV Department of Environmental Protection



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

Expedited Modification H6A Horizontal Well Work Permit (API: 47-033-06011)

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

Wed, May 11, 2022 at 10:34 AM

To: Diane White diane: To: Diane <a <samuel.d.ward@wv.gov>

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

47-033-06011 - SCHOEN 1205 N-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

