

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

Tuesday, September 6, 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-1H

47-033-06001-00-00

Lateral Revision/ 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.

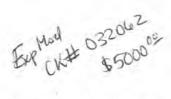
Operator's Well Number: SCHOEN 1205 N-1H

Farm Name: GEORGE & ROSANNE SCHOEN

U.S. WELL NUMBER: 47-033-06001-00-00

Horizontal 6A New Drill Date Modification Issued: 09/06/2022

Promoting a healthy environment.



API NO. 44703306001

OPERATOR WELL NO. Schoen 1205 N-1H
Well Pad Name: Schoen 1205

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

1) Well Operat	tor: HG Ene	ergy II Appa	alachia, L	494519932	Harrison	Grant	Mount Clare 7.5'
27 40 5520 \$ 210			_	Operator ID	County	District	Quadrangle
2) Operator's \	Well Number	Schoen 1	205 N-1H	Well P	ad Name: Sch	noen 1205	
3) Farm Name	/Surface Owi	ner: Georg	e Schoen	Public R	oad Access: _N	AcWhorter F	Road / SR25
4) Elevation, c	urrent ground	i: 1410'	Ele	evation, propose	ed post-construc	ction: 1407	
5) Well Type	(a) Gas	X	Oil _	Un	derground Sto	rage	
	Other						
	(b)If Gas	Shallow	X	Deep			- 0
		Horizontal	X				50W 312312022
6) Existing Pa	d: Yes or No	No			-		8/23/2022
7				ipated Thickness Anticipated press		Pressure(s):	
8) Proposed To	otal Vertical	Depth: 724	0'				
9) Formation a			Marcellus				
10) Proposed	Total Measur	ed Depth:	26,972'				
11) Proposed I	Horizontal Le	g Length:	18,306'				
12) Approxim	ate Fresh Wa	ter Strata De	epths:	135', 480', 640	0', 728'		
13) Method to	Determine F	resh Water I	Depths: N	Nearest offset w	vell data		
14) Approxim	ate Saltwater	Depths: 1	730, 1780	, 2010			
15) Approxim	ate Coal Sear	n Depths: 5	01, 650', 730	, 736' (Surface casir	ng is being extende	d to cover the c	oal in the DTI Storage Field)
16) Approxim	ate Depth to l	Possible Voi	d (coal mi	ne, karst, other)	; None		
17) Does Prop directly overly				ns Yes	1	No X	
(a) If Yes, pr	ovide Mine I	nfo: Name	:				
		Depth	1:				
		Seam					
		Owne	r:				

API NO. 47	
OPERATOR WELL	NO. Schoen 1205 N-1H
Well Pad Name:	Schoen 1205

18)

CASING AND TUBING PROGRAM

TYPE	$\begin{array}{c c} \underline{\text{Size}} & \underline{\text{New}} \\ \underline{\text{(in)}} & \underline{\text{or}} \\ \underline{\text{Used}} \end{array}$		Grade	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	26972'	26972'/	20% excess tail, CTS
Tubing							
Liners							

SDW 8/28/2022

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 % excess yield = 1.20, CTS
Intermediate1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Lead 40% excess, Tail 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	3950		Type 1/Class A	Lead 40% excess, Tail 0% Excess Lea
Production	5 1/2"	8 1/2"	.415	16240	12500	Type 1/ClassA	20% excess yield = 1.19, tail yield 1.94
Tubing							
Liners	- 1 - 1						

PACKERS

Kind:		
Sizes:		
Depths Set:		

WW-6B
(10/14)

API NO. 47
OPERATOR WELL NO. Schoen 1205 N-1H
Well Pad Name: Schoen 1205

19) Des	cribe proposed	well wo	ork, inc	luding t	he dril	ling and	plugging	back of	f any pilot hole	:
---------	----------------	---------	----------	----------	---------	----------	----------	---------	------------------	---

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7240 feet. Drill horizontal leg to estimated 18,306' lateral length, 26,972' 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.
Freshweter- centralized every 3 ploints to surface.
Coal - Bow Spring on every joint, will also be running ACP for isolating storage zone
Intermediate - Bow Spring on every joint, will also be running ACP for isolating storage zone
Intermediate - Bow Spring on this 12 joints then every third joint to 100° from surface.
Production - Run 1 spiral centralizar 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:

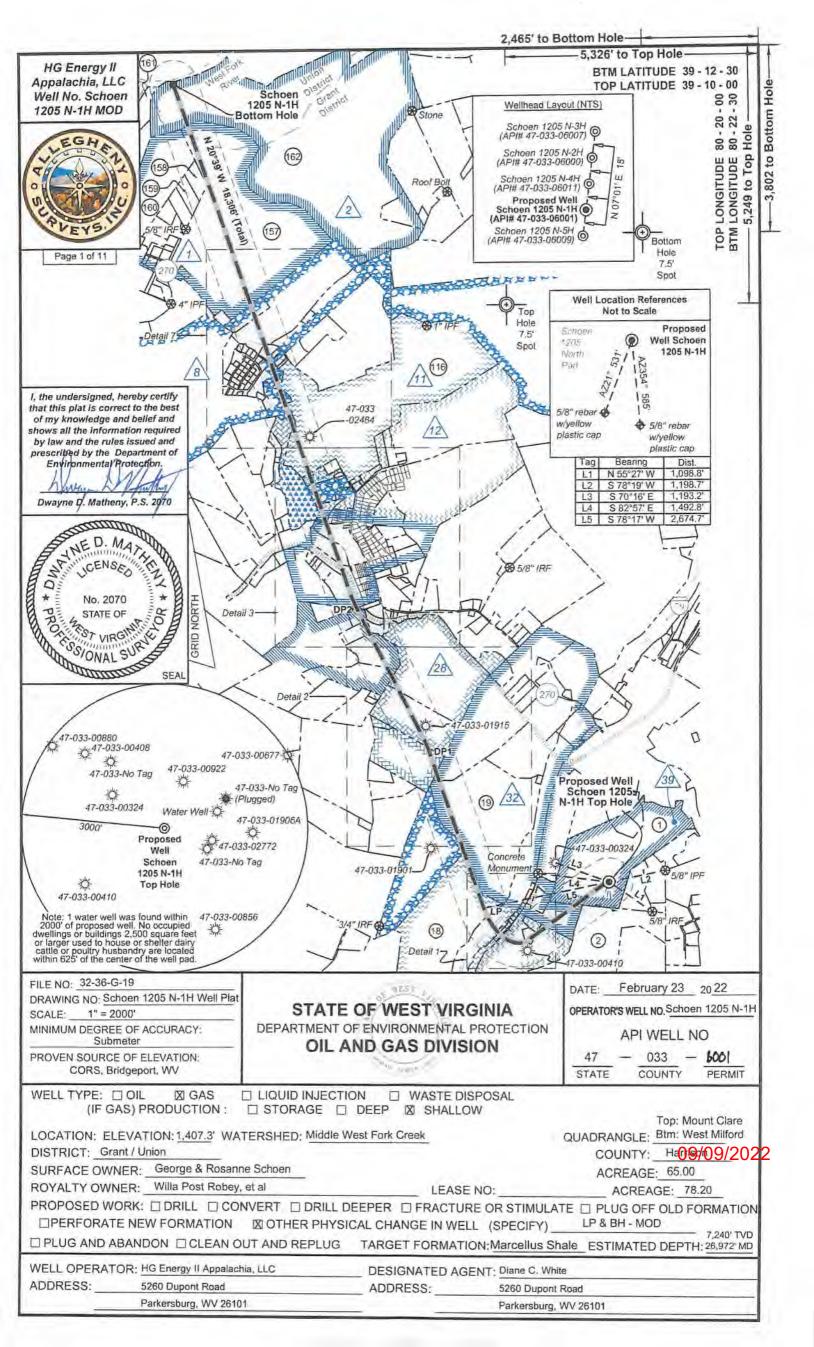
Conductor -N/A, Casing to be drilled in w/ Dual Rotary Rig.
Fresh Water - 15.6 ppg PNE-1 + 3% bwoc CaCl, 40% Excess Yield = 1.20, CTS
Intermediate 1 - 1ead: 15.4 ppg PNE-1 + 2.5% bwoc CaClWork Excess / Tall: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS'
Intermediate 1 - 1ead: 15.4 ppg PNE-1 + 2.5% bwoc CaClWork Excess / Tall: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS'
Production - 1ead: 15.4 ppg PNE-1 + 2.5% bwoc CaClWork Excess / Tall: 15.9 ppg PN

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.
Fresh Water - Once casing is a testling depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.
Coal - Once casing is a testling depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.
Intermediate - Once casing is at settling depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.
Production - Once on bottom/TD with casing, circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.
Production - Once on bottom/TD with casing, circulate at mix allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.

*Note: Attach additional sheets as needed.

1205 N-1H Marcellus Shale Horizontal Harrison County, WV	33.72E	14.67E	18.21E	COMMENTS	lew "A D = prisectorotorotoro	Conductor casing = 0.5" wall thickness Surface casing = 0.438" wall thickness Burst=2110 psi										Burst-5350 psi						Production casing = 0.415"	_	No	SC										
	14218746,26N 1824133.72E	14218203.24N 1821514.67E	14235301.2N 1815068.21E	CONDITIONING	to negly of alcohold	TD.	Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.		Once casing is at setting depth, Circulate and	Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.		Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.		pumping cement.					least 2x bottoms up, or until	returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.					/-/18306' ft Lateral										
	14	14	14	CENTRALIZERS	900 65 00									Run 1 spiral centralizer every 5 joints from the top of the curve to surface.						Run 1 spiral centralizer	1st 5.5" long joint to the	top of the curve.				A: +/-1830									
				CEMENT	AVA Colored Available	in w/ Dual Rotary Rig	15.6 ppg PNE-1 + 3%	15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS			ppg PNE-1 + 2.5% bwoc	zero% Excess. CTS	Lead: 15.4 ppg PNE-1 +	2.5% bwoc CaCl	40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc	CaCl	zero% Excess. CIS			Lead: 14.5 ppg POZ:PNE-1 + 0.3%	bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk	FP13L + 0.3% pwoc MPA170	Tail: 14.8 ppg PNE-1 +	Ż	bwoc ASCA1 + 0.5%		0 4								
	1205 N-1H SHL	1205 N-1H LP	1205 N-1H BHL	MUD		AIR		AIR		AIR / KCL - 4006 Event / Total 4 E D	Salt			AIR / KCL		Polymer			9.0ppg	SOBM			7	12.5ppg	SOBM	1		3	11,5ppg- 12,5ppg	o o o o	2				
	1205 N	1205 1	1205 N	BASE		120	135, 480, 640, 728	736	1200	1482 / 1556	1690 / 1970	2100	2093 / 2147	2250 / 2310	2468	2860	2950	3162	3367	4455	6549	6740	6870	7003	7048	7149	7214	7315	7240		Long String CDC HTQ				
				TOP		0	o	730	0	1467 / 1510	1565 / 1900	0	1993/2112	2195 / 2250	2440	2835	0	3028	3342	4420	5872	6549	6740	6870	7003	7048	7149	7214	26972	7315	8.5" Hole - Cemented Long String 5-1/2" 23# P-110 HP CDC HTQ				
		3.	2°	GEOLOGY		Conductor	Fresh Water	Coal	Surface / FW	Little/Big Lime	Injun / Gantz (Storage)	Intermediate 1	Fifty / Thirty Foot	Gordon Stray / Gordon	5th Sand	Warren	Intermediate 2	Speechley	Bradford	Benson	Rhinestreet	Cashaqua	Middlesex	West River	Burkett	Tully Limestone	Hamilton	Marcellus	TMD / TVD (Production)	Onondaga	8.5 5-				
ENERGY		1407.3	340.932°	CASING	90" 157 5#	ST 131.3#		20" 94# J-55		\$ 00 00 00 00 00 00 00 00 00 00 00 00 00	J-55 BTC			and indian	9-5/8" 40# J-55 BTC								5-1/2"	P-110 HP	срс нто						*				
Ш.				HOLE		30,,		24"			17.5"			12.25" 9-				8,5" Vertical						8.5" Curve P.					8.5" Lateral		TVD / 8666' D				
		Ground Elevation	Azm	WELLBORE DIAGRAM	1000 000 000 000 000 000 000 000 000 00	### A PART		×1	×		×		\			×		×	0.			ATPROPRIES	- ×		Cressoo	23422			W	×	LP @ 7240' TVD / 8666' MD				



Page 2 of 11



2	Lease
1 1	Morris Mountaineer Oil & Gas, LLC
2	Locie C, Stout, et al
3	Porter & Bertha B. Maxwell, et al
1 (C.H. & Constance Woodford, et al
2	E.S. & Nettie M. Swisher, et al.
2	A,W, Smith
4	Hugh C. & Martha L. Davis, et al
8	Lillie Gifford, et al
0	Mary E. Kennedy, et al
1	S.J. Davisson
2	Marcella R. & H.D. Bond, et al
9	Willa Post Robey, et al
5	J.N. Rector, et al
6	Emma A. Waggoner, et al
7 0	Gregory A. & Jacqueline D. Abraham
8	J.O. & Dorothy H. Butcher
4	H.D. & Emma J. Smith, et al
6	Hattie B, Cummins, et al
4	H.D. & Emma J. Smith, et

Legend Proposed gas well Well Reference, as noted 0 Monument, as noted Existing Well, as noted Existing Plugged Well, as noted Digitized Well, as noted Surface boundary (approx.) Interior surface tracts (approx.) Creek or Drain - Existing Road Railroad Tracks

Detail 1 - Scale: 1" = 500'

Notes: Well No. Schoen 1205 N-1H UTM NAD 1983 (USSF)

Top Hole Coordinates N: 14,218,746,26 E: 1,824,133.72 Landing Point Coordinates N: 14,218,203.24' E: 1,821,514.67' Deflection Point 1 Coordinates N: 14,221,413.22' E: 1,820,380.38 Deflection Point 2 Coordinates N: 14,224,427.98 E: 1.818.857.46 Bottom Hole Coordinates N: 14.235.301.20 E: 1,815,068.21

Notes: Well No. Schoen 1205 N-1H

West Virginia Coordinate System of 1927, North Zone west Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates
Latitude: 39°09'08.10"
Longitude: 80°21'07.63" Longitude: 80°23'01.32"
UTM Zone 17, NAD 1983
Top Hole Coordinates
N: 4,333,882.528m
N: 4,333,882.528m
N: 4,333,892.84.84m E: 555,997.070m E: 553,233.897m Plat orientation and corner and well references are based upon the grid north meridian.

Well location references are based upon the magnetic

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

MINIMUM DEGREE OF ACCURACY:

Submeter

PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

/32 6 (19) (18) 6 45 46 47-033-00410 禁 3 (2)

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

#ES

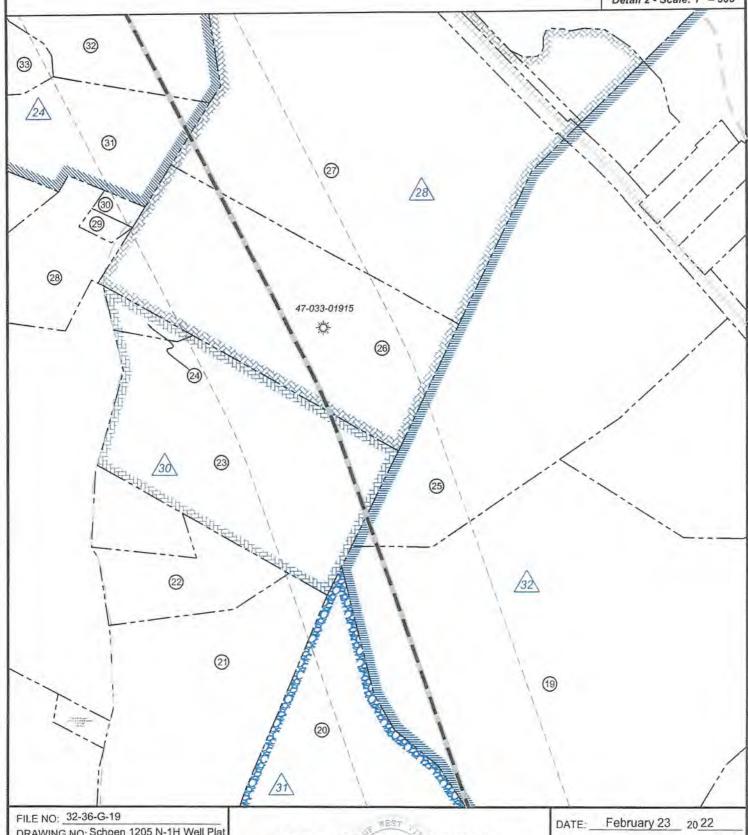
February 23 20 22 DATE: OPERATOR'S WELL NO. Schoen 1205 N-1H API WELL NO HEA 47 033 - 6001 STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☐ GAS ☐ LIQUID INJECTION : ☐ STORAGE ☐	DN □ WASTE DISPOSAL DEEP ☒ SHALLOW	
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle W DISTRICT: Grant / Union	est Fork Creek	Top: Mount Clare QUADRANGLE: Btm: West Milford COUNTY: Hare 109/109/2022
SURFACE OWNER: George & Rosanne Schoen		ACREAGE: 65.00
ROYALTY OWNER: Willa Post Robey, et al	LEASE NO:	ACREAGE: 78.20
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DI ☐ PERFORATE NEW FORMATION ☐ OTHER PHYSIC		100011 1100
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG	TARGET FORMATION: Marcellus S	hale ESTIMATED DEPTH: 26,972' MD
WELL OPERATOR: HG Energy II Appalachia, LLC	DESIGNATED AGENT: Diane C. WI	nite
ADDRESS: 5260 Dupont Road	ADDRESS: 5260 Dupon	t Road
Parkersburg, WV 26101	Parkersburg	, WV 26101

HG Energy II Appalachia, LLC Well No. Schoen 1205 N-1H MOD Page 3 of 11 (32) 31 28



Detail 2 - Scale: 1" = 500"



DRAWING NO: Schoen 1205 N-1H 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

OPERATOR'S WELL NO. Schoen 1205 N-1H

API WELL NO HOA

47 - 6001 033 COUNTY PERMIT

WELL TYPE	OIL	⊠ GAS	☐ LIQUID INJE	CTIC	ON 🗆	W	ASTE DISPOSAL
(IF	GAS) PRO	DUCTION:	☐ STORAGE		DEEP	X	SHALLOW

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

DISTRICT: Grant / Union

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

LEASE NO:

Top: Mount Clare QUADRANGLE: Btm: West Milford COUNTY: Ha09/09/2022

ACREAGE: 65.00 ACREAGE: 78.20

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION LP & BH - MOD

□PERFORATE NEW FORMATION ☑ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road

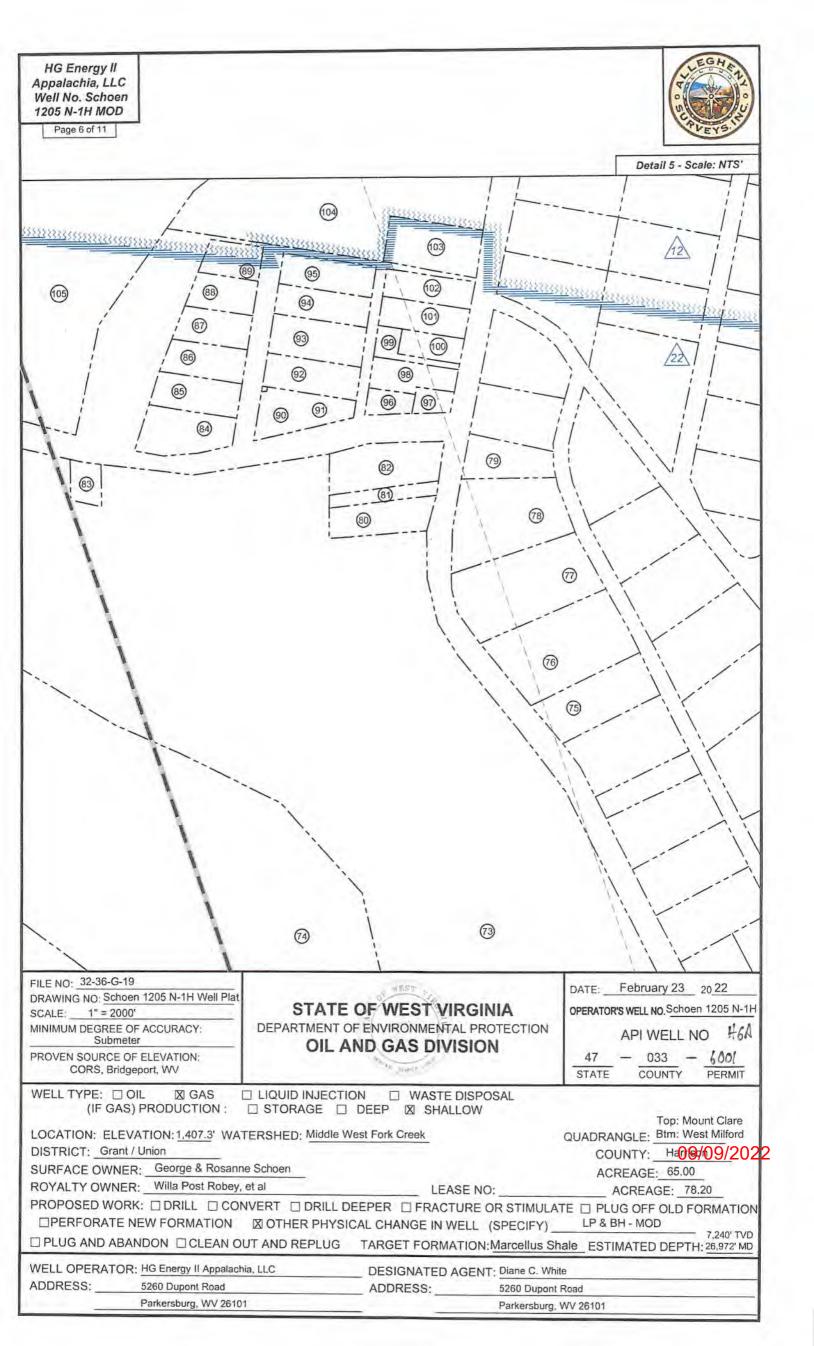
Parkersburg, WV 26101

HG Energy II Appalachia, LLC Well No. Schoen 1205 N-1H MOD Page 4 of 11 Detail 3 - Scale: 1" = 500' 73 (35) 34) (33) (27) 32 FILE NO: 32-36-G-19 DATE: February 23 20 22 WES7 DRAWING NO; Schoen 1205 N-1H Well Plat STATE OF WEST VIRGINIA OPERATOR'S WELL NO. Schoen 1205 N-1H SCALE: 1" = 2000' DEPARTMENT OF ENVIRONMENTAL PROTECTION MINIMUM DEGREE OF ACCURACY: API WELL NO HA Submeter OIL AND GAS DIVISION PROVEN SOURCE OF ELEVATION: 47 033 6001 CORS, Bridgeport, WV COUNTY STATE PERMIT WELL TYPE: □ OIL X GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW Top: Mount Clare LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek QUADRANGLE: Btm: West Milford DISTRICT: Grant / Union COUNTY: Hat 9/09/09/2022 SURFACE OWNER: George & Rosanne Schoen ACREAGE: 65.00 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) LP & BH - MOD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101

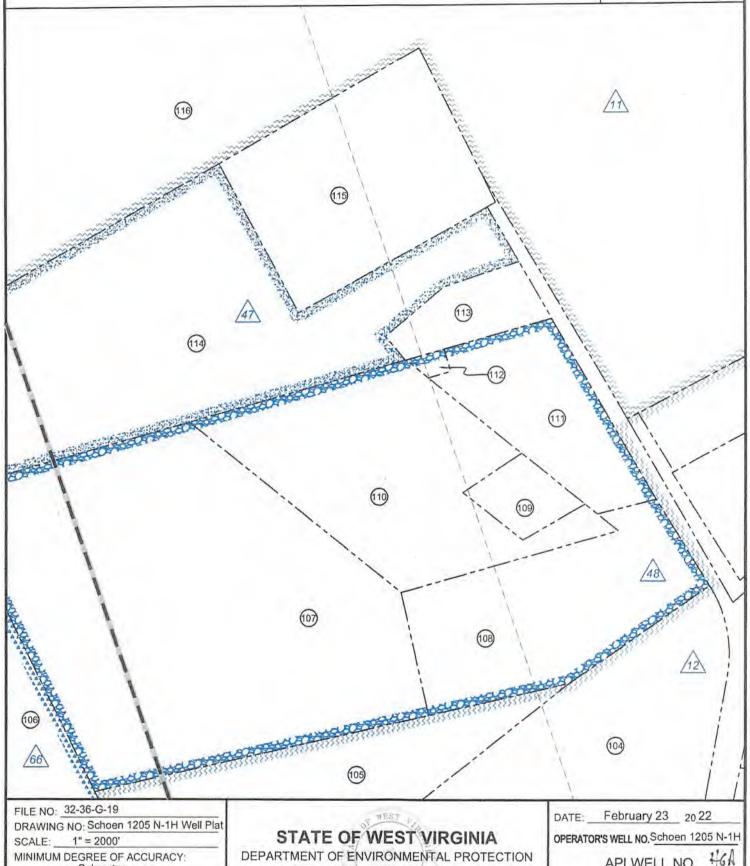
HG Energy II Appalachia, LLC Well No. Schoen 1205 N-1H MOD Page 5 of 11 Detail 4 - Scale: NTS* (73) 74) 67) 63 62 60 (59) (58) (53) (51) (50) 49 (48) 47 (41) 40 44) (43) (42) 39 (37) FILE NO: 32-36-G-19 February 23 20 22 DRAWING NO: Schoen 1205 N-1H Well Plat OPERATOR'S WELL NO. Schoen 1205 N-1H STATE OF WEST VIRGINIA SCALE: 1" = 2000" MINIMUM DEGREE OF ACCURACY: DEPARTMENT OF ENVIRONMENTAL PROTECTION API WELL NO HOA Submeter OIL AND GAS DIVISION 650! PROVEN SOURCE OF ELEVATION: 47 033 CORS, Bridgeport, WV COUNTY PERMIT WELL TYPE: □ OIL X GAS ☐ LIQUID INJECTION □ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW Top: Mount Clare QUADRANGLE: Btm: West Milford LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek DISTRICT: Grant / Union COUNTY: Ha09/09/2022 SURFACE OWNER: George & Rosanne Schoen ACREAGE: 65.00 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) ___ LP & BH - MOD TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101



Page 7 of 11



Detail 6 - Scale: NTS



API WELL NO 46A Submeter OIL AND GAS DIVISION PROVEN SOURCE OF ELEVATION: 033 6001 CORS, Bridgeport, WV STATE COUNTY WELL TYPE: OIL X GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW Top: Mount Clare QUADRANGLE: Btm: West Milford LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek DISTRICT: Grant / Union COUNTY: Han 9/09/2022 SURFACE OWNER: George & Rosanne Schoen ACREAGE: 65.00 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) LP & BH - MOD 7.240' TVD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101

HG Energy II Appalachia, LLC Well No. Schoen 1205 N-1H MOD Page 8 of 11 Detail 7 - Scale: 1" = 500" (151) (154) (124) (116) FILE NO: 32-36-G-19 DATE: February 23 20 22 DRAWING NO: Schoen 1205 N-1H Well Plat STATE OF WEST VIRGINIA OPERATOR'S WELL NO. Schoen 1205 N-1H SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: DEPARTMENT OF ENVIRONMENTAL PROTECTION API WELL NO HAA Submeter OIL AND GAS DIVISION PROVEN SOURCE OF ELEVATION: 47 6001 033 CORS, Bridgeport, WV COUNTY STATE PERMIT WELL TYPE: □ OIL X GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW Top: Mount Clare QUADRANGLE: Btm: West Milford LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek DISTRICT: Grant / Union COUNTY: Harmon 1202 2 SURFACE OWNER: George & Rosanne Schoen ACREAGE: 65.00 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) LP & BH - MOD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101

HG Energy II Appalachia, LLC Well No. Schoen 1205 N-1H MOD Page 9 of 11 Detail 8 - Scale: NTS' (152) (151) (145) (150) 142 (139) (14) (138) (137) 136 (135) No. 134 (133) (132) (131) (127) (130) (129) (116) 128 TA SA FILE NO: 32-36-G-19 DATE: February 23 20 22 SEST DRAWING NO: Schoen 1205 N-1H Well Plat OPERATOR'S WELL NO. Schoen 1205 N-1H STATE OF WEST VIRGINIA SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: DEPARTMENT OF ENVIRONMENTAL PROTECTION API WELL NO HA Submeter OIL AND GAS DIVISION PROVEN SOURCE OF ELEVATION: 47 033 6001 CORS, Bridgeport, WV STATE COUNTY WELL TYPE: OIL X GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW Top: Mount Clare QUADRANGLE: Btm: West Milford LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek DISTRICT: Grant / Union COUNTY: H09/09/2022 SURFACE OWNER: George & Rosanne Schoen ACREAGE: 65.00 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) LP & BH - MOD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101

Page 10 of 11



No.	TM / Par	Owner	Bk / Pg	Ac.
1	447/2	George & Roseanne Schoen	1148 / 1059	65.00
2	446 / 29	John F. McCuskey II, et al	1121 / 25	75.00
3	446 / 28.2	David D. Vanhorn (LE), et al	W177 / 92	42.66
4	446 / 28.4	Bradford Vanhorn	1381 / 1181	1.52
5	446 / 28.5	Robert L. Vanhom	1352 / 91	1.52
6	446 / 15	Vera E. & Oral K. Haught	1582 / 896	14.40
7	446 / 12	Marilyn Gaines	1192 / 300	2.93
8	446 / 28.1	Andrew Schrader & Melinda Davis	1478 / 252	0.45
9	446 / 28.3	Sharon Willie	1349 / 1253	0.45
10	446 / 28	Larry E. Wilson II	1344 / 1211	0.57
11	446 / 15.1	David & Grace Hughes	1257 / 694	0.31
12	446 / 26.1	Robert Mendez Jr.	1435 / 330	0.18
13	446 / 24.5	Lester L. Cook Sr.	1364 / 265	0.21
14	446 / 24.1	Brooke & Lillie Swisher	1432 / 856	0.15
15	446 / 24.4	Brooke & Lillie Swisher	1432 / 856	0.03
16	446 / 24.2	Daniel Frazier (LE)	W165 / 1065	0.20
17	446 / 24.3	Mark & Karen Wilt	1157 / 579	0.58
18	446 / 24	Robert N. Rector (LE)	1621 / 719	82.9
19	446 / 7	James R. & Sharon L. Allman	1437 / 165	91.7
20	446/6	Robert N. Rector (LE)	1621 / 719	49.3
21	446/5	Kathy D. Bennett	W184 / 51	20.8
22	426 / 76	Ethan Stonko	1622 / 771	7.00
23	426 / 77	Kenneth E. Rigdon	1569 / 903	28.2
24	426 / 64	Eugene Alkire Jr.	1271 / 1183	2.00
25	426 / 66	Michael W. & Robert D. Rector	1621 / 719	41.7
26	426 / 65	G. Thomas Smith	1277 / 1174	29.7
27	426 / 50	G. Thomas Smith	1277 / 1174	66.8
28	426 / 42	Cathleen Spitler (LE), et al	1405 / 449	11.69
29	426 / 42.1	Andrew D. & Sarah N. Spitler	1669 / 645	0.57
30	426 / 43.1	Andrew D. & Sarah N. Spitler	1669 / 645	0.62
31	426 / 44	AL-N-EL Farms, LLC	1623 / 1057	17.73
32	426 / 45	Constance & Gary I. Saunders II	1591 / 100	12.43
33	426 / 40	AL-N-EL Farms, LLC	1623 / 1057	57.9
34	426 / 46	Constance & Gary I. Saunders II	1591 / 100	4.00
35	426 / 47	Constance & Gary I. Saunders II	1591 / 100	1.00
36	426 / 48.2	John E. Messenger	1351 / 206	2,19
37	426 / 29	Daniel R. & Lana M. Messenger	1194 / 1027	1.50
38	426 / 28	Constance & Gary I. Saunders II	1591 / 100	2.32
39	426 / 30	Daniel R. & Lana M. Messenger	1151 / 210	0.82
40	426 / 26	David L. Bowles	1518 / 1298	6.05

No.	TM / Par	Owner	Bk / Pg	Ac.
41	426 / 27	Antonio P., LLC	1503 / 291	6.53
42	2005 / 68	Wilma L. & George W. Bennett, III	1655 / 43	0.43
43	2005 / 62	George W. Bennett Jr.	W149 / 468	0.14
44	2005 / 63	George W. Bennett Jr.	W149 / 468	0.13
45	2005 / 64	James L. & Margie H. Fultineer	1340 / 1154	0.12
46	2005 / 65	James L. & Margie H. Fultineer	1340 / 1154	0.12
47	2005 / 67	Daniel M. & Nita M. Richards	1619 / 832	0.29
48	2005 / 69	Wilma L. & George W. Bennett, III	1169 / 953	0.31
49	2005 / 56	Kathy D. Bennett	1374 / 379	0.11
50	2005 / 61	Kathy D. Bennett	1380 / 737	0.55
51	2005 / 70	Grant-Union Public Service District	1169 / 953	0.31
52	2005 / 39	Kathy D. Bennett	1281 / 712	0.11
53	2005 / 40	Kathy D. Bennett	1281 / 712	0.11
54	2005 / 41	Kathy D. Bennett	1281 / 712	0.11
55	2005 / 42	Kathy D. Bennett	1281 / 712	0.11
56	2005 / 43	Kathy D. Bennett	1281 / 712	0.11
57	2005 / 44	Kathy D. Bennett	1281 / 712	0.11
58	2005 / 71	Brenda Withers	1374 / 1062	0.32
59	2005 / 33	Brenda R, Withers & Mary V. Hayes	1344 / 136	0.88
60	2005/5	Michael A. Wright (Lots 30-44)	1626 / 1172	2.47
61	2005 / 16	Michael A. Wright	1626 / 1172	Lot 37
62	2005 / 17	Michael A. Wright	1626 / 1172	Lot 36
63	2005 / 18	Michael A. Wright	1626 / 1172	Lot 35
64	2005 / 19	Michael A. Wright	1626 / 1172	Lot 34
65	2005 / 20	Michael A. Wright	1626 / 1172	Lot 33
66	2005 / 21	Michael A. Wright	1626 / 1172	Lot 32
67	2005/6	Michael A. Wright	1626 / 1172	Lot 44
68	2005/7	Michael A. Wright	1626 / 1172	Lot 43
69	2005 / 8	Michael A. Wright	1626 / 1172	Lot 42
70	2005/9	Michael A. Wright	1626 / 1172	Lot 41
71	2005 / 10	Michael A. Wright	1626 / 1172	Lot 40
72	2005 / 11	Michael A. Wright	1626 / 1172	Lot 39
73	426 / 34.1	Jacob D. & Nancy L. Post	1023 / 150	9.27
74	426 / 20	Grafton Coal Company	1016 / 223	6.00
75	2015 / 78	Quintin J. Moore & Lora K, Varner	1602 / 451	0.28
76	2015 / 79	William R. Reed Jr.	1403 / 601	0.33
77	2015 / 80	Thomas M. Tice & Michelle L. Liptak	1319 / 1062	0.36
78	2015 / 81	Jesse D. Garrett	1403 / 1133	0.29
79	2015 / 82	John & Mary R. Miller	1397 / 1177	0.22
80	2005 / 55	Gale L. & Melissa A. Zickefoose	1475 / 318	0.12

Parkersburg, WV 26101

FILE NO: 32-36-G-19

DRAWING NO: Schoen 1205 N-1H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY: Submeter

PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE:_	February 23	20 22
OPERATO	OR'S WELL NO. School	en 1205 N-1
7000.72		ATTA

API WELL NO #64 47 - 033 - 601 STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☐ GAS ☐ LIQUID INJECT ☐ STORAGE ☐	TION □ WASTE DISPOSAL ☐ DEEP ☒ SHALLOW	Top: Mount Clare
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle	West Fork Creek	QUADRANGLE: Btm: West Milford
DISTRICT: Grant / Union		COUNTY: H:09/09/202
SURFACE OWNER: George & Rosanne Schoen		ACREAGE: 65.00
ROYALTY OWNER: Willa Post Robey, et al	LEASE NO:	ACREAGE: 78.20
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL ☐ DRILL ☐ CONVERT ☐ DRILL ☐ DRILL ☐ CONVERT ☐ DRILL		
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG	TARGET FORMATION: Marcellus	Shale ESTIMATED DEPTH: 26,972' MD
WELL OPERATOR: HG Energy II Appalachia, LLC	DESIGNATED AGENT: Diane C. V	Vhite
ADDRESS: 5260 Dupont Road	ADDRESS: 5260 Dupo	ont Road
Parkersburg, WV 26101	Parkersbu	rg, WV 26101

Page 11 of 11



No.	TM / Par	Owner	Bk/Pg	Ac.
81	2005 / 54	Flossie B. Cogis	1247 / 10	0.08
82	2005 / 53	Flossie B. Cogis	1247 / 10	0.17
83	426 / 34.4	Grant-Union Public Service District	1170 / 132	0.03
84	2005 / 46	Flossie B. Cogis	W175 / 144	0.17
85	2005 / 48	Donald J. & Shelly A. Cavalier	1673 / 24	0.12
86	2005 / 36	Robert M. Tangari	1193 / 686	0.40
87	2005 / 24	Robert M. Tangari	1193 / 686	0.10
88	2005 / 13	Robert M. Tangari	1193 / 686	0.09
89	2005 / 1	Robert M. Tangari	1193 / 686	0.08
90	2005 / 50	Mary L. Smith, et al	W177 / 1179	48 SF
91	2005 / 49	Amanda D. Lewis & James A. Newman	1602 / 1229	0.15
92	2005 / 37	Timothy H. Bennett	1398 / 1065	0.12
93	2005 / 25	Timothy H. Bennett	1398 / 1065	0.12
94	2005 / 14	Timothy H. Bennett	1398 / 1065	0.12
95	2005/2	Timothy H. Bennett	1398 / 1065	0.11
96	2005 / 51	Timothy H. Bennett	1398 / 1065	0.17
97	2005 / 52	Timothy H. Bennett	1398 / 1065	0.05
98	2005 / 38	Timothy H. Bennett	1398 / 1065	0.09
99	2005 / 26	Timothy H. Bennett	1398 / 1065	0.00
100	2005 / 27	Timothy H. Bennett	1398 / 1065	0.06
101	2005 / 15	Timothy H. Bennett	1398 / 1065	0.11
102	2005/3	Timothy H. Bennett	1398 / 1065	0.10
103	2005 / 4	Timothy H. Bennett	1082 / 69	0.16
104	426 / 11	Nancy Sue Greaver	1231 / 836	2.00
105	426 / 10	Judith A. Eaton	1400 / 929	2.73
106	426 / 8	Antonio P. LLC	1503 / 291	19.00
107	426 / 9.1	Rose Belle	1609 / 568	4.30
108	426 / 9	Juliet Rose Belle	1603 / 338	1.38
109	406 / 36.2	Eugene Ray Messer	1619/210	0.21
110	406 / 36.1	Walter D. Snider & Rebecca A. Kayser	1346 / 961	1.74
111	406 / 36	Jacob & Nancy Post	1045 / 273	0.90
112	406 / 36.3	Grant-Union Public Service District	1164 / 952	0.03
113	406 / 37.1	Danielle Davisson & Robert Radabaugh	1515/979	0.32
114	406 / 37	Gregory & Jaqueline Abraham	1301 / 236	3.54
115	406 / 38	Judith Hayhurst	935/9	1.45
116	406 / 24	Clarence Howe Woodford II, et ux	W163/1145	160.49
117	426 / 25	Antonio P., LLC	1503 / 291	14.89
118	426 / 24	Ronald H. & Katherine R. Dever	1436 / 1133	1.76
119	426 / 23	Virginia M. Davisson	1349 / 60	0.62
120		Virginia M. Davisson	1349 / 60	0.37
121	426 / 21	Virginia M. Davisson	1349 / 60	0.75

No.	TM / Par	Owner	Bk / Pg	Ac.
122	406 / 34	Antonio P., LLC	1421 / 1185	0.26
123	406 / 33	Antonio P., LLC	1426 / 36	1.52
124	406 / 31	Antonio P., LLC	1503 / 291	14.65
125	406 / 28	Antonio P., LLC	1503 / 291	176.82
126	406 / 21.5	Monongahela Power Co.	1083 / 210	0.45
127	406 / 21.1	Terry L. & Cathy D. Williams	1662 / 1294	9.66
128	406 / 21.4	Monongahela Power Co.	1083 / 210	2.76
129	406A / 33	James & Megan Kennedy	1594 / 1121	0.43
130	406A / 24	Vincent & Amber Olliverio	1600 / 576	0.23
131	406A / 23	Timothy Ross	1349 / 303	0.23
132	406A / 21	James S. Skinner	1559 / 1053	0.47
133	406A / 22	James S. Skinner	1515/519	0.23
134	406A / 7	Charles & Naomi Burkhammer	1506 / 1150	0.46
135	406A / 6	Jerry Hughes	1095 / 649	0.23
136	406A / 13	James & Nancy Karis	1174 / 835	0.23
137	406A / 5	Jerry Hughes	1095 / 649	0,23
138	406A / 14	James & Nancy Karis	1068 / 939	0.23
139	406A / 19	Kathryn M. Fittro	1191 / 555	1.27
140	406A / 35	Harley R. & Linda L. Coberly	1229 / 315	0.79
141	406A / 20	Stephen & Shiela Nelson	1266 / 1097	0.36
142	406A / 1	Ernie & Linda Morgan	1266 / 35	0.35
143	406A / 2	Ernie & Linda Morgan	1266 / 35	0.35
144	406A / 3	David & Nancy Nester	1079 / 620	0.44
145	406A / 4	David & Nancy Nester	1079 / 620	0.42
146	406 / 24.2	Steven & Shanna Bolyard	1558 / 892	0.32
147	406 / 24.1	Steven & Shanna Bolyard	1558 / 892	0.72
148	406 / 22	David L. Scranage & Eva L. Scranage	952 / 204	0.38
149	406 / 22.1	David L. Scranage & Eva L. Scranage	912 / 274	0.46
150	406 / 21.7	Eva L. Scranage	1427 / 565	2,26
151	406 / 21.8	Brian K. & Jayme E. Lowther	1506 / 806	49.53
152	406 / 21	Robert K. Lowther	1427 / 565	17.44
153	406 / 23.1	Monongahela Power Co.	1192 / 644	3.12
154	406 / 23	Roger L. & Teri A. Wilmoth	1332 / 1017	57.94
155		Brian K. & Jayme E. Lowther	1652 / 85	6.03
156	406 / 20	Seventh Day Baptist Church	15/302	1.00
157	406 / 8	Robert J. Stenger	1621 / 54	166.2
158	406 / 7.13	Michael L. & Clenta V. Bond	1368 / 579	4.26
159	406 / 7.15	Michael L. & Clenta V. Bond	1393 / 1095	4.27
160		Richard K. Williams	1344 / 966	40.12
161	386 / 108	John L. Stenger	1309 / 666	7.44
162	406 / 9	John L. & Mary E. Stenger	1580 / 204	309.0

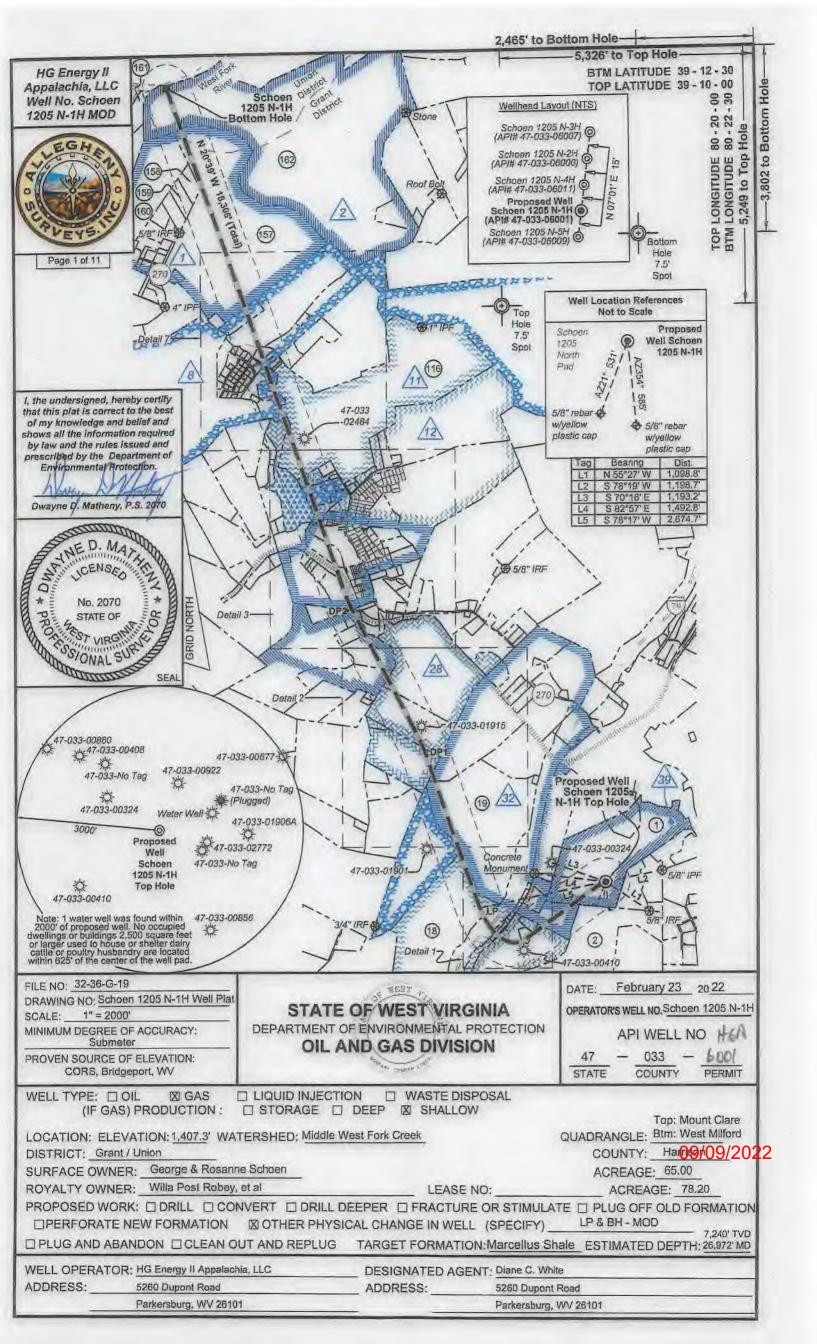
DRAWING NO: Schoen 1205 N-1H Well Plat SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: Submeter

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

EST

DATE: _	Feb	ruary 2	3_	20 4	22
OPERATO	R'S WE	LL NO.Sc	choer	12	05 N-1H
		WEL			
47	-	033	_	6	001
OTATE		COLINIT		DE	DAME

CORS, Bridgeport, WV) We		STATE	COUNTY	PERMIT
WELL TYPE: ☐ OIL ☒ GAS (IF GAS) PRODUCTION:	☐ LIQUID INJECTION☐ STORAGE ☐ □	WASTE DISP DEEP ☑ SHALLOW				ount Clare
LOCATION: ELEVATION: 1,407.3' WA	TERSHED: Middle Wes	st Fork Creek	Q	UADRAN	GLE: Btm: W	est Milford
DISTRICT: Grant / Union				COU	NTY: HOO	/09/2022
SURFACE OWNER: George & Rosani	ne Schoen			ACR	EAGE: 65.00)
ROYALTY OWNER: Willa Post Robey	, et al	LEASE N	IO:	A0	CREAGE: 7	3.20
PROPOSED WORK: ☐ DRILL ☐ CO ☐ PERFORATE NEW FORMATION						ORMATION 7.240' TVD
□ PLUG AND ABANDON □ CLEAN C	OUT AND REPLUG	TARGET FORMATION	N:Marcellus Shal	e_ESTIM	ATED DEPT	
WELL OPERATOR: HG Energy II Appalac	hia, LLC	DESIGNATED AGE	NT: Diane C. White			
ADDRESS: 5260 Dupont Road		ADDRESS:	5260 Dupont Ro	ad		
Parkersburg, WV 2610	01		Parkersburg, W	V 26101		



Page 2 of 11



ID	Lease
1	Morris Mountaineer Oil & Gas, LLC
Z	Locie C. Stout, et al
8	Porter & Bertha B. Maxwell, et al
11	C.H. & Constance Woodford, et al
12	E.S. & Nettle M. Swisher, et al
22	A.W. Smith
24	Hugh C. & Martha L. Davis, et al
28	Lillie Gifford, et al
30	Mary E. Kennedy, et al
31	S.J. Davisson
32	Marcella R. & H.D. Bond, et al
39	Willa Post Robey, et al
45	J.N. Rector, et al
46	Emma A. Waggoner, et al
47	Gregory A. & Jacqueline D. Abraham
48	J.O. & Dorothy H. Butcher
54	H.D. & Emma J. Smith, et al
66	Hattle B. Cummins, et al
_	

Legend Proposed gas well 0 0 Well Reference, as noted Monument, as noted Existing Well, as noted Existing Plugged Well, as noted Digitized Well, as noted Surface boundary (approx.) Interior surface tracts (approx.) Creek or Drain - - Existing Road Railroad Tracks

Detail 1 - Scale: 1" = 500"

6

Notes: Well No. Schoen 1205 N-1H UTM NAD 1983 (USSF)

Top Hole Coordinates N: 14,218,746.26' E: 1.824,133.72 Landing Point Coordinates N: 14,218,203.24' N: 14,221,513.203.24 E: 1,821,514.67' Deflection Point 1 Coordinates N: 14,221,413.22' E: 1,820,380.38' Deflection Point 2 Coordinates N: 14,224,427.98' E: 1,818,857.46' Bottom Hole Coordinates N: 14,235,301.20'

E: 1,815,068.21

Notes: Well No. Schoen 1205 N-1H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Top Hole coordinates
Latitude: 39°09'08.10"
Longitude: 80°21'07.63"
Longitude: 80°21'07.63"
Longitude: 80°23'01.32"
UTM Zone 17, NAD 1983 Top Hole Coordinates N: 4,333,882.528m Bottom Hole Coordinates N: 4,338,928.484m E: 555,997.070m F: 553.233.897m Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic

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

CORS, Bridgeport, WV

meridian.

19 (18) (12) 6 45 46 (9) 47-033-00410 紫 (3) (2)

DATE:

/32

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

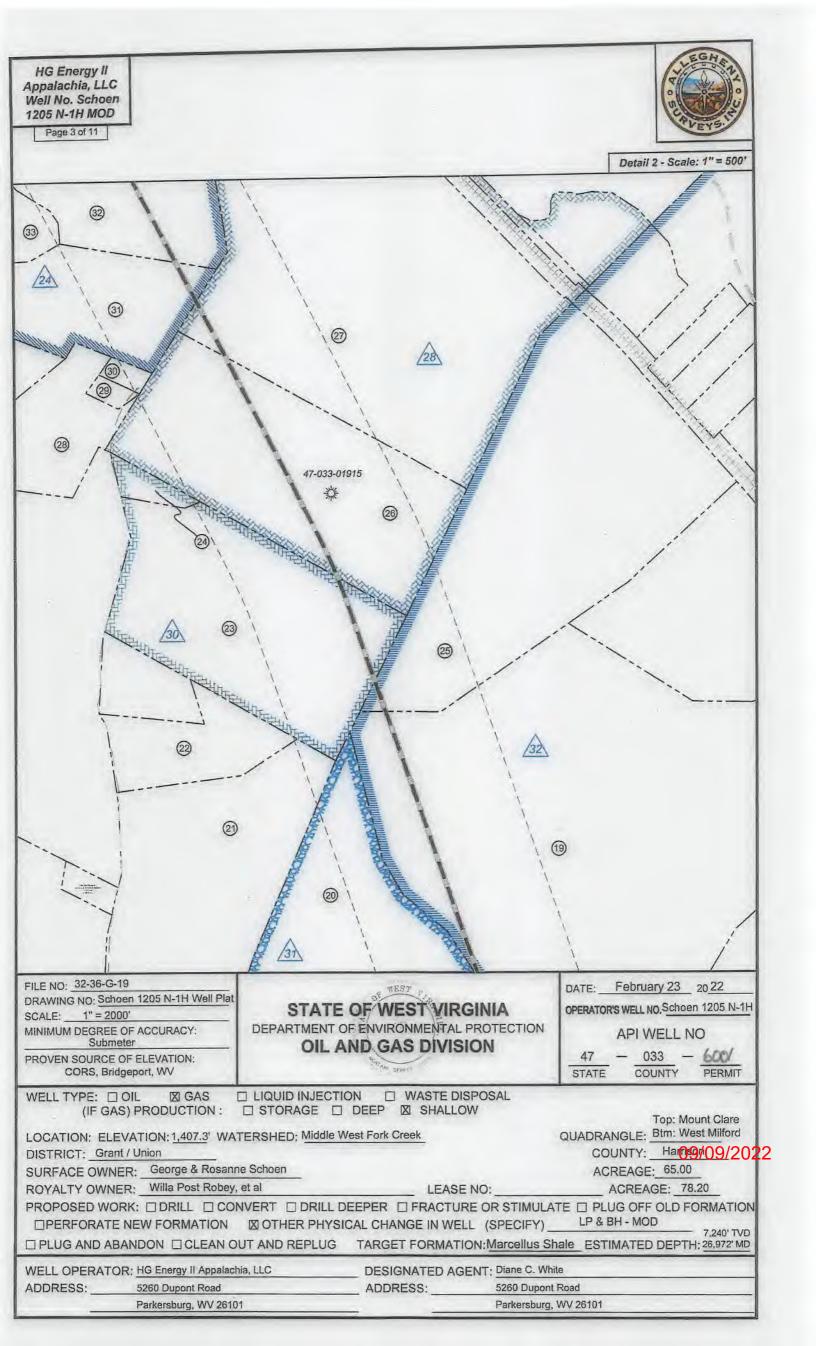
TEST

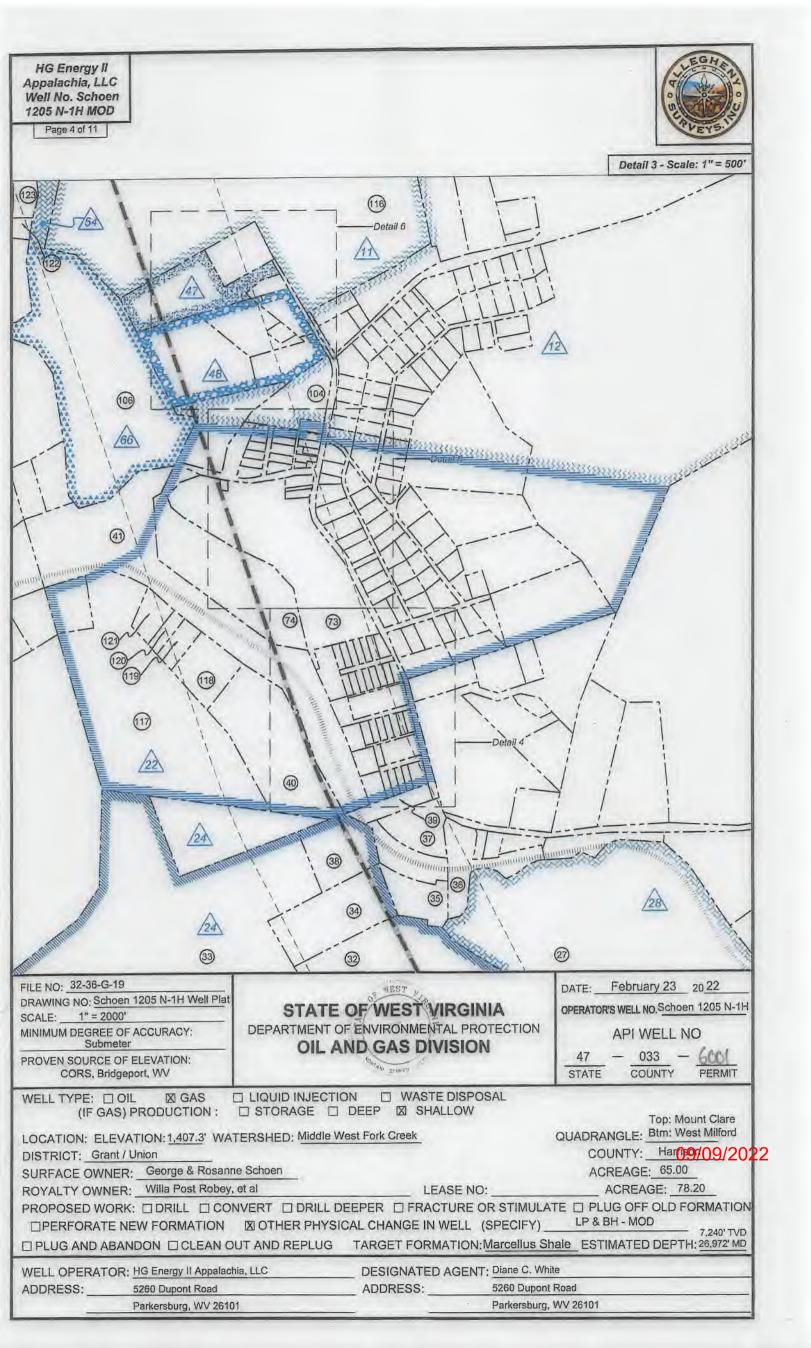
OPERATOR'S WELL NO. Schoen 1205 N-1H API WELL NO 033 - 600/ 47 STATE COUNTY PERMIT

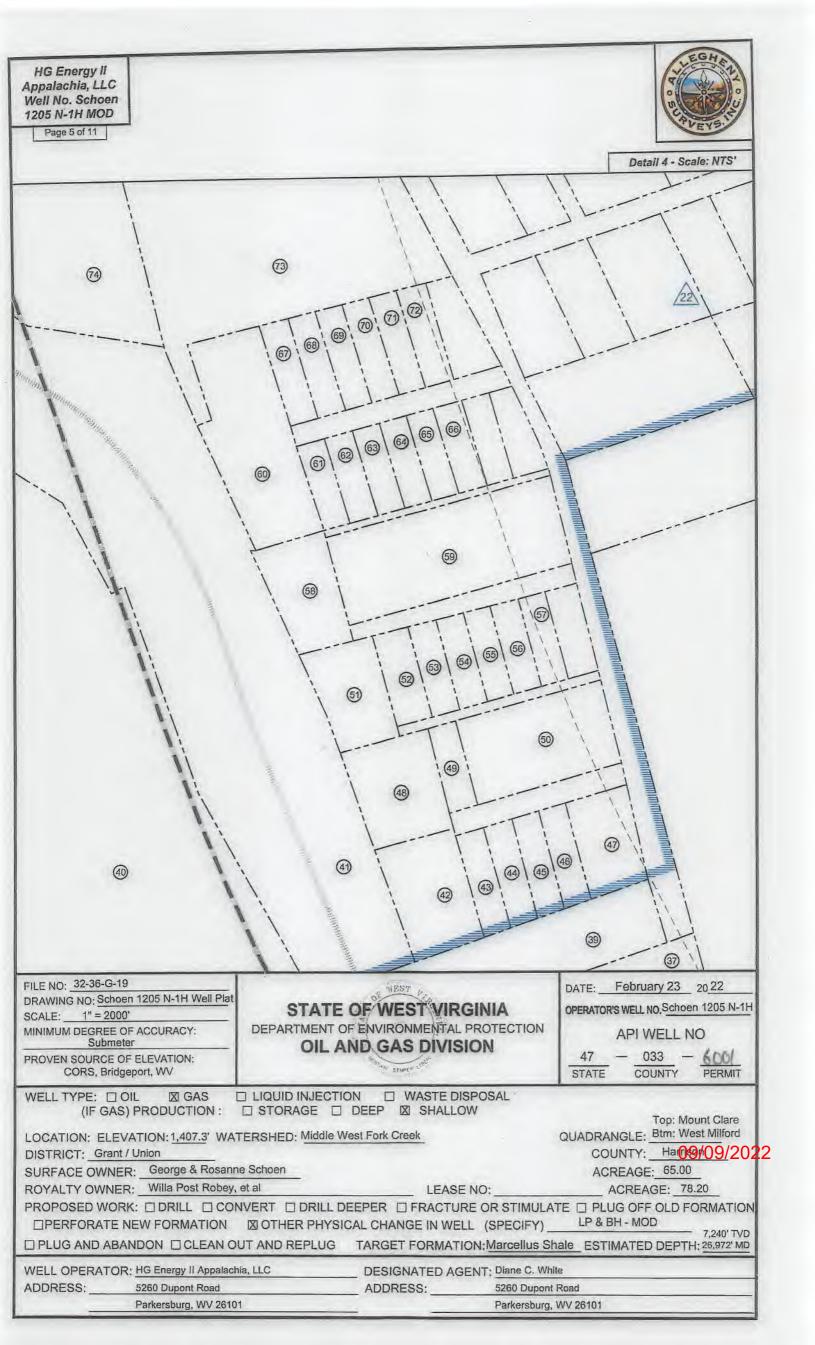
February 23

20 22

WELL TYPE: ☐ OIL ☒ GAS (IF GAS) PRODUCTION:	☐ LIQUID INJECTION☐ STORAGE☐ DEE	☐ WASTE DISPO P ☒ SHALLOW		Top: Mount Clare
LOCATION: ELEVATION: 1,407.3' WAT	TERSHED: Middle West Fo	rk Creek	QUADRANGLE:	Btm: West Milford
DISTRICT: Grant / Union				Har@9/09/2022
SURFACE OWNER: George & Rosann	e Schoen		ACREAGE	C - 1127117918
ROYALTY OWNER: Willa Post Robey,		LEASE NO	: ACREA	GE: 78.20
PROPOSED WORK: ☐ DRILL ☐ COI ☐ PERFORATE NEW FORMATION			100011 110	Contract of the property of the contract of
☐ PLUG AND ABANDON ☐ CLEAN O	UT AND REPLUG TAR	RGET FORMATION:	Marcellus Shale ESTIMATED	
WELL OPERATOR: HG Energy II Appalach	nia, LLC DE	SIGNATED AGENT	: Diane C. White	
ADDRESS: 5260 Dupont Road	AI	DDRESS:	5260 Dupont Road	
Parkersburg, WV 2610	1		Parkersburg, WV 26101	

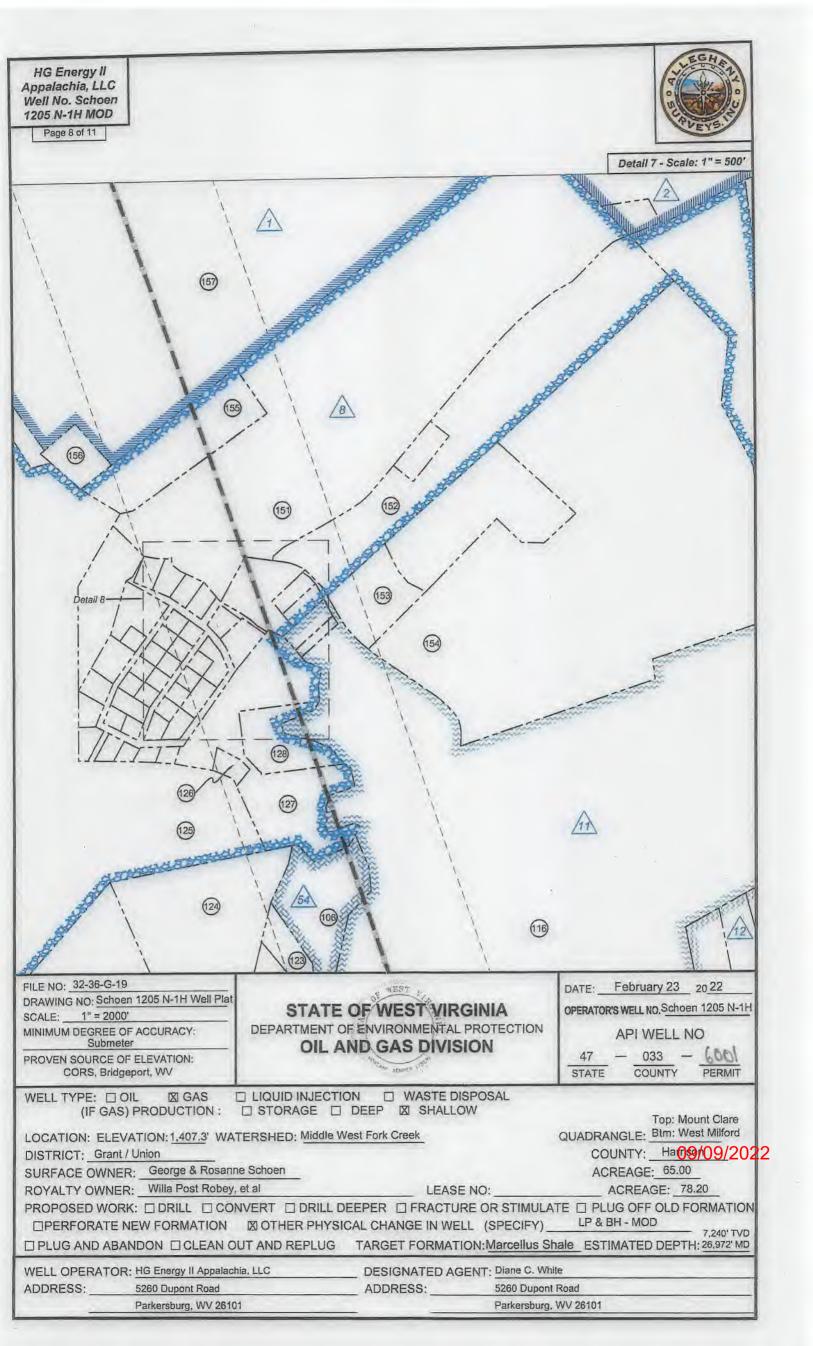


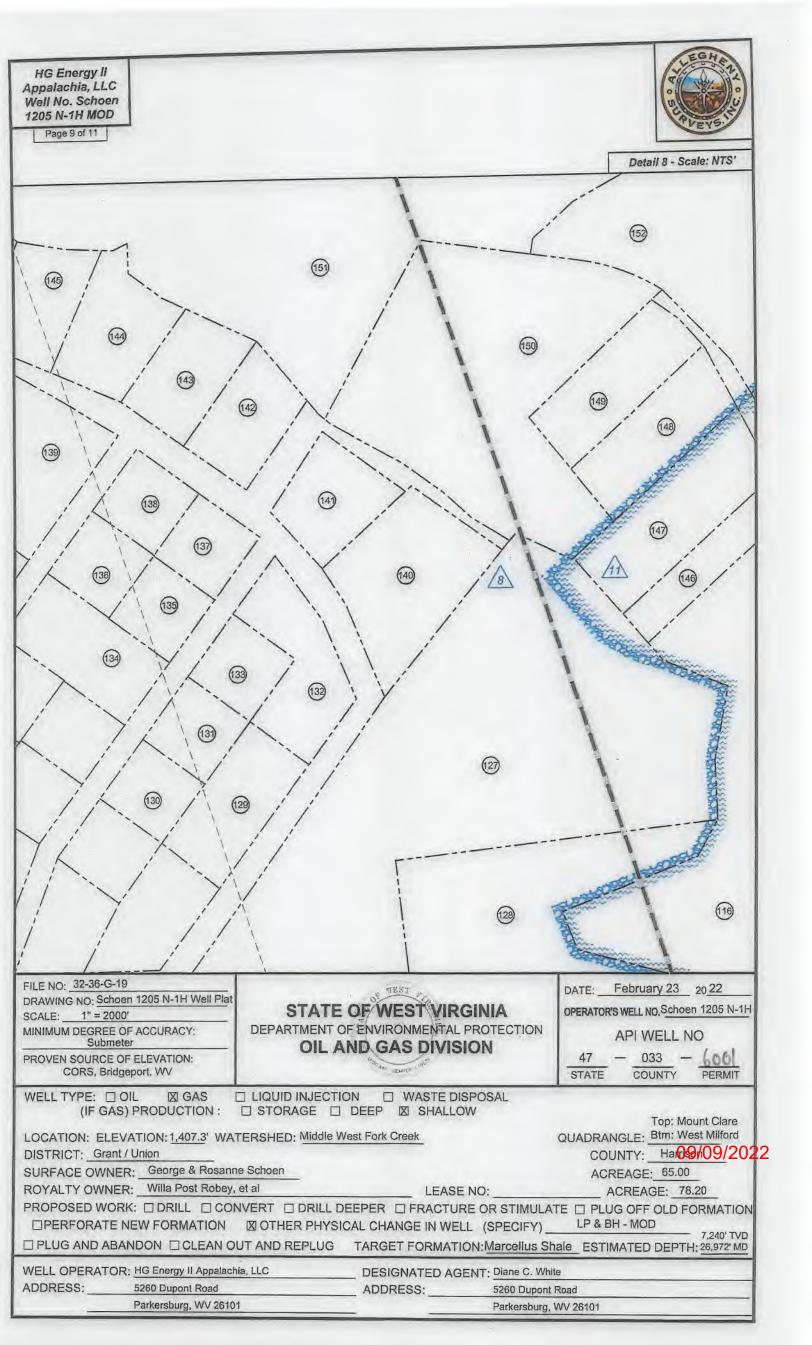






HG Energy II Appalachia, LLC Well No. Schoen 1205 N-1H MOD Page 7 of 11 Detail 6 - Scale: NTS' 116 (115) (114) (104) FILE NO: 32-36-G-19 February 23 20 22 DATE: _ TEST DRAWING NO: Schoen 1205 N-1H Well Plat STATE OF WEST VIRGINIA OPERATOR'S WELL NO. Schoen 1205 N-1H 1" = 2000' MINIMUM DEGREE OF ACCURACY: Submeter DEPARTMENT OF ENVIRONMENTAL PROTECTION API WELL NO OIL AND GAS DIVISION PROVEN SOURCE OF ELEVATION: 47 033 -CORS, Bridgeport, WV COUNTY PERMIT STATE WELL TYPE: □ OIL X GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW Top: Mount Clare QUADRANGLE: Btm: West Milford LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek DISTRICT: Grant / Union COUNTY: Har 09/09/2022 SURFACE OWNER: George & Rosanne Schoen ACREAGE: 65.00 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) _ LP & BH - MOD TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,972' MD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101





Page 10 of 11



No.	TM / Par	Owner'	Bk/Pg	Ac.
1	447/2	George & Roseanne Schoen	1148 / 1059	65.00
2	446 / 29	John F. McCuskey II, et al	1121 / 25	75.00
3	446 / 28.2	David D. Vanhorn (LE), et al	W177 / 92	42.66
4	446 / 28.4	Bradford Vanhorn	1381 / 1181	1,52
5	446 / 28.5	Robert L. Vanhom	1352 / 91	1.52
6	446 / 15	Vera E. & Oral K. Haught	1582 / 896	14.40
7	446 / 12	Marilyn Gaines	1192 / 300	2.93
8	446 / 28.1	Andrew Schrader & Melinda Davis	1478 / 252	0.45
9	446 / 28.3	Sharon Willie	1349 / 1253	0.45
10	446 / 28	Larry E. Wilson II	1344 / 1211	0.57
11	446 / 15.1	David & Grace Hughes	1257 / 694	0.31
12	446 / 26.1	Robert Mendez Jr.	1435 / 330	0.18
13	446 / 24.5	Lester L. Cook Sr.	1364 / 265	0.21
14	446 / 24.1	Brooke & Lillie Swisher	1432 / 856	0.15
15	446 / 24.4	Brooke & Lillie Swisher	1432 / 856	0.03
16	446 / 24.2	Daniel Frazier (LE)	W165 / 1065	0.20
17	446 / 24.3	Mark & Karen Will	1157 / 579	0.58
18	446 / 24	Robert N. Rector (LE)	1621 / 719	82.90
19	446 / 7	James R. & Sharon L. Allman	1437 / 165	91.79
20	446/6	Robert N. Rector (LE)	1621 / 719	49.33
21	446/5	Kathy D. Bennett	W184 / 51	20.83
22	426 / 76	Ethan Stonko	1622 / 771	7.00
23	426 / 77	Kenneth E. Rigdon	1569 / 903	28.20
24	426 / 64	Eugene Alkire Jr.	1271 / 1183	2.00
25	426 / 66	Michael W. & Robert D. Rector	1621 / 719	41.78
26	426 / 65	G. Thomas Smith	1277 / 1174	29.79
27	426 / 50	G. Thomas Smith	1277 / 1174	66.80
28	426 / 42	Cathleen Spitler (LE), et al	1405 / 449	11.69
29	426 / 42.1	Andrew D. & Sarah N. Spitler	1669 / 645	0.57
30	426 / 43.1	Andrew D. & Sarah N. Spitler	1669 / 645	0.62
31	426 / 44	AL-N-EL Farms, LLC	1623 / 1057	17.73
32	426 / 45	Constance & Gary I. Saunders II	1591 / 100	12.43
33	426 / 40	AL-N-EL Farms, LLC	1623 / 1057	57.9
34	426 / 46	Constance & Gary I. Saunders II	1591 / 100	4.00
35	426 / 47	Constance & Gary I. Saunders II	1591 / 100	1.00
36	426 / 48.2	John E. Messenger	1351 / 206	2.19
37	426 / 29	Daniel R. & Lana M. Messenger	1194 / 1027	1.50
38	426 / 28	Constance & Gary I. Saunders II	1591 / 100	2.32
39	426 / 30	Daniel R. & Lana M. Messenger	1151 / 210	0.82
40	426 / 26	David L. Bowles	1518 / 1298	6.05

No.	TM / Par	Owner	Bk/Pg	Ac.
41	426 / 27	Antonio P., LLC	1503 / 291	6.53
42	2005 / 68	Wilma L. & George W. Bennett, III	1655 / 43	0.43
43	2005 / 62	George W. Bennett Jr.	W149 / 468	0.14
44	2005 / 63	George W. Bennett Jr.	W149 / 468	0.13
45	2005 / 64	James L. & Margie H. Fultineer	1340 / 1154	0.12
46	2005 / 65	James L. & Margie H. Fultineer	1340 / 1154	0.12
47	2005 / 67	Daniel M. & Nita M. Richards	1619 / 832	0.29
48	2005 / 69	Wilma L. & George W. Bennett, III	1169 / 953	0.31
49	2005 / 56	Kathy D. Bennett	1374 / 379	0.11
50	2005 / 61	Kathy D. Bennett	1380 / 737	0.55
51	2005 / 70	Grant-Union Public Service District	1169 / 953	0.31
52	2005 / 39	Kathy D. Bennett	1281 / 712	0.11
53	2005 / 40	Kathy D. Bennett	1281 / 712	0.11
54	2005 / 41	Kathy D. Bennett	1281 / 712	0.11
55	2005 / 42	Kathy D. Bennett	1281 / 712	0.11
56	2005 / 43	Kathy D. Bennett	1281 / 712	0.11
57	2005 / 44	Kathy D. Bennett	1281 / 712	0.11
58	2005 / 71	Brenda Withers	1374 / 1062	0.32
59	2005 / 33	Brenda R. Withers & Mary V. Hayes	1344 / 136	0.88
60	2005/5	Michael A. Wright (Lots 30-44)	1626 / 1172	2.47
61	2005 / 16	Michael A. Wright	1626 / 1172	Lot 37
62	2005 / 17	Michael A. Wright	1626 / 1172	Lot 38
63	2005 / 18	Michael A. Wright	1626 / 1172	Lot 35
64	2005 / 19	Michael A, Wright	1626 / 1172	Lot 34
65	2005 / 20	Michael A. Wright	1626 / 1172	Lot 33
66	2005 / 21	Michael A. Wright	1626 / 1172	Lot 32
67	2005/6	Michael A. Wright	1626 / 1172	Lot 44
68	2005/7	Michael A. Wright	1626 / 1172	Lot 43
69	2005/8	Michael A. Wright	1626 / 1172	Lot 42
70	2005/9	Michael A. Wright	1626 / 1172	Lot 4
71	2005 / 10	Michael A. Wright	1626 / 1172	Lot 40
72	2005 / 11	Michael A. Wright	1626 / 1172	Lot 39
73	426 / 34.1	Jacob D. & Nancy L. Post	1023 / 150	9.27
74	426 / 20	Grafton Coal Company	1016 / 223	6.00
75	2015 / 78	Quintin J. Moore & Lora K. Varner	1602 / 451	0.28
76	2015 / 79	William R. Reed Jr.	1403 / 601	0.33
77	2015 / 80	Thomas M. Tice & Michelle L. Liptak	1319 / 1062	0.36
78	2015 / 81	Jesse D. Garrett	1403 / 1133	0.29
79	2015 / 82	John & Mary R. Miller	1397 / 1177	0.22
80	2005 / 55	Gale L. & Melissa A. Zickefoose	1475 / 318	0.12

FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 N-1H 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:	February 23	20 22

OPERATOR'S WELL NO. Schoen 1205 N-1H

API WELL NO

47 - 033 - 600| STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☐ GAS ☐ LIQUID INJECTION (IF GAS) PRODUCTION : ☐ STORAGE ☐		Top: Mount Clare
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle W. DISTRICT: Grant / Union SURFACE OWNER: George & Rosanne Schoen ROYALTY OWNER: Willa Post Robey, et al	est Fork Creek LEASE NO:	QUADRANGLE: Btm: West Milford COUNTY: Har@/09/2022 ACREAGE: 65.00
PROPOSED WORK: □ DRILL □ CONVERT □ DRILL DE □ PERFORATE NEW FORMATION ☑ OTHER PHYSIC□ PLUG AND ABANDON □ CLEAN OUT AND REPLUG	EEPER FRACTURE OR ST CAL CHANGE IN WELL (SPEC	TIMULATE ☐ PLUG OFF OLD FORMATION CIFY) LP & BH - MOD
WELL OPERATOR: HG Energy II Appalachia, LLC ADDRESS: 5260 Dupont Road Parkersburg, WV 26101		e C. White Dupont Road ersburg, WV 26101

Page 11 of 11



No.	TM / Par	Owner	Bk/Pg	Ac.
81	2005 / 54	Flossie B. Cogis	1247 / 10	0.08
82	2005 / 53	Flossie B. Cogis	1247 / 10	0.17
83	426 / 34.4	Grant-Union Public Service District	1170 / 132	0.03
84	2005 / 46	Flossie B. Cogis	W175 / 144	0.17
85	2005 / 48	Donald J. & Shelly A. Cavalier	1673 / 24	0.12
86	2005 / 36	Robert M. Tangari	1193 / 686	0.40
87	2005 / 24	Robert M. Tangari	1193 / 686	0.10
88	2005 / 13	Robert M. Tangari	1193 / 686	0.09
89	2005 / 1	Robert M. Tangari	1193 / 686	80.0
90	2005 / 50	Mary L. Smith, et al	W177 / 1179	48 SF
91	2005 / 49	Amanda D. Lewis & James A. Newman	1602 / 1229	0.15
92	2005 / 37	Timothy H. Bennett	1398 / 1065	0.12
93	2005 / 25	Timothy H. Bennett	1398 / 1065	0.12
94	2005 / 14	Timothy H. Bennett	1398 / 1065	0.12
95	2005/2	Timothy H. Bennett	1398 / 1065	0.11
96	2005 / 51	Timothy H. Bennett	1398 / 1065	0.17
97	2005 / 52	Timothy H. Bennett	1398 / 1065	0.05
98	2005 / 38	Timothy H. Bennett	1398 / 1065	0.09
99	2005 / 26	Timothy H. Bennett	1398 / 1065	0.00
100	2005 / 27	Timothy H. Bennett	1398 / 1065	0.06
101		Timothy H. Bennett	1398 / 1065	0.11
102	-	Timothy H. Bennett	1398 / 1065	0.10
103	2005 / 4	Timothy H. Bennett	1082 / 69	0.16
104	426 / 11	Nancy Sue Greaver	1231 / 836	2.00
105	426 / 10	Judith A. Eaton	1400 / 929	2.73
106	426 / 8	Antonio P. LLC	1503 / 291	19.00
107	426 / 9.1	Rose Belle	1609 / 568	4.30
108	426/9	Juliet Rose Belle	1603 / 338	1.38
109	406 / 36.2	Eugene Ray Messer	1619 / 210	0.21
110	406 / 36.1	Walter D. Snider & Rebecca A. Kayser	1346 / 961	1.74
111	406 / 36	Jacob & Nancy Post	1045 / 273	0.90
112	406 / 36.3	Grant-Union Public Service District	1164 / 952	0.03
113	406 / 37.1	Danielle Davisson & Robert Radabaugh	1515 / 979	0.32
114	406 / 37	Gregory & Jaqueline Abraham	1301 / 236	3.54
115	406 / 38	Judith Hayhurst	935/9	1.45
116	406 / 24	Clarence Howe Woodford II, et ux	W163/1145	160.49
117	426 / 25	Antonio P., LLC	1503 / 291	14.89
118	426 / 24	Ronald H. & Katherine R. Dever	1436 / 1133	1.76
119	426 / 23	Virginia M. Davisson	1349 / 60	0.62
120	426 / 22	Virginia M. Davisson	1349 / 60	0.37
121	426 / 21	Virginia M. Davisson	1349 / 60	0.75

No.	TM / Par	Owner	Bk/Pg	Ac.
122	406 / 34	Antonio P., LLC	1421 / 1185	0.26
-	406 / 33	Antonio P., LLC	1426 / 36	1,52
	406 / 31	Antonia P., LLC	1503 / 291	14.65
-	406 / 28	Antonio P., LLC	1503 / 291	176.82
200	408 / 21.5	Monongahela Power Co.	1083 / 210	0.45
	406 / 21.1	Terry L. & Cathy D. Williams	1662 / 1294	9.66
1000	406 / 21.4	Monongahela Power Co.	1083 / 210	2.76
129		James & Megan Kennedy	1594 / 1121	0.43
-	406A / 24	Vincent & Amber Olliverio	1600 / 576	0.23
131	406A / 23	Timothy Ross	1349 / 303	0.23
132		James S. Skinner	1559 / 1053	0,47
133	406A / 22	James S. Skinner	1515 / 519	0.23
134	406A/7	Charles & Naomi Burkhammer	1506 / 1150	0.46
135		Jerry Hughes	1095 / 649	0.23
700.0	406A / 13	James & Nancy Karis	1174 / 835	0.23
137	406A / 5	Jerry Hughes	1095 / 649	0.23
138		James & Nancy Karis	1068 / 939	0.23
139		Kathryn M. Fittro	1191 / 555	1.27
140	406A / 35	Harley R. & Linda L. Coberly	1229 / 315	0.79
141	406A / 20	Stephen & Shiela Nelson	1266 / 1097	0.36
142	-	Ernie & Linda Morgan	1266 / 35	0.35
143		Ernie & Linda Morgan	1266 / 35	0.35
144		David & Nancy Nester	1079 / 620	0.44
145	THE PROPERTY AND A PERSON OF THE PERSON OF T	David & Nancy Nester	1079 / 620	0.42
-	406 / 24.2	Steven & Shanna Bolyard	1558 / 892	0.32
147	406 / 24.1	Steven & Shanna Bolyard	1558 / 892	0.72
148		David L. Scranage & Eva L. Scranage	952 / 204	0.38
149	406 / 22.1	David L. Scranage & Eva L. Scranage	912 / 274	0.46
150	406 / 21.7	Eva L. Scranage	1427 / 565	2.26
151	406 / 21.8	Brian K. & Jayme E. Lowther	1506 / 806	49.53
152		Robert K. Lowther	1427 / 565	17.44
153	406 / 23.1	Monongahela Power Co.	1192 / 644	3.12
154	406 / 23	Roger L. & Teri A. Wilmoth	1332 / 1017	57,94
155	406 / 21.9	Brian K. & Jayme E. Lowther	1652 / 85	6.03
156	406 / 20	Seventh Day Baptist Church	15/302	1.00
157	406/8	Robert J. Stenger	1621 / 54	166,25
158	406 / 7.13	Michael L. & Clenta V. Bond	1368 / 579	4.26
159		Michael L. & Clenta V. Bond	1393 / 1095	4.27
160	406 / 6	Richard K. Williams	1344 / 966	40.12
161	386 / 108	John L. Stenger	1309 / 666	7.44
162		John L. & Mary E. Stenger	1580 / 204	309.00

DRAWING NO: Schoen 1205 N-1H 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: _	February 23	20 22
OPERATO	R'S WELL NO. School	en 1205 N-1H
	API WELL I	OV

47 - 033 - 606 STATE COUNTY PERMIT

CORS, Bridger	port, VVV	ANY STREET LINE		STATE	COUNTY	PERMIT
WELL TYPE: □ OI (IF GAS)			TE DISPOSAL HALLOW		Top: M	ount Clare
DISTRICT: Grant / I	CITY OF THE PARTY	HED: Middle West Fork Creek		200	BLE: Btm: W	est Milford 9/09/2022
	Willa Post Robey, et al		EASE NO:		REAGE: 7	and the second
□PERFORATE N	EW FORMATION 🗵 O	TO DRILL DEEPER FRA	WELL (SPECIFY)	LP & BH	- MOD	7,240' TVD
☐ PLUG AND ABAN	DON CLEAN OUT AN	ID REPLUG TARGET FOR	MATION: Marcellus	Shale_ESTIMA	ATED DEPT	
WELL OPERATOR:	HG Energy II Appalachia, LLC	DESIGNATE	D AGENT: Diane C. V	/hite		
ADDRESS:	5260 Dupont Road	ADDRESS:	5260 Dupo	nt Road		
	Parkarshura WW 26101		Parkasehur	a MM/ 26101		

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

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 A	ppalachia, LLC	
By:	Diane White	Diane White	
Its:	Accountant		

HG Energy II Appalachia, LLC - Schoen 1205 N1H Lease Chain

1:	205 Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
1	1	HGII01843	12-0406-0008-0000	Q100253000	MORRIS MOUNTAINEER OIL AND GAS LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1718	1192
					LOCIE C. STOUT, WIDOW; MARY STOUT WOLFE, WIDOW; AND IVA H. STOUT, WIDOW	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	992	522
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	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
1					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
- 1	2	LC071331	12-0406-0009-0000	Q100509000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
- 1					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
1					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		
- 1					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
	Ì			-			THIRD AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
ł					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	LEWIS 736	220
					PORTER MAXWELL AND BERTHA B. MAXWELL, HUSBAND AND WIFE; AND W. BRENT MAXWELL AND LILLIE J. MAXWELL, HUSBAND AND				
ł					WIFE	JOHN C. CHIDESTER	NOT LESS THAN 1/8	175	450
1	1				JOHN CHIDESTER	THE PHILADELPHIA COMPANY OF WEST VIRGINIA	ASSIGNMENT	UNRECORDED	
ı					THE PHILADELPHIA COMPANY OF WEST VIRGINIA	PITTSBURGH AND WEST VIRGINIA GAS COMPANY	ASSIGNMENT	236	111
4			12-0406-0021-0000		PITTSBURGH AND WEST VIRGINIA GAS COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	504	353
1			12-0406-0021-0001		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
1			12-0406-0021-0002		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
			12-0406-0021-0003		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
ļ			12-0406-0021-0004 12-0406-0021-0005				LATER OF A MANAGE SHANGE		262
1	8	LC052223	12-0406-0021-0006	Q101129000	CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58 1522	362 33
			12-0406-0021-0007	4	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
			12-0406-0021-0008 12-0406-0025-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
1			12-0406-0028-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
i			and		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
- 1			12-406A-0001-0000 through		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
			12-406A-0041-0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
		l			DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
		[SECOND AMENDMENT TO MEMORANDUM OF		
- 1					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	. 581
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295

	<u> </u>			7	CONSOLIDATED GAS SUPPLY CORPORATION (WHOSE		1	
	1			C. H. WOODFORD AND CONSTANCE WOODFORD, HIS WIFE; AND LUC		1		
					COMPANY)	NOT LESS THAN 1/8	952	156
		l		M. WOODFORD, WIDOW HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
		1		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 OF FARMOUT AGREEMENT	1522	33
		12 0406 0024 0000		DOMINION TRANSMISSION, INC.	CINA GAS COMIFAINT ELEC	FIRST AMENDMENT TO MEMORANDUM OF		
11	LCOCOAEE	12-0406-0024-0000	Q100812000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
11	LC068455	12-0406-0024-0001 12-0406-0024-0001	Q100812000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
		12-0400-0024-0001		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
				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	
		1		DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	SECOND AMENDMENT TO MEMORANDUM OF		
		l		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
1				DOMINION ENERGY TRANSMISSION, INC.	ING ENERGY II AT I ALACHIA, LEC	THIRD AMENDMENT TO MEMORANDUM OF		
		i i		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
	 			BOWING TENENT TO MISSION, INC.	110 2112101 1111111 201111 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	·		,	H. D. SMITH AND EMMA J. SMITH, HIS WIFE; W. VIRGINIA SMITH;			1	
				AND, LORELEI S. BUTLER AND HERMAN BUTLER, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	823	165
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
		1		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
	Ì			CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	799
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
					CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF		
		1		DOMINION TRANSMISSION, INC	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	49:
				DOMINION TRANSMISSION, INC.		ASSIGNMENT	1543	1235
/ 54	LC068616	p/o 12-0426-0008-0000	Q100816000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.		1576	125
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1600	692
	i	ŀ		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT		69,
			•	DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
	1					SECOND AMENDMENT TO MEMORANDUM OF	4604	50
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	58:
		ŧ i						
		i				THIRD AMENDMENT TO MEMORANDUM OF		420
1				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	129
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	108
47	HGII01332	12-406-37	HGII01332	GREGORY A. ABRAHAM & JACQUELINE D. ABRAHAM	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1705	172
				J.O. BUTCHER AND DOROTHY H. BUTCHER, HUSBAND AND WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	780	58
		!		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	17
		1	1	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	25
1		1		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	79
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	36
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	3
			1	2 Sit in attainment in		FIRST AMENDMENT TO MEMORANDUM OF		
		1	i	I	0.174 0.40 0.04 0.41 0.41 0.41	FARMOUT AGREEMENT	1524	49
				DOMINION TRANSMISSION, INC.	ICNX GAS COMPANY LLC	FARIVIOUT AGRECIVIENT	1324	7-2
		12-0426-0009-0000		DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC	CNX GAS COMPANY LLC NOBLE ENERGY, INC.	ASSIGNMENT	1543	123

I	48	LC066804	12-0406-0036-0001	Q100890000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
			12-0406-0036-0002		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
-			12-0406-0036-0003		NODEL ENERGY INC.	THE ENERGY WATER COMMY ELECTRICAL COMMY			
X									
					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	1601	581
- 1							THIRD AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
┢					E. S. SWISHER AND NETTIE M. SWISHER, HIS WIFE, ELLA MCKEEVER,				
\			12-0406-0040-0000		WIDOW, MARY M. BUSH AND EARLE BUSH, HER HUSBAND, JESSIE				
			12-0406-0041-0000		SWISHER, A WIDOW, J. HUGH SWISHER AND ALICE SWISHER, HIS				
			12-0406-0042-0000		WIFE, FRANK SWISHER, SINGLE, HIS WIFE, BEULAH S. SWISHER,				
			12-0406-0047-0001		SINGLE, AND ROBERT A. SWISHER, SINGLE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	952	156
			12-0406-0044-0000		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
			12-0406-0044-0001		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
			12-0406-0045-0001		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
			12-0406-0046-0001		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
			12-0406-0047-0001		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
レ	′		12-0426-0012-0000				FIRST AMENDMENT TO MEMORANDUM OF		
	12	LC066951	p/o 12-0426-0012-0001	Q101110000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
			12-2005-0004-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
- 1			43 3405 0004 0000 45		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
			12-2105-0001-0000 thru		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
			12-2105-0024-0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
			12 2105 0026 0000 thru		NOBLE ENERGY, INC.	III EIVERGT II AFFALACIIIA, ELC	ASSIGNMENT	1000	
			12-2105-0026-0000 thru 12-2105-0037-0000						
			12-2103-0037-0000		DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
			· 12-2105-0039-0000 thru				SECOND AMENDMENT TO MEMORANDUM OF		
			12-2105-0054-000		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
			12-2103-0054-000				THIRD AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
Г					HATTIE B. CUMMINS, SINGLE, H. D. SMITH AND EMMA J. SMITH, HIS				
1					WIFE, W. VIRGINIA SMITH, SINGLE, LORELEI S. BUTLER AND HERMAN		1	l	
					F. BUTLER, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	823	128
			1		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
			<u> </u>		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
			1		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
١,					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
ď			j j				FIRST AMENDMENT TO MEMORANDUM OF		
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
	66	LC068614	p/o 12-0426-0008-000	Q100815000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
			<u> </u>		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	
Ī							SECOND AMENDMENT TO MEMORANDUM OF		
]		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581

			•	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	ASSIGNMENT (68%)	1637	108
		12-0426-0026-0000		A. W. SMITH	TRI-STATE GAS COMPANY	NOT LESS THAN 1/8	139	45
		p/o 12-0426-0010-0000		TRI-STATE GAS COMPANY, WHEELING NATURAL GAS COMPANY AND				
		p/o 12-0426-0012-0000		THE MANUFACTURERS LIGHT AND HEAT COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	202	37
		p/o 12-0426-0012-0001						
		12-0426-0034-0001						
		12-0426-0034-0003 thru		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	17
		12-0426-0034-0007						
		12-2005-0001-0000 thru		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	25
		12-2005-0015-0000		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	79
		12-2005-0024-0000 thru		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	36
		12-2005-0027-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	3
		12-2005-0033-0000		DOMINION TRANSMISSION, INC.	CNA GAS COMITAINT LLC	FIRST AMENDMENT TO MEMORANDUM OF		
		12-2005-0036-0000 thru		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	49
		12-2005-0046-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	123
→ 22	LC021475	12-2005-0048-0000	Q100927000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	12
		12-2005-0050-0000 thru		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	94
		12-2005-0056-0000		CIW OND COMPANY LLC	Hobel Effects () into			
		12-2005-0061-0000 thru						
		12-2005-0065-0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	69
		12-2005-0067-0000 thru		NOBEL ENERGY, INC.	III ENERGI II ALI ALACIIIA, LEC	POSIGINIENT		
		12-2005-0071-0000 20-2015-0034-0000 thru 20-2015-0039-0000 20-2015-0052-0000 thru						
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
						SECOND ANAENDMENT TO MENODANDUM OF		
r	}	20-2015-0062-0000			LIG THERON II ARRAM AGUA LIG	SECOND AMENDMENT TO MEMORANDUM OF	1601	. 58
		20-2015-0064-0000 thru		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1001	. 36
•		20-2015-0096-0000				THIRD AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	129
				HUGH C. DAVIS AND MARTHA L. DAVIS, HIS WIFE; JANE D. POST AND				
		1		JACOB S. POST, HER HUSBAND; JESSIE S. DAVIS; GEORGIA A. BARNES;			·	
				LEWIS E. DAVIS	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	983	61
1				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	25
ŀ				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	79
ł				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	36
		12-0426-0028-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	
		p/o 12-0426-0040-0000				FIRST AMENDMENT TO MEMORANDUM OF		١
24	LC066781	p/o 12-0426-0044-0000	Q100885000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	49
		12-0426-0045-0000	4	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	123
		12-0426-0046-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	12
,				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	94
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	69
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					LIG ENERGY II ARRALAGUIA	SECOND AMENDMENT TO MEMORANDUM OF	1001	
1				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	5
	1			DOMINION ENERGY TRANSMISSION ING	HIG ENERGY II ARRAI AGUIA HIG	THIRD AMENDMENT TO MEMORANDUM OF	1621	129
		ļ		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT		
i				LILLIE GIFFORD, WILBUR STOUT, AND MABEL STOUT	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	779	
1		1		HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	CONFIRMATORY DEED ASSIGNMENT	903 1136	

	1	1	1	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
		1	1	CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
		'	1	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
		12-0426-0050-0000	1	DOMINION TRANSMISSION, INC.	CHA GAS COMI ANT LLC	FIRST AMENDMENT TO MEMORANDUM OF		
_ 28	LC066772	12-0426-0051-0000	Q100649000	DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
, 20	10000772	12-0420-0031 0000	1	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
		.]	1	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
	· ·	1	1	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
	1	1	1	DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
	1	1	1	NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
		1	1	NODLE ENERGY, INC.	ING ENERGY II AFFALACITIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF		
	·	·	1	DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
				TAINEDY WIROUT DODERY C VENNEDY AND VENNA ICE	·			
	. '	1	1	MARY E. KENNEDY, WIDOW; DORSEY C. KENNEDY AND VELMA ICE	1	· 1		J
	·	1	1	KENNEDY, HIS WIFE; HARRY W. KENNEDY AND LILLIAN A. KENNEDY,	1	1		. 1
	·	1	1	HIS WIFE; JOHN L. KENNEDY AND REVA B. KENNEDY, HIS WIFE;	1	1		,
	1	1	1	MARTHA E. WILCOX, WIDOW; LELA K. RUMBLE, WIDOW; SUE K.	1	1	1	,
	1	1	1	SWISHER, WIDOW; KATHERINE BUTLER AND THERMAN BUTLER, HER	1			J
	1	1	1	HUSBAND; EVA WOLFE AND LYNN B. WOLFE, HER HUSBAND; S. G.	1			,
	1	1	1	KENNEDY AND JESSIE L. KENNEDY, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	782	176
	1	1	1	HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
	1	1	1	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
	1	1	1	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
้าสด	LC066833	12-0426-0077-0000	Q100840000	CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
30	1000000	12-0426-0064-0000	Q1000-10000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
	1	1	1			FIRST AMENDMENT TO MEMORANDUM OF		
	1	1	1	DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
		1		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
	1	1	1	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
		1	1	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
	1	1	1	DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
	1	1	1	NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
	1	1	1			SECOND AMENDMENT TO MEMORANDUM OF		
		'		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
		1				THIRD AMENDMENT TO MEMORANDUM OF		
		·	1	DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
		7		THE PROPERTY OF THE PROPERTY O				•
		1	1	MARCELLA R. BOND AND H. D. BOND, HER HUSBAND; S. ERLOW DAVIS	1			
	1	1	1	AND ANTHA DAVIS, HIS WIFE; HUGH C. DAVIS AND MARTHA DAVIS,	1	ĺ		
	l	1	1	HIS WIFE; GEORGIA A. BARNES, WIDOW; ALTHEA J. RANDOLPH,	1	l I		
	•	'	1	WIDOW; JANE D. POST AND JACOB S. POST, HER HUSBAND; ROXIE	1	1		
		'	1	VEITH, SINGLE; JOHN A. VEITH, SINGLE; HALLIS VEITH, SINGLE; GRACE	1	1	1	
		1	1	VEITH, SINGLE; JESSIE S. DAVIS, WIDOW; JOHN B. GRUMBEIN,	1	1	Ī	
	1	'	1	WIDOWER; JOHN D. PICKENS AND HELEN N. PICKENS, HIS WIFE;	1		!	
		1	1	LOUISE B. BELCHER AND EARL J. BELCHER, HER HUSBAND; LEWIS E.		l l	ı	
		'	1	DAVIS AND LENORE DAVIS, HIS WIFE; LETTA M. BOND, SINGLE; PAUL	1	1	1	
	1	1		V. BOND AND EVALEEN K. BOND, HIS WIFE; EVERETT O. DAVIS AND	1	- 1	Ī	
			1	RUTH M. DAVIS, HIS WIFE; G. M. BASSEL AND MAUDE S. BASSEL, HIS	1	1	· I	
			1	WIFE; CLETT MOUNT AND HELEN MOUNT, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	787	418
		1	1	HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
32	LC066976	12-0446-0007-000 et al	Q100894000	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
		· · · · · · · · · · · · · · · · · · ·	1	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	79
	1	1	1	[CONSOLIDATED GAS TRANSMISSION CORPORATION				

	I	l l		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	
						FIRST AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	49
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	123
	İ			DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	12
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	94
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	69
	1	1		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	1601	58
		·		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	129
				S. J. DAVISSON	TRI-STATE GAS COMPANY	NOT LESS THAN 1/8	139	4
	LC021468	12-0446-0006-0000 12-0446-0006-0002	Q100321000	TRI-STATE GAS COMPANY, WHEELING NATURAL GAS COMPANY AND				
				THE MANUFACTURERS LIGHT AND HEAT COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	202	3
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	1
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	25
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	79
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	- 58	3
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	
				DOMINION THATSMISSION, INC.		FIRST AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	4
- 31				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	12
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	1
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	9
					DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	6
				NOBLE ENERGY, INC.	ING ENERGY II AFFALACHIA, LEC	SECOND AMENDMENT TO MEMORANDUM OF	1000	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF	1601	5
				TO A MANUAL TANDED BY TRANSPARIES MICEION, INC.	LIC ENERGY II ARRAI ACHIA LLC	FARMOUT AGREEMENT	1621	129
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	LEWIS 736	2
				DOMINION ENERGY TRANSMISSION, INC.				
	LCO21469	12-0446-0024-0000 12-0446-0024-0001 12-0446-0024-0002 12-0446-0024-0003 12-0446-0024-0004 12-0446-0024-0005 12-0446-0026-0001	Q101114000	J. N. RECTOR AND JULIA E. RECTOR	TRI-STATE GAS COMPANY	NOT LESS THAN 1/8	139	4
				TRI-STATE GAS COMPANY, WHEELING NATURAL GAS COMPANY AND				_
				THE MANUFACTURERS LIGHT AND HEAT COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	202	3
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	1
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	2
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	7
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	3
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	
45				CNX:GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	12
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	1
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	9
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	6
				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	12
		 	 	EMMA A. WAGGONER, WIDOW; W. A. WAGGONER AND MINNIE				
		1		WAGGONER, HIS WIFE; AND W. GEORGE WAGGONER AND VIRGINIA				
	1			WAGGONER, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	777	3
	1			IWAGGUNER, HIS WIFE				

1		i]	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
46		12-0446-0028-0000 12-0446-0028-0011 12-0446-0028 0002 12-0446-0028-0003	Q101137000	CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
	LC066702			CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
1				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
		12-0446-0028-0004		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
		12-0446-0028-0005		DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	wvsos	
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
						SECOND AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1601	581
		1				THIRD AMENDMENT TO MEMORANDUM OF		
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	1621	1295
				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	269
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
		1		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
39	LC074399	12-0447-0001-0000 12-0447-0002-0000	Q100514000			FIRST AMENDMENT TO MEMORANDUM OF		
	10074333			DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	1576	125
				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 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



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

RECEIVED
Office of Cil and Gas

AUG 2 9 2022

Environmental Protection

August 19, 2022

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

RE: Schoen 1205 N-1H Drill Permit Revision Request – (47-033-06001)

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-1H well work permit revision request. We ask the permit be modified to reflect the revised 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



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

Expedited Modification Horizontal H6A Well Work Permits API: (47-033-06001 & 47-033-06006)

1 message

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

Tue, Sep 6, 2022 at 11:16 AM

To: Diane White , "Ward, Samuel D" <s amuel.d.ward@wv.gov">, dpalmer@harrisoncountywv.com, mcopeland@harrisoncountywv.com

I have attached a copy of the newly issued well permit numbers:

47-033-06001 - SCHOEN 1205 N-1H 47-033-06006 - SCHOEN 1205 S-9H

These will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

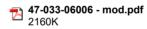
Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments



47-033-06001 - mod.pdf 4836K