



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

Thursday, November 6, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit Modification Approval for GUM 1217 N-4H
47-041-05773-00-00

Lateral Extension w/ Forced Pooling

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.


H. Jason Harmon
Acting Chief

Operator's Well Number: GUM 1217 N-4H
Farm Name: GARRETT A. GUM
U.S. WELL NUMBER: 47-041-05773-00-00
Horizontal 6A New Drill
Date Modification Issued: 11/06/2025

Promoting a healthy environment.

11/07/2025

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

1) Well Operator: <u>HG Energy II Appalachia, L</u>	Operator ID <u>494519932</u>	County <u>Lewis</u>	District <u>Freeman</u>	Quadrangle <u>Camden 7.5'</u>
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2) Operator's Well Number: Gum 1217 N-4H Well Pad Name: Gum 1217

3) Farm Name/Surface Owner: HG Energy II Appalachia, LLC Public Road Access: CR 10 @ SR 16

4) Elevation, current ground: 1180' Elevation, proposed post-construction: 1162'

5) Well Type (a) Gas ☒ Oil ☐ Underground Storage ☐
Other ☐
(b) If Gas Shallow ☒ Deep ☐
Horizontal ☒

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus at 6870' / 6934' and 64' in thickness. Anticipated pressure at 4314#.

8) Proposed Total Vertical Depth: 6,900'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 30,636'

11) Proposed Horizontal Leg Length: 23,054'

12) Approximate Fresh Water Strata Depths: 214', 600', 861', 1132'

13) Method to Determine Fresh Water Depths: Nearest offset well data, (47-041-04767, 5758)

14) Approximate Saltwater Depths: 1372, 1605' (Vanek 1215, 47-041-05062)

15) Approximate Coal Seam Depths: 704', 865', 1214', 1285' (Surface casing is being extended to cover the coal in the DTI Field)

16) Approximate Depth to Possible Void (coal mine, karst, other): None

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes ☐ No ☒

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

WW-6B
(04/15)

API NO. 47 **4704105773**
OPERATOR WELL NO. Gum 1217 N-4H
Well Pad Name: Gum 1217

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	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	1150'	1150' ✓	40% Excess, CTS
Intermediate 1	13 3/8"	NEW	J-55 BTC	68	2260'	2260'	40% Excess, CTS
Intermediate 2	9 5/8"	NEW	N/L-80 BTC	40	7150'	7150'	40% Excess Tail, CTS ✓
Production	5 1/2"	NEW	P-110 HP	23	30636'	30636' ✓	20% Excess Tail, CTS
Tubing							
Liners							

Kenneth Greynolds
Digitally signed by: Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@rev.gov C = AD O = WVDEP OU = Oil and Gas
Date: 2025.10.16 08:20:45 -0400

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"	26"	.438	2110	1200	Type 1, Class A	40 % excess yield = 1.20, CTS
Intermediate 1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Lead 40% excess, Tail 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	5750		Type 1/Class A	Lead 40% excess, Tail 0% Excess Lead
Production	5 1/2"	8 1/2"	.415	16240	12500 ✓	Type 1/Class A	20% excess yield = 1.19, tail yield 1.94, CTS
Tubing							
Liners							

PACKERS

Kind:					
Sizes:					
Depths Set:					

WW-6B
(10/14)

4704105773
API NO. 47- -
OPERATOR WELL NO. Gum 1217 N-4H
Well Pad Name: Gum 1217

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

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 6900'. Drill horizontal leg to estimated 21,389' lateral length, 28,972' 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): 30.31 acres

22) Area to be disturbed for well pad only, less access road (acres): 9.74 acres

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.
Freshwater/Coal - centralized every 3 joints to surface.
Intermediate 1 - Bow Spring on every joint, will also be running ACP for isolating storage zone
Intermediate 2 - Bow Spring on first 2 joints then every third joint to 100' from surface.
Production - Vertical - Run 1 spiral centralizer every 5 joints from the top of the curve to surface, Curve - 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/Coal - ~15.6 ppg PNE-1 + 3% bwoc CaCl40% Excess/Yield=1.20 / CTS"
Intermediate 1 - **** Storage String **** CTS ****15.4 ppg Load - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)B345 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB Dispersant / D095 1.5 lb per BBL Cem/NET* - 60% Excess15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam / D801 - 0.03 gal / sack Retarder - 0% Excess"
Intermediate 2 - "Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS"
Production - "Lead: 14.5 ppg POZ-PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% ExcessLoad Yield=1.19Tail Yield=1.94CTS"

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.
Fresh Water/Coal - Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.
Intermediate 1 - Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.
Intermediate 2 - Once casing is at setting 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 at max 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.

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OCT 07 2025

WV Department of
Environmental Protection

*** Storage String *** CTS ***

15.4 ppg Lead - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)
 B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB
 Dispersant / D095 1.5 lb per BBL CemNET* - 60% Excess
 15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)
 B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam /
 D801 - 0.03 gal / sack Retarder - 0% Excess

1217 N-4H
 Marcellus Shale Horizontal
 Lewis County, WV



Ground Elevation			1187'			1217 N-4H SHL			14198992.12N 1759174.63E			
Azm			340.466°			1217 N-4H LP			14199233.53N 1758453.89E			
WELLBORE DIAGRAM			1217 N-4H BHL			14220963.18N 1750786.61E						
			HOLE	CASING	GEOLOGY	TOP	BASE	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
	30"	30" 157.5# LS	Conductor	0	120	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		
	26"	20" 94# J-55	Coal	506, 747, 1047		AIR	15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS	Centralized every 3 joints to surface	Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.	Surface casing = 0.438" wall thickness Burst=2110 psi		
			Fresh Water Protection	0	1150							
	17.5"	13-3/8" 68# J-55 BTC	Little Lime	1707	1727	AIR / KCL Salt Polymer	See above (LEFT) for Storage String Cement Blend to Meet DTI Requirements for Gas Storage Field Isolation	Bow Spring on every joint <i>*will also be running ACP for isolating storage zone*</i>	Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.480" wall thickness Burst=3450 psi		
			Big Lime	1752	1832							
			Injun / Gantz (Storage)	1832 / 2102	1917 / 2160							
			Intermediate 1	0	2260							
	12.25"	9-5/8" 40# N / L-80 BTC & GBCD	Thirty Foot	2306	2321	AIR / KCL Salt Polymer	Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS	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 9" long joint to the top of the curve.	Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.395" wall thickness Burst=5750 psi Note: Actual centralizer schedules may be changed due to hole conditions		
			Gordon	2382	2457							
			5th Sand	2607	2632							
			Bayard	2672	2687							
			Speechley	3305	3321	AIR / 9.0ppg SOBM						
			Benson	4635	4675							
			Alexander / Elk	5145 / 5300	5214 / 5475							
			Rhinestreet	6103	6338							
			Cashaqua / W. River	6338 / 6609	6531 / 6691	11.5ppg-12.5ppg SOBM						
			Burkett	6691	6723							
			Tully Limestone	6723	6800							
Intermediate 2			0	TVD: 6800' MD: 7150' Inc: 67 deg.								
8.5" Lateral	5-1/2" 23# P-110 HP TXP / W461				11.5ppg-12.5ppg SOBM	Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170 Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess Lead Yield=1.19 Tail Yield=1.94 CTS	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.	Once on bottom/TD with casing, circulate at max 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.	Production casing = 0.415" wall thickness Burst=16240 psi Note: Actual centralizer schedules may be changed due to hole conditions			
		Hamilton	6800	6870								
		Marcellus	6870	6934								
		TMD / TVD (Production)	30636	6900								
		Onondaga	6934									

WV Department of Environmental Protection

Office of Oil and Gas

8.5" Curve

OCT 07 2025

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LP @ 6900' TVD / 7582' MD

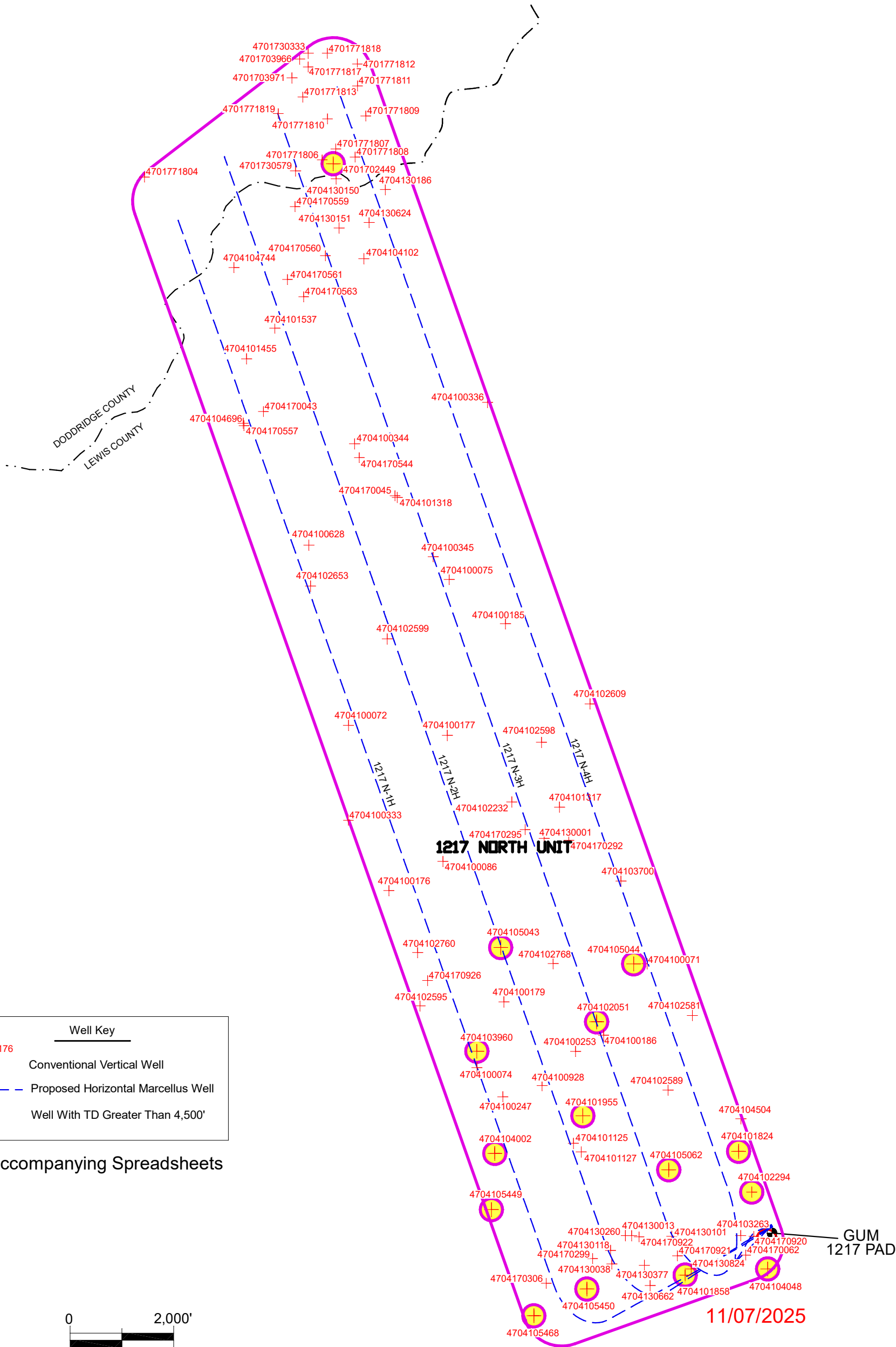
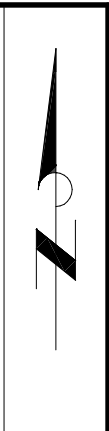
8.5" Hole - Cemented Long String 5-1/2" 23# P-110 HP TXP / W461

+/-23054' ft Lateral

TD @ +/-6900' TVD +/-30636' MD

X=centralizers

4704105773



DATA SOURCES
WVGES Data Set - 2023; WVDEP Website

Area of Review for:

GUM 1217 NORTH UNIT

Proposed 1217 N-1H Proposed 1217 N-2H
Proposed 1217 N-3H Proposed 1217 N-4H

Freeman's Creek District, Lewis County, W.Va.
Greenbrier & New Milton Districts,
Doddridge County, W.Va.

HG ENERGY, II APPALACHIA, LLC
5260 DuPont Road, Parkersburg, WV 26101

EXISTING WELLS LOCATED WITHIN THE AREA OF REVIEW FOR: GUM 1217 NORTH UNIT AND PROPOSED WELLS N-1H, N-2H, N-3H, N-4H										
CT	API	COUNTY	FARM	OPERATOR NAME	FORMATION NAME	WELL TYPE	TVD	STATUS	LATITUDE	LONGITUDE
1	4701702449	Doddridge	F J Swisher	XTO Energy, Inc.	Brallier	Gas	5702	PLUGGED	39.155518	-80.610913
2	4701703966	Doddridge	Herbert Bickford	Beechlick Oil, Inc.	not available	Gas	-	ACTIVE	39.161081	-80.613173
3	4701703971	Doddridge	Herbert Bickford	Beechlick Oil, Inc.	not available	Gas	-	ACTIVE	39.160085	-80.613700
4	4701730333	Doddridge	Moses, William	Hope Natural Gas Company	Undf PRICE blw INJN	Oil	2216	PLUGGED	39.161390	-80.612584
5	4701730579	Doddridge	Mary L Swisher	Hope Natural Gas Company	Up Devonian	Gas	3157	PLUGGED	39.155148	-80.613482
6	4701771804	Doddridge	Bessie Kutschman	Hope Natural Gas Company	not available	not available	-	unknown	39.154854	-80.623776
7	4701771806	Doddridge	Mary Swisher	----- unknown -----	not available	not available	-	unknown	39.155726	-80.611662
8	4701771807	Doddridge	Mary Swisher	Oper in Min.owner fld,no code assgn (Orphan well proj)	not available	not available	-	unknown	39.156306	-80.610731
9	4701771808	Doddridge	Edward Foley	----- unknown -----	not available	not available	-	unknown	39.155871	-80.609427
10	4701771809	Doddridge	Edward Foley	----- unknown -----	not available	not available	-	unknown	39.158048	-80.608682
11	4701771810	Doddridge	Mary Swisher	----- unknown -----	not available	not available	-	unknown	39.157903	-80.611290
12	4701771811	Doddridge	C E Nicholson	Hope Natural Gas Company	not available	not available	-	unknown	39.159644	-80.609240
13	4701771812	Doddridge	C E Nicholson	----- unknown -----	not available	not available	-	unknown	39.160805	-80.609241
14	4701771813	Doddridge	Mary Swisher	----- unknown -----	not available	not available	-	unknown	39.159063	-80.612967
15	4701771817	Doddridge	Nicholson	----- unknown -----	not available	not available	-	unknown	39.160660	-80.612595
16	4701771818	Doddridge	Nicholson	Hope Natural Gas Company	not available	not available	-	unknown	39.161385	-80.611290
17	4701771819	Doddridge	Mary Swisher	Hope Natural Gas Company	not available	not available	-	unknown	39.158193	-80.614644
18	4704100071	Lewis	Ricky Allen Barnes et ux	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2475	ACTIVE	39.113010	-80.589773
19	4704100072	Lewis	Patrick F Lydon	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2432	ACTIVE	39.125727	-80.610038
20	4704100074	Lewis	Albert Gum	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2050	ACTIVE	39.107543	-80.601393
21	4704100075	Lewis	M Allen & Diane J Jerden	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2382	ACTIVE	39.133444	-80.603133
22	4704100086	Lewis	Perry C Gum	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2196	ACTIVE	39.118488	-80.603646
23	4704100176	Lewis	P R Woofter	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2416	ACTIVE	39.116952	-80.607337
24	4704100177	Lewis	Perry C Gum	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2493	ACTIVE	39.125174	-80.603307
25	4704100179	Lewis	A F Gum	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2137	ACTIVE	39.111023	-80.599532
26	4704100185	Lewis	Edward Foley	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2420	ACTIVE	39.131082	-80.599317
27	4704100186	Lewis	William J Woofter	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2222	ACTIVE	39.109230	-80.592759
28	4704100247	Lewis	Leman Cheuvront	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2130	ACTIVE	39.105989	-80.599639
29	4704100253	Lewis	W J Woofter	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2170	ACTIVE	39.108382	-80.594671
30	4704100333	Lewis	Patrick F Lydon	Hope Natural Gas Company	Gantz	Storage	2485	ACTIVE	39.120697	-80.610073
31	4704100336	Lewis	T J Fahey Hrs	Hope Natural Gas Company	Up Devonian	Storage	2730	PLUGGED	39.142828	-80.600471
32	4704100344	Lewis	M A Rupert	Hope Natural Gas Company	Gordon Stray	Storage	2644	PLUGGED	39.140659	-80.609540
33	4704100345	Lewis	Edward Foley	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2544	ACTIVE	39.134657	-80.604221

34	4704100628	Lewis	Ellen Foley	Hope Natural Gas Company	Gantz	Storage	2497	PLUGGED	39.135292	-80.612683
35	4704100928	Lewis	J A Cheuvront	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2639	ACTIVE	39.106577	-80.596964
36	4704101125	Lewis	J A Cheuvront	Eastern Gas Transmission & Storage, Inc.	Gordon	Storage	2420	PLUGGED	39.103506	-80.594847
37	4704101127	Lewis	A W Priest	Eastern Gas Transmission & Storage, Inc.	Thirty-foot	Storage	2262	PLUGGED	39.103047	-80.594319
38	4704101317	Lewis	A H Kemper	Hope Natural Gas Company	not available	not available	-	PLUGGED	39.121341	-80.595688
39	4704101318	Lewis	E Foley	Hope Natural Gas Company	Gantz	Storage	2652	PLUGGED	39.137805	-80.606646
40	4704101455	Lewis	A Joyce	Consolidated Gas Supply Corp.	Gantz	Storage	2600	ABANDONED	39.145193	-80.616870
41	4704101537	Lewis	Anna Joyce	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Oil	2474	PLUGGED	39.146814	-80.614939
42	4704101824	Lewis	Peter L Hull	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4701	ACTIVE	39.103043	-80.583605
43	4704101858	Lewis	Ira P Simmons	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4736	ACTIVE	39.096490	-80.587277
44	4704101955	Lewis	Ricki L Gum	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4791	ACTIVE	39.104966	-80.594196
45	4704102051	Lewis	William J Woofter	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	4846	ACTIVE	39.109947	-80.593229
46	4704102232	Lewis	P Gum	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.121628	-80.598941
47	4704102294	Lewis	Joseph Gum	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4760	ACTIVE	39.100876	-80.582724
48	4704102581	Lewis	Henry Snyder	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	PLUGGED	39.110258	-80.586713
49	4704102589	Lewis	A W Priest	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.106305	-80.588388
50	4704102595	Lewis	P R Woofter	Hope Natural Gas Company	not available	not available	2470	ABANDONED	39.110831	-80.605246
51	4704102598	Lewis	Perry C Gum	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.124785	-80.596899
52	4704102599	Lewis	Edward Foley (R A Kemper	Hope Natural Gas Company	Hampshire Grp	Gas	2950	ABANDONED	39.130302	-80.607373
53	4704102609	Lewis	A H Kemper	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.126810	-80.593577
54	4704102653	Lewis	Peter M Fahey	Eastern Gas Transmission & Storage, Inc.	not available	Storage	2815	ACTIVE	39.133126	-80.612581
55	4704102760	Lewis	A F Gum	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.113658	-80.605394
56	4704102768	Lewis	A F Gum	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.113044	-80.596173
57	4704103263	Lewis	John Gum (S P 1)	Berry Energy, Inc.	Hampshire Grp	Oil w/ Gas Show	2468	ACTIVE	39.098571	-80.583489
58	4704103700	Lewis	John J Fahey Jr	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.117404	-80.591529
59	4704103960	Lewis	Donna Walls	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Oil and Gas	4717	ACTIVE	39.108413	-80.601393
60	4704104002	Lewis	Opal G Both	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4807	ACTIVE	39.102988	-80.600200
61	4704104048	Lewis	John K Gum	OWS Acquisition Co. Inc.	Greenland Gap Fm	Gas	4777	ACTIVE	39.096797	-80.581660
62	4704104102	Lewis	Edward Foley Sr	Beechlick Oil, Inc.	Hampshire Grp	Gas	3230	ACTIVE	39.150473	-80.608853
63	4704104504	Lewis	Claude Goldsmith	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.104768	-80.583437
64	4704104696	Lewis	T J Fahey	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.141778	-80.617122
65	4704104744	Lewis	W V Bureau of Commerce	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.150038	-80.617705
66	4704105043	Lewis	Donna Walls	Eastern Gas Transmission & Storage, Inc.	Alexander	Oil and Gas	4895	ACTIVE	39.113924	-80.599719
67	4704105044	Lewis	Sandra Barnes et al	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	5055	ACTIVE	39.113010	-80.590692
68	4704105062	Lewis	Jerry Dale Gum	Eastern Gas Transmission & Storage, Inc.	Misc Sands-BNSN/BRLR	Gas	5013	ACTIVE	39.102077	-80.588368
69	4704105449	Lewis	Judy B Beemon	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4798	ACTIVE	39.100009	-80.600451
70	4704105450	Lewis	David & Korrene Woofter	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Oil and Gas	4711	ACTIVE	39.095779	-80.593974

71	4704105468	Lewis	Steven C Holden	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4814	ACTIVE	39.094371	-80.597589
72	4704130001	Lewis	A H Keemper	Pittsburgh & WV Gas	Gordon	Gas	3047	PLUGGED	39.119681	-80.596743
73	4704130013	Lewis	A W Priest	Hope Construction & Refining	undetermined unit	not available	1710	PLUGGED	39.098595	-80.590912
74	4704130038	Lewis	J M McCluster	Hope Construction & Refining	Hampshire Grp	Oil and Gas	2651	PLUGGED	39.097101	-80.592271
75	4704130101	Lewis	Ira P Simmons	Hope Natural Gas Company	Hampshire Grp	Gas	2448	PLUGGED	39.098552	-80.588176
76	4704130118	Lewis	C C McCluster	South Penn Oil (S. Penn Nat. Gas)	Hampshire Grp	Oil and Gas	2468	PLUGGED	39.097813	-80.592354
77	4704130150	Lewis	Edward Foley	Raad & Moses	not available	not available	-	PLUGGED	39.154719	-80.610719
78	4704130151	Lewis	Edward Foley	Raad & Moses	not available	not available	-	PLUGGED	39.152109	-80.610531
79	4704130186	Lewis	Edward Foley Sr	Raad, J. M.	not available	not available	-	PLUGGED	39.154139	-80.607366
80	4704130260	Lewis	Shirl G Romine et al	South Penn Oil (S. Penn Nat. Gas)	Hampshire Grp	Oil and Gas	2548	PLUGGED	39.098597	-80.591340
81	4704130377	Lewis	George E Bailey	South Penn Oil (S. Penn Nat. Gas)	Pottsville Group	Oil	1405	PLUGGED	39.097017	-80.590056
82	4704130624	Lewis	Neal Hitt	Piersol, Smith, Feick, and Kirkbride	Hampshire Grp	Gas	3205	PLUGGED	39.152399	-80.608483
83	4704130662	Lewis	H C Hall	Mason, Rex	Hampshire Grp	Oil	2442	PLUGGED	39.095941	-80.589665
84	4704130824	Lewis	Ira P Simmons	Consolidated Gas Supply Corp.	not available	not available	-	PLUGGED	39.096811	-80.586873
85	4704170043	Lewis	Patrick Faherty	South Penn Oil (S. Penn Nat. Gas)	not available	not available	-	unknown	39.142392	-80.615742
86	4704170045	Lewis	Michael Fahey	South Penn Oil (S. Penn Nat. Gas)	not available	not available	-	unknown	39.137897	-80.606801
87	4704170062	Lewis	Joseph GUM/ C W Gum	Hope Natural Gas Company	not available	not available	-	unknown	39.097537	-80.583151
88	4704170292	Lewis	A H Kemper	Pittsburgh & WV Gas	Hampshire Grp	Gas	3047	unknown	39.119579	-80.595066
89	4704170295	Lewis	Joseph Gum	Hope Natural Gas Company	not available	not available	-	unknown	39.120159	-80.598045
90	4704170299	Lewis	J M McCluster	Hope Natural Gas Company	not available	not available	-	unknown	39.097391	-80.593573
91	4704170306	Lewis	Hoy Wiseman	Oper in Min.owner fld,no code assgn(Orphan well proj)	not available	not available	-	unknown	39.096086	-80.596737
92	4704170544	Lewis	Annie Joyce	Hope Natural Gas Company	not available	not available	-	unknown	39.139927	-80.609223
93	4704170557	Lewis	Mary Fahey	----- unknown -----	not available	not available	-	unknown	39.141648	-80.617067
94	4704170559	Lewis	Fahey and Beeson	----- unknown -----	not available	not available	-	unknown	39.153258	-80.613526
95	4704170560	Lewis	Fahey and Beeson	Hope Natural Gas Company	not available	not available	-	unknown	39.150646	-80.611476
96	4704170561	Lewis	Fahey and Beeson	----- unknown -----	not available	not available	-	unknown	39.14939	-80.614065
97	4704170563	Lewis	Anna Joyce	----- unknown -----	not available	not available	-	unknown	39.148469	-80.612967
98	4704170920	Lewis	Joseph Gum	Hope Natural Gas Company	not available	not available	-	unknown	39.098531	-80.582592
99	4704170921	Lewis	W C Romine	----- unknown -----	not available	not available	-	unknown	39.097515	-80.587802
100	4704170922	Lewis	G R McKinley	----- unknown -----	not available	not available	-	unknown	39.09853	-80.590406
101	4704170926	Lewis	Albert Gum	----- unknown -----	not available	not available	-	unknown	39.112173	-80.604729

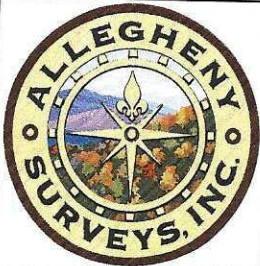
SOURCE: WVGES DATASET (2020) and WVDEP WEBSITE AND FIELD SURVEYS

UPDATED 12/04/2023

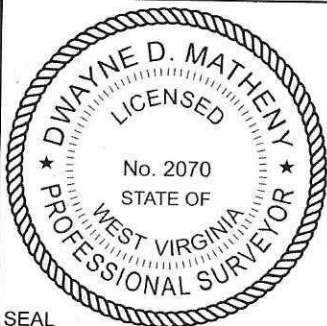
YELLOW DENOTES WELL WITH TVD > 4,500'

GREEN DENOTES SURVEYED WELLS

HG Energy II Appalachia, LLC
Well No. Gum 1217 N-4H

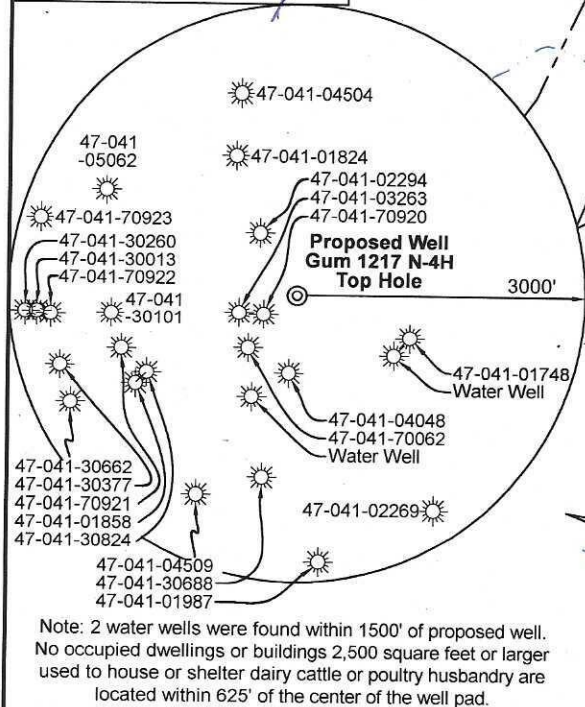


Page 1 of 3



I, the undersigned, hereby
certify that this plat is correct to
the best of my knowledge and
belief and shows all the
information required by law and
the rules issued and prescribed
by the Department of
Environmental Protection.

Dwayne D. Matheny, P.S. 2070



11,322' to Top Hole
7,787' to Bottom Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

Well Location References
Not to Scale

5/8" rebar
w/yellow
plastic cap
AZ165° 385'
AZ274° 461'

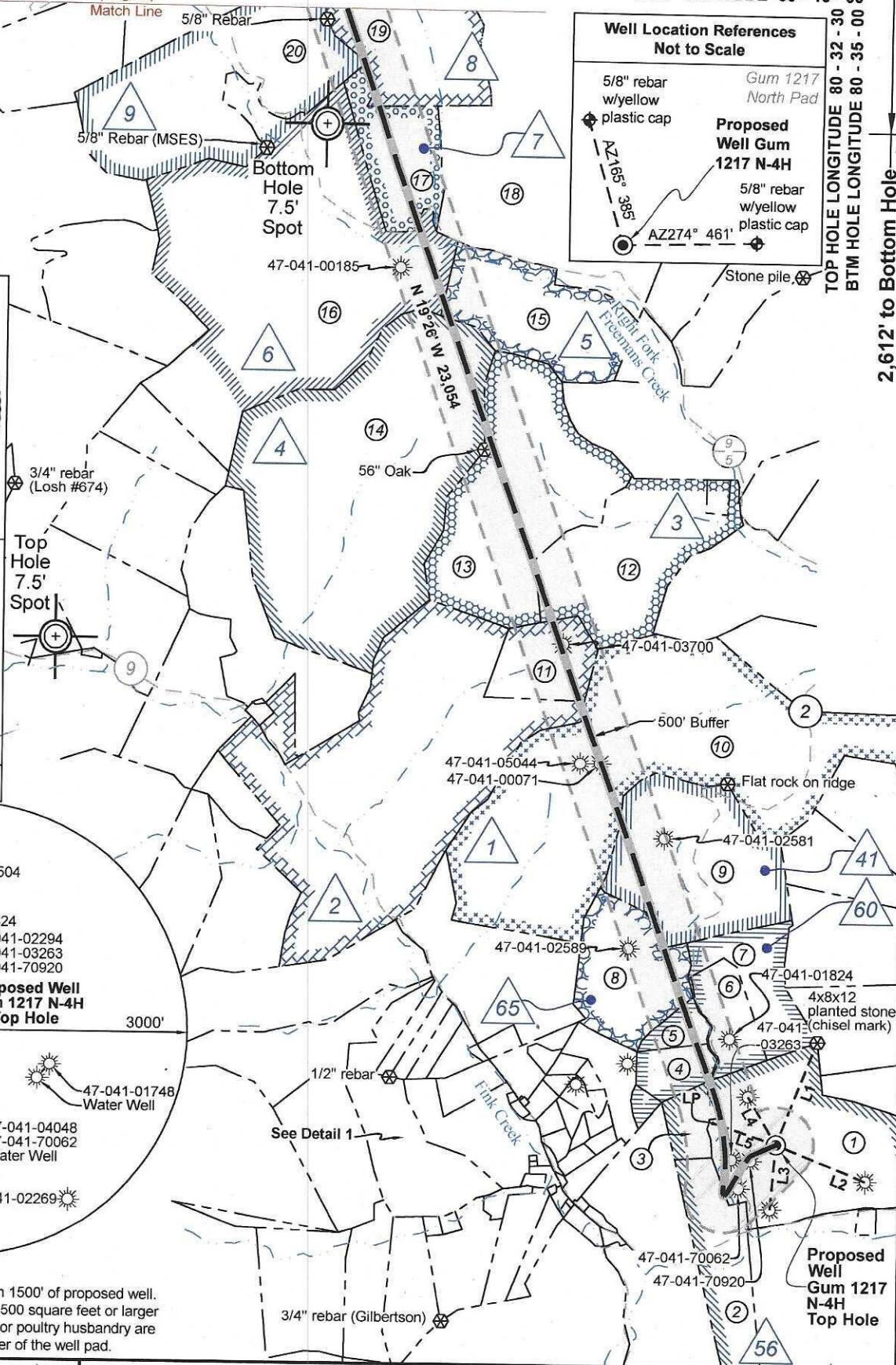
Gum 1217
North Pad
Proposed
Well Gum
1217 N-4H
5/8" rebar
w/yellow
plastic cap

TOP HOLE LONGITUDE 80 - 32 - 30
BTM HOLE LONGITUDE 80 - 35 - 00

2,612' to Bottom Hole

9,449' to Top Hole

(Page 2)
Match Line



FILE NO: 100-12-FC-21

DRAWING NO: Gum 1217 N-4H 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: August 13 20 25

OPERATOR'S WELL NO. Gum 1217 N-4H

API WELL NO

47-041-05773
STATE OF WEST VIRGINIA
COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: 1,162.0' WATERSHED: Fink Creek

DISTRICT: Freemans Creek

SURFACE OWNER: Garnett A. Gum

ROYALTY OWNER: Joseph Gum, et al

LEASE NO: ACREAGE: 305.49

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☒ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,900' TVD
30,636' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

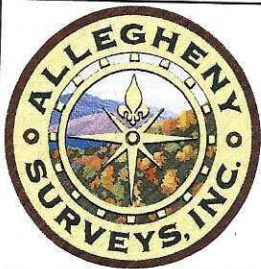
ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

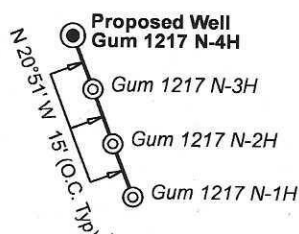
Parkersburg, WV 26101

OCT 07 2025
WV Department of Environmental Protection
QUADRANGLE: Camden
COUNTY: Boone

ACREAGE: 101.00

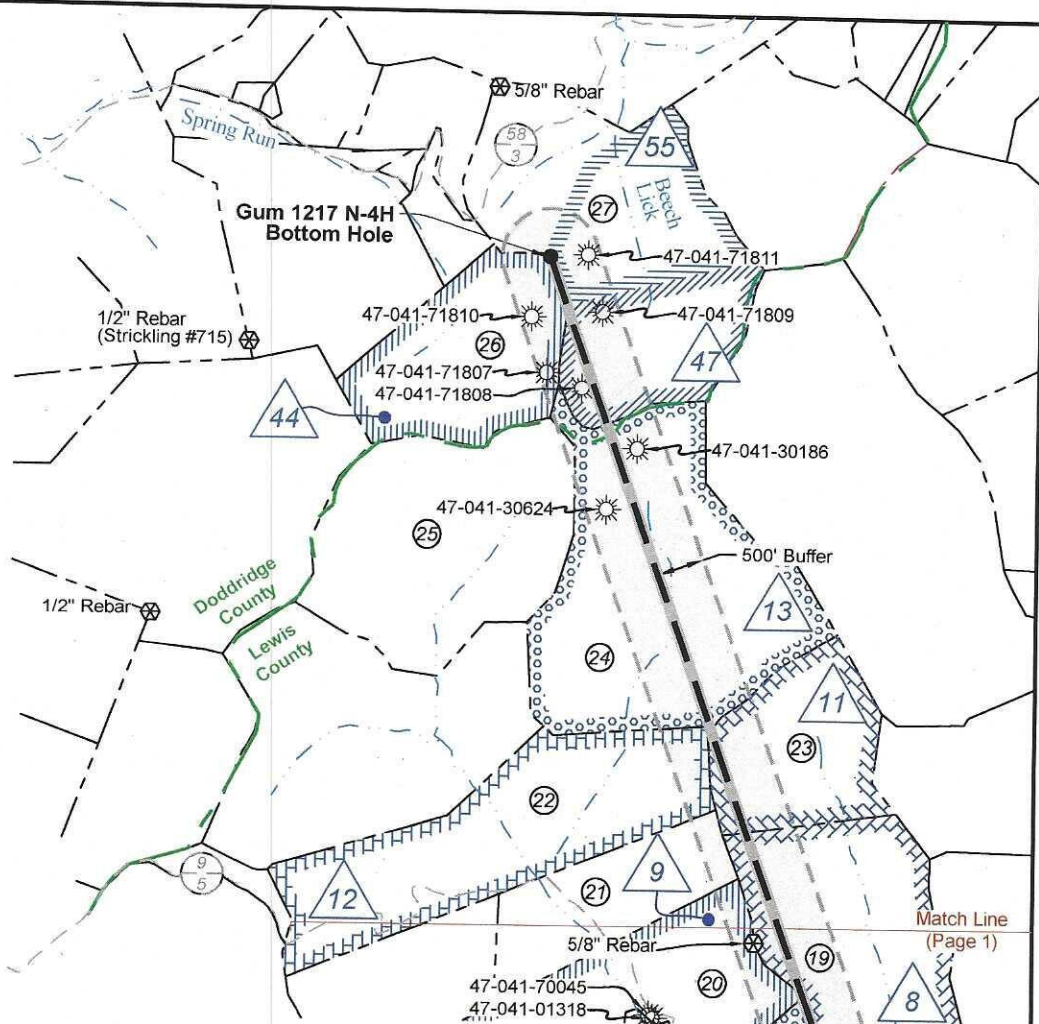


Wellhead
Layout (NTS)



Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)



Tag	Bearing	Dist.	Description
L1	S 21°00' W	1,485.5'	4x8x12 planted stone (chisel mark)
L2	N 68°16' W	1,276.9'	47-041-01748
L3	N 04°51' E	855.7'	47-041-04048
L4	S 31°07' E	737.5'	47-041-02294
L5	N 71°29' W	760.1'	Landing Point

West Virginia Coordinate
System of 1927, North Zone
based upon Differential GPS
Measurements.

Notes: Well No.
Gum 1217 N-4H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°05'56.57"
Lon: 80°34'53.66"
Landing Point Coordinates
Lat: 39°05'58.99"
Lon: 80°35'02.80"
Bottom Hole Coordinates
Lat: 39°09'34.18"
Lon: 80°36'38.90"

UTM Zone 17, NAD 1983
Plat orientation and corner and well references are based
upon the grid north meridian. Well location references are
based upon the magnetic meridian.

Notes: Well No.
Gum 1217 N-4H
UTM NAD 1983 (USF)
Top Hole Coordinates
N: 14,198,992.12'
E: 1,759,174.63'
Landing Point Coordinates
N: 14,199,233.53'
E: 1,758,453.89'
Bottom Hole Coordinates
N: 14,220,963.18'
E: 1,750,786.61'

Notes: Well No.
Gum 1217 N-4H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,327,861.454m
E: 536,197.500m
Landing Point Coordinates
N: 4,327,935.036m
E: 535,977.818m
Bottom Hole Coordinates
N: 4,334,558.246m
E: 533,640.826m

FILE NO: 100-12-FC-21

DRAWING NO: Gum 1217 N-4H 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: August 13 2025

OPERATOR'S WELL NO. Gum 1217 N-4H

API WELL NO

47 - 041 - 05773
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: 1,162.0' WATERSHED: Fink Creek

DISTRICT: Freemans Creek

SURFACE OWNER: Garnett A. Gum

ROYALTY OWNER: Joseph Gum, et al

LEASE NO: ACREAGE: 305.49

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☒ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,900' TVD 30,636' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

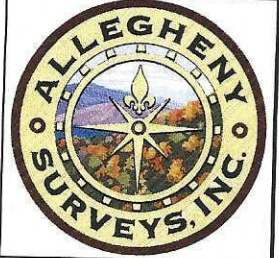
DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101



Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	4D / 43	Garnett A. Gum	W11 / 74	101.00
2	4D / 43.1	Jesse & Amber Shackleford	670 / 280	46.00
3	4D / 43.2	William L. & Martha S. Gum	385 / 534	12.00
4	4D / 40.2	William L. & Martha S. Gum	332 / 226	15.01
5	4D / 40.1	William L. & Martha S. Gum	332 / 226	14.00
6	4C / 8.1	Donna J. Goldsmith	577 / 690	21.39
7	4C / 8	Donna J. Goldsmith	577 / 690	32.60
8	4C / 7	William L. & Martha S. Gum	320 / 568	52.00
9	4C / 9	Betty Arbogast, et al	740 / 849	84.00
10	4C / 10	Ricky Barnes, et al	598 / 747	294.98
11	4C / 11	Donna M. Walls	498 / 388	32.50
12	4C / 13	Shirley Taylor, et al	FID / -	79.04
13	4C / 12	Randell L. White, et al	547 / 426	118.00
14	4C / 1	Randell L. White, et al	547 / 421	237.00
15	4B / 5	Maryella D. Hitt Trust	674 / 383	67.25
16	4B / 4	Allen M. & Diane J. Jerden	571 / 507	262.09
17	4B / 3	Thomas J. Fahey Heirs	WB K / 65	34.75
18	4B / 6	Jacob & Laura K. Johnson	622 / 33	240.15
19	4B / 2	Thomas J. Fahey, et al	WB K / 65	109.50
20	3B / 23	Dominion Transmission, Inc.	591 / 761	122.38
21	3B / 22	John H. & Stephanie A. Smith	578 / 434	52.50
22	3B / 21	Joseph Fahey, et al	751 / 390	120.00
23	4B / 1	Thomas J. Fahey, et al	WB K / 65	60.00
24	3A / 2	State of West Virginia, Bureau of Commerce, DNR	531 / 663	148.75
25	3A / 1	State of West Virginia, Bureau of Commerce, DNR	531 / 663	103.00
Doddridge Co. (New Milton Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
26	21 / 8	Herbert & Betty Bickford	363 / 488	77.57
27	17 / 5	Wayne A. Gorby	436 / 333	158.46

ID	Lease
1	W.J. Woofter & Susan Woofter, his wife
2	A.F. Gum & M.L. Gum, his wife
3	A.H. Kemper & Sarah Kemper, his wife
4	Perry C. Gum & Dora Gum, his wife, et al
5	Jemima K. Cumpston & W.C. Cumpston, her husband
6	Edward Foley & Ellen A. Foley, his wife, et al
7	Thomas J. Fahey & Mary E. Fahey, his wife
8	Mary Fahey, et al
9	Joseph P. Fahey, attorney-in-fact for John J. Fahey, widower, et al
11	T.J. Fahey & Mary E. Fahey, his wife
12	T.J. Fahey & Mary E. Fahey, his wife
13	Edward Foley, Sr. & Catherine Foley, his wife
41	Henry Snyder & Margaret Snyder, his wife
44	David L. Nicholson, Jr.
47	Edward Foley, Jr. & Ellen A. Foley, his wife
55	Carl M. Smith
56	Joseph Gum & Margaret Gum, his wife, et al
60	P.L. Hull & M.E. Hull, his wife
65	J.P. Hull

FILE NO: 100-12-FC-21

DRAWING NO: Gum 1217 N-4H 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: August 13 20 25

OPERATOR'S WELL NO. Gum 1217 N-4H

API WELL NO

47 — 041 — 05773
 STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
 (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: 1,162.0' WATERSHED: Fink Creek

DISTRICT: Freemans Creek

SURFACE OWNER: Garnett A. Gum

ROYALTY OWNER: Joseph Gum, et al

LEASE NO:

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☒ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,900' TVD 30,636' 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

WW-6A1
(5/13)

Operator's Well No. Gum 1217 N-4H 2

**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****

Co-Tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-Tenancy Act

~~Horizontal Well Unit Utilization - Subject to unitization filing with the WV Oil and Gas Conservation Commission~~

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

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

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

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

Well Operator: HG Energy II Appalachia, LLC

By: Diane White *Diane White*

Its: Agent

RECEIVED
Office Of Oil and Gas
07/07/2025
WV Department of
Environmental Protection

HG Energy II Appalachia, LLC
Gum 1217 N-4H Lease Chain

1217N Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
1	FK051503	p/o 03004C-0010-0000 03-04C-0010-0001	Q100270000	W. J. WOOFER AND SUSAN WOOFER, HIS WIFE	E. W. BOYD	NOT LESS THAN 1/8	35	240
				E. W. BOYD	S. E. BARRETT	ASSIGNMENT	36	369
				S.E. BARRETT	LOUIS BENNETT	ASSIGNMENT	30	609
				S. E. BARRETT AND LOUIS BENNETT	LEWIS OIL COMPANY	DEED	36	438
				LEWIS OIL COMPANY	J. M. GUFFEY AND JOHN H. GALEY	ASSIGNMENT	44	562
				LEWIS OIL COMPANY	J. M. GUFFEY	ASSIGNMENT	46	399
				LOUIS BENNETT	J. M. GUFFEY AND JOHN H. GALEY	ASSIGNMENT	44	571
				J. M. GUFFEY AND JOHN H. GALEY	PHILADELPHIA COMPANY OF WEST VIRGINIA	ASSIGNMENT	73	318
				PHILADELPHIA COMPANY OF WEST VIRGINIA	PITTSBURGH AND WEST VIRGINIA GAS COMPANY	ASSIGNMENT	85	141
				PITTSBURGH AND WEST VIRGINIA GAS COMPANY	EQUITABLE GAS COMPANY	DEED	216	185
				EQUITABLE GAS COMPANY AND PHILADELPHIA OIL COMPANY	HOPE NATURAL GAS COMPANY	DEED	246	192
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
2	FK002511 FEEHGII0048 FEEHGII0049 FEEHGII0057 FEEHGII0059	03-04C-0002-0000 03-04C-0003-0000 03-04C-0011-0000 p/o 03-003C-0028-0000 p/o 03-003C-0028-0001	Q100417000	A. F. GUM AND M. L. GUM, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	33	215
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	127
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
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				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				A. H. KEMPER AND SARAH KEMPER, HIS WIFE	E. W. BOYD	NOT LESS THAN 1/8	35	247
				E. W. BOYD	S. E. BARRETT	ASSIGNMENT	30	369
				S. E. BARRETT AND LOUIS BENNETT	LEWIS OIL COMPANY	DEED	36	438
				S. E. BARRETT AND LOUIS BENNETT	LEWIS OIL COMPANY	DEED	36	479
				S. E. BARRETT	J. M. GUFFY AND JOHN H. GALEY	ASSIGNMENT	44	569
				LOUIS BENNETT	J. M. GUFFY AND JOHN H. GALEY	DEED	44	571

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3	FK051504 FEEHGII0442	03-004C-0012-0000 03-004C-0013-0000 03-004C-0013-0001	Q100428000	LOUIS BENNETT	CRUDE OIL COMPANY	ASSIGNMENT	92	155
				LEWIS OIL COMPANY	J. M. GUFFY AND JOHN H. GALEY	ASSIGNMENT	44	562
				LEWIS OIL COMPANY	J. M. GUFFY AND JOHN H. GALEY	ASSIGNMENT	46	399
4	FK024898	03-004C-0001-0000	Q100658000	J. M. GUFFEY AND JOHN H. GALEY	THE PHILADELPHIA COMPANY	ASSIGNMENT	44	583
				THE PHILADELPHIA COMPANY OF WEST VIRGINIA	PITTSBURGH AND WEST VIRGINIA GAS COMPANY	DEED	125	371
				THE PHILADELPHIA COMPANY OF WEST VIRGINIA	PITTSBURGH AND WEST VIRGINIA GAS COMPANY	ASSIGNMENT	125	379
5	FK047029	03-004B-0005-0000	Q100366000	PITTSBURG AND WEST VIRGINIA GAS COMPANY	EQUITABLE GAS COMPANY	DEED	216	185
				EQUITABLE GAS COMPANY AND PHILADELPHIA OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	246	192
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				PERRY C. GUM AND DORA GUM, HIS WIFE; AND MARGARET GUM	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	74	515
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				JEMIMA K. CUMPSTON AND W. C. CUMPSTON, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	142	277
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220

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6	FK047104 FK085625 FEE	03-004B-0004-0000	Q100659000	EDWARD FOLEY AND ELLEN A. FOLEY, HIS WIFE; R. S. KEMPER AND FANNIE KEMPER, HIS WIFE; A. J. KEMPER AND PEARL S. KEMPER, HIS WIFE				
				HOPE NATURAL GAS COMPANY	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	144	214
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CNG TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				CNX GAS COMPANY LLC	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				CNX GAS COMPANY LLC	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				NOBLE ENERGY, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				DOMINON TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
7	FK051055	03-004B-0003-0000	Q100265000	THOMAS J. FAHEY AND MARY E. FAHEY, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	153	45
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
8	FK032953 (FEE) FK051166	03-004B-0002-0000	Q100915000 Q101156000	MARY FAHEY; T. J. FAHEY AND MARY E. FAHEY, HIS WIFE; MARY A. FAHEY; AND GEORGE C. FAHEY AND ANNIE A. FAHEY, HIS WIFE (1/2)	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	485
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	DEED	92	358
				T. J. FAHEY AND MARY E. FAHEY, HIS WIFE (1/2)	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	153	93
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	NOT LESS THAN 1/8	692	570
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	MINERAL DEED	740	746

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9	FK051247 FK085628 FEE FK094186 FEE	03-003B-0023-0000 p/a 03-004B-0004-0000	Q100470000	JOSEPH P. FAHEY, ATTORNEY-IN-FACT FOR JOHN J. FAHEY, WIDOWER; MARTIN W. FAHEY, WIDOWER; MARY M. FAHEY, WIDOW; ANNIE FAHEY, WIDOW; P. WILLIAM FAHEY AND RUTH S. FAHEY, HIS WIFE; T. BERNARD FAHEY AND HELEN R. FAHEY, HIS WIFE; LEOCADIA FAHEY, SINGLE; ALFONSE FAHEY, SINGLE; MARY LORETTA CONLEY AND THOMAS A. CONLEY, HER HUSBAND; GRACE WANSTREET AND S. L. WANSTREET, HER HUSBAND; CECELIA NIGGEMMYER AND JOE NIGGEMMYER, HER HUSBAND; ELIZABETH EBBERT AND LAURENCE EBBERT, HER HUSBAND; MYRTLE F. BEISWENGER AND ROBERT E. BEISWINGER, HER HUSBAND; GEORGE F. FAHEY AND BLANCHE FAHEY, HIS WIFE; AND MARTIN J. FAHEY, SINGLE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8		
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				T. J. FAHEY AND MARY E. FAHEY, HIS WIFE (1/2)	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	153	95
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
11	FK051167 FK054806 FEE	03-004B-0001-0000	Q100753000	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				T. J. FAHEY AND MARY E. FAHEY, HIS WIFE (1/2)	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	153	97
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
12	FK051168 FK054806 FEE	03-003B-0023-0000	Q100468000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				T. J. FAHEY AND MARY E. FAHEY, HIS WIFE (1/2)	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	153	97
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	

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				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
13	FK088092 (FEE) FK055520 (FEE)	p/o 03-003A-0002-0000	Q100774000	EDWARD FOLEY, SR. AND CATHERINE FOLEY, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	484
				SOUTH PENN OIL COMPANY	HOPE CONSTRUCTION AND REFINING COMPANY	DEED (50%)	142	187
				HOPE CONSTRUCTION AND REFINING COMPANY	HOPE NATURAL GAS COMPANY	DEED	169	2
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
41	FK002648	03-004C-0009-0000	Q100419000	HENRY SNYDER AND MARGARET SNYDER, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	39	209
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	127
				SOUTH PENN OIL COMPANY	SOUTH PENN NATURAL GAS COMPANY	ASSIGNMENT	156	570
				SOUTH PENN NATURAL GAS COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	166	494
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				David L. Nicholson, Jr.			536	428
					HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
				Amanda Sue Todd	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	536	430
				Eric Lee Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	536	426
				Clarice Mondell Edwards	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	539	642
				Darrel E. Swisher AKA Darrel Swisher	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	539	21
				Robert L. Crislip	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	615
				Donna J. McKinney	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	510	261
				Ralphie W. Dillon, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	543	693
				Edward Lee Dillon	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	544	457
				Brenda K. Moore	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	497	287
				Timothy R. Crislip	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	613
				Dale D. Crislip	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	139
				H3 LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	676
				Eugene Hoalcraft	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	545	329
				Nona M. Wakefield	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	544	452
				Wanda L. Martinez	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	544	577

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44	HGII04487 et al	06-0025-0002-0000 06-0024-0006-0000	HGII04487 et al	Sharon Futterer AKA Sharon Michele Futterer	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	345
				Michael Paige Bonnell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	630
47	DV011214 DV019185	p/o 04-0017-0005-0000 p/o 03-003A-0002-0000		Delores Eloise Bonnell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	479
				Debra P. Bonnell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	634
				Gregory Dean Bonnell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	519	714
				Shelly G. Bonnell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	626
				Ezra Guy Swisher, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	514	702
				Alice Elizabeth Jacobs FKA Alice Elizabeth Swisher, by Susan Wyckoff Power of Attorney	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	628
				Sue Ann Malson fka Sue Ann Jett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	632
				Antero Resources Corporation		Horizontal Unit Hearing Scheduled 11/03/25		
				Randy N. Crislip		Horizontal Unit Hearing Scheduled 11/03/25		
				c/o Donna McKinney, Conservator and/or Guardian		Horizontal Unit Hearing Scheduled 11/03/25		
				The Estate of Eleanor R. Nicholson, by Eleanor Jane Nicholson, Executrix		Horizontal Unit Hearing Scheduled 11/03/25		
				Rodney Cross AKA Rodney W. Cross AKA Rodney Wayne Cross		Horizontal Unit Hearing Scheduled 11/03/25		
				Lisa Ayers AKA Lisa Kay Ayers		Horizontal Unit Hearing Scheduled 11/03/25		
				Estate of Carolyn Hoalcraft aka Caroline Hoalcraft aka Caroline Elizabeth Hoalcraft, John D. Hoalcraft, executor		Horizontal Unit Hearing Scheduled 11/03/25		
				Michael K. Toohy		Horizontal Unit Hearing Scheduled 11/03/25		
				Dianna Lynn Howell		Horizontal Unit Hearing Scheduled 11/03/25		
				Donna Marie Niedermann		Horizontal Unit Hearing Scheduled 11/03/25		
				Denise Michelle Priest		Horizontal Unit Hearing Scheduled 11/03/25		
				Corinne Yvonne Pangelina, DOD: 1/6/2023, Solano Co, CA, Diana Mamere, Trustee and Executrix		Horizontal Unit Hearing Scheduled 11/03/25		
				Richard A. Wright, DOD: 1/11/2017, Sacramento Co, CA		Horizontal Unit Hearing Scheduled 11/03/25		
				Robert A. Wright, aka, Robert Wright, DOD: 11/24/2002, Athens, Greece		Horizontal Unit Hearing Scheduled 11/03/25		
				Joyce Ann Whittaker		Horizontal Unit Hearing Scheduled 11/03/25		
				Silverado Mineral Group, LP		Horizontal Unit Hearing Scheduled 11/03/25		
				Forest Gene Swisher		Horizontal Unit Hearing Scheduled 11/03/25		
				EDWARD FOLEY JR AND ELLEN A FOLEY, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	32	255
				PENNZOIL UNITED INC	L. J. NICHOLSON, D.C. SPENCER, AND EDISON E. RITTER	NOT LESS THAN 1/8	93	614
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	26	182
				SOUTH PENN OIL COMPANY	HOPE CONSTRUCTION AND REFINING COMPANY	DEED	51	260
				HOPE CONSTRUCTION AND REFINING COMPANY	SOUTH PENN NATURAL GAS COMPANY	DEED AND ASSIGNMENT	54	149
				SOUTH PENN NATURAL GAS COMPANY	SOUTH PENN OIL COMPANY	ASSIGNMENT	58	200
				SOUTH PENN OIL COMPANY	PENNZOIL COMPANY	MERGER/NAME CHANGE	WVSOS	
				PENNZOIL COMPANY	PENNZOIL UNITED INC	CONVEYANCE, ASSIGNMENT, AND TRANSFER	153	51
				PENNZOIL UNITED INC	L.J. NICHOLSON, D.C. SPENCER AND EDISON E. RITTER	ASSIGNMENT	91	618
				DEWEY C. SPENCER AKA D.C. SPENCER	DORA E. SPENCER	LAST WILL AND TESTAMENT	10	322
				DORA E. SPENCER (HEIR OF D. C. SPENCER)	L.J. NICHOLSON AND EDISON E. RITTER	ASSIGNMENT	98	255
				EDISON E. RITTER	NEVA A. RITTER	LAST WILL AND TESTAMENT	14	35
				NEVA E. RITTER, IN HER OWN RIGHT, AND NEVA A. RITTER, AS EXECUTRIX OF THE Iwt OF EDISON E. RITTER	LESLIE J. NICHOLSON	ASSIGNMENT	109	377
				LESLIE JAY NICHOLSON	DONALD G. MICHELS	AGREEMENT	114	383
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	143	345
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	135	583
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG DEVELOPMENT COMPANY	ASSIGNMENT	139	41
				CNG DEVELOPMENT COMPANY	CNG PRODUCING COMPANY	MERGER/NAME CHANGE	DESOS	
				CNG PRODUCING COMPANY	DOMINION EXPLORATION & PRODUCTION INC	MERGER/NAME CHANGE	WVSOS	
				DOMINION EXPLORATION & PRODUCTION INC	CONSOL GAS COMPANY	MERGER/NAME CHANGE	286	144
				CONSOL GAS COMPANY	CNX GAS COMPANY LLC	MERGER/NAME CHANGE	293	252
				DOMINION EXPLORATION & PRODUCTION INC	DOMINION TRANSMISSION, INC. AND DOMINION APPALACHIAN DEVELOPMENT LLC	ANTERO RESOURCES APPALACHIAN CORPORATIONS	231	145
				DOMINION APPALCHIAN DEVELOPMENT LLC	CONSOL GAS APPALACHIAN DEVELOPMENT LLC	MERGER/NAME CHANGE	286	108
				CONSOL GAS APPALACHIAN DEVELOPMENT LLC AND CONSOL GAS APPALACHIAN DEVELOPMENT PROPERTIES LLC	CONSOL GAS RESERVES INC	MERGER/NAME CHANGE	286	121

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CONSOL GAS RESERVES INC	CONSOL GAS COMPANY	MERGER/NAME CHANGE	286	133
CONSOL GAS COMPANY	CNX GAS COMPANY LLC	MERGER/NAME CHANGE	293	252
CNX GAS COMPANY LLC	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	LEWIS 803	184
Carl M. Smith	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	520	583
Esther Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	300
The Estate of Guss Thomas Kelley, aka Guss T. Kelley, Executrix Merelene N. Kelley aka Merelene Kelley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	91
Joseph E. Kelley, aka Joseph Kelley, aka Joseph Edward Kelley, aka Edward Kelley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	412
Richard L. Kelley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	173
Robin L. Love aka Robin Love	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	152
Kenneth Nicholas Junkins aka Kenneth Junkins	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	140
Robert Michael Junkins aka Robert M. Junkins			532	81
Inmate #05276-087, Yazoo City Medium FCI by Carla Clayton Power of Attorney	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
Richard Gordon Crouser, Jr. aka Richard Gorden Crouser, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	146
William Edward Crouser aka William E. Crouser	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	150
Charlene Lee Vickers	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	189
Michael Roy Hood	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	535	88
Robert Gene Kinney, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	544	185
James E. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	167
Tamara Rae Hughes	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	500
Teresa Kay Blair	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	169
Michelle Stoneburner aka Lynn Ann Stoneburner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	398
Veronica Lee Gates	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	535	289
Kenneth Leonard Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	382
Kimberly Sue Delong	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	414
Heather June Thompson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	144
Karen Ann Quinn	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	150
RUTH ANN MCCLAIN	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	400
Cheryl Buchanan	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	562
Patricia Brookes	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	408
Donna Wilson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	396
Linda Grabits	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	384
Loir Burge aka Lourie Burge aka Lourie Burge-Ducharme	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	136
Randy Paul Burge aka Randy Burge aka Randy P. Burge	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	410
Steven Burge	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	148
Wanda Hazlett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	382
Annabelle M. McClain	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	504
Robert McClain aka Robert C. McClain	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	142
Judith McClain aka Judith L. McClain aka Judy McClain	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	514
Shirley A. McClain	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	87
Carl Michael Vecchione	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	537	720
Virginia L. Trikones	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	83
Rickey R. McClain	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	512
Terri Lynn Vecchione	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	537	512
David Viltro	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	535	271
Lana Sue Jarrett aka Lana Jarrett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	536	424
Corless B. Shafer aka Corless Bernadette Shafer aka Corless B. Mortz aka Corless B. Morze	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	498
Susan Lynn Shafer aka Susan L. Ryan	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	614
Celia Sue Linger	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	622
Randall E. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	624
Milton D. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	228
Creola M. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	386
Nancy L. Skinner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	520	577
Clifton Edward Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	311
Everett Charles Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	625

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Lloyd Dale Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	309
Garry Lee Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	605
Donald Ray Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	248
Richard Kelly Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	246
Misha Nichole Sopjack FKA Misha Nicole Reed	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	378
Joshua Kalam Reed aka Joshua Kalen Reed	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	131
Charles R. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	325
Terry Lynn Hickman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	696
Debra Ann Pickens	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	692
Mark Allen Hickman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	694
Michelle Diane Helm a/k/a Michelle Diane Helm McMillan	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	78
James P. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	617
Amanda Marie Nicholson nka Amanda Marie Wilkinson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	299
Romona Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	337
Naomi Mae Harris	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	597
Delcie Adrenna Jewell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	168
Beverly Ann Arps	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	607
Shelbia June Groves	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	609
Ester Joan Polan	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	611
Mike Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	315
Steve Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	291
Brenda Bost	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	173
Marie Nelson AKA Esther Marie Nelson FKA Esther Marie Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	615
Marie Nelson AKA Esther Marie Nelson FKA Esther Marie Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	615
Donna Lynn Syreus	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	611
Anna Marie Butcher	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	599
Linda C Davoli AKA Linda Lou Davoli	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	236
Carmen Mae Trent	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	520	587
Michael E. Bonnell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	620
Jamie L. Blake	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	618
Ricky D. Carroll, Sr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	635
Christopher H. Carroll	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	85
Billie L. Duff	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	394
Robert Coy Duff, Jr., a/k/a, Robert C. Duff, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	89
Denzil E Nicholson, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	520	579
Michael E. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	226
John A. Conley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	603
Ginger D. Conley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	520	585
Christopher R. Newman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	218
Robert Osborne	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	218
Amy L. Todd	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	218
Frank E. Shafer, II	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	591
Jackie Lee Gray	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	605
Kathy Mae Shaffer	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	164
Dixie Diane Fullineer	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	240
Camilla Beth Morehead	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	232
Sharon Gay Walp	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	597
Scotty W. Ruble	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	317
Eric C. Stone	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	220
Brian Gail Stone	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	418
Robert T. Flynn, Sr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	187
Donna Junkins	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	165
Denise Secret aka Denise Hughey	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	416
Delayne Plata	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	424
David Sutton	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	422
Robert T. Flynn, II aka Robert Flynn, II	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	163
Pamela S. Smith, a/k/a, Pamela S. Billow	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	593

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Marianne D. Gorham Smith	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	376
Jason Morris Smith	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	508
Michael William Smith	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	545	327
Carolyn Sue Gaston a/k/a Carolyn Sue Gaskins	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	597
Katherine Foster Leggett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	329
Zadok M. Leggett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	595
Kelleigh D. Beverlin FKA Kelleigh D. Leggett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	297
Janice Kay Snider	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	178
Eugene S. DeLawder	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	182
Randall Richard Leggett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	180
Elizabeth Ann Guido	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	160
Bernard Keith Leggett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	327
S. J. J. Leggett Family, LLC by Jill Phillips, Authorized Representative	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	84
Jennifer L. Powers	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	616
Freda B. Jones	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	186
Brenda Jo Fulton	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	287
Beverlee Ann Grose a/k/a Beverlee Ann Fenton	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	166
Jeffrey S. Anderson and Sherry D. Anderson, husband and wife, JTWROS	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	289
Kimberly Kay Davis a/k/a Kimberly Kay Anderson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	141
Eric Thomas Anderson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	583
Lorelei F. Phillips	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	302
Timothy C. Phillips	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	279
Barbara Alonso aka Barbara L. Alonso	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	564
James E. Vanscoy II	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	74
Carol A. Robison	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	398	313
Timothy L. Warzala	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	398	313
Richard L. Warzala	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	398	313
Evva Joan Vanscoy, a/k/a, Evva Joan VanScoy	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	502
Linda Paugh	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	392
Sandra K. Morgan a/k/a Sandy K. Morgan	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	234
Jeff Truran	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	420
Sandra J. Copeland	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	170
Allen Vanscoy	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	390
Matthew Sellars	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	607
Sarah Sellars	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	174
Rachel Blasingame	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	601
Destiney Copeland	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	184
Joshua Copeland	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	333
Andrew Bokros	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	169
Brian Bokros	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	304
Deborah Marie Ellis a/k/a Debra Marie Ellis	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	164
Kevin Bokros	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	167
April Sturgiss	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	539	11
Justin David Schreckengost	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	543	704
Jeffery Lynndale Schreckengost, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	542	337
Tamara L. Jewett aka Tamara Jewett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	242
Kathy Baker Ryder	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	404
Charles W. Oldaker, III	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	483
Gary L. Oldaker	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	244
Roger R. Oldaker	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	222
Gerald Oldaker aka John Gerald Oldaker	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	601
Brenda K. Hurst	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	610
Marlena R. Swiger	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	224
Amanda Taneil Travis	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	77
Wilma J. Fincham	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	595

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Becky A. Stanley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	230
Julie L. Abel	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	323
James Edward Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	134
Rick L. Nicholson a/k/a Ricky Lane Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	479
Cassie Arlene Nicholson fka Cassie Arlene Upton aka Cassie Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
Monica Virginia Nicholson Scritchfield	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	66
Donna Simpson aka Donna Phares Simpson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	537	200
Dianna Phares Stemple	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	537	514
Patricia "Patty" Ann Phares Gunter	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	539	650
Eraina Muscatell aka Eraina Virginia Phares Muscatell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	510
Barry Russell Burrows, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	516
Loretta Sue Cunningham AKA Loretta Sue Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	617
Roberta Jean Swiger	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	606
Cathy A. Swiger	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	612
Robert Gene Swiger, III	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	132
Country Roads Minerals, LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	623
LaCore Agriculture, Inc.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	623
Anna M. Lucas	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	79
Valerie L. Emery AKA Valarie L. Emery	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	166
Bryan William Vanscoy	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	238
Danielle R. Wagner FKA Danielle R. Vanscoy	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	148
Gloria Lea Aichele	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	604
Joan E. Rome	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	602
John E. Barker III	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	306
Judith L. Maddix	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	619
Lena Jayne Fragmin	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	331
Sylvia Jean Childers AKA Sylvia Jean Childress	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	319
Mary K. Long	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	325
Clista Ann Sprouse	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	321
WILLIAM HARBERT	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	531	506
David Anthony Mazzie	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	587
Anthony Paul Visokay	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	388
Alicia Ann Visokay	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	608
Rachel Martha Dodd	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	146
Celeste Miller AKA Celeste Renee Dodd Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	526	626
Michelle Lynch	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	599
Pamela S. Baughman aka Pam Baughman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	589
Forest E. Henning, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	587
Terry Henning	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	560
Edward J. Henning aka Eddie Henning	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	162
Linda Kay Henning Robinson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	146
Charles Roscoe Henning, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	172
Edward K. Toothman, III	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	406
Olivia Rose Toothman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	380
Denzil R. Skidmore, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	603
Richard R. Skidmore	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	601
Connie E. Skidmore Bocco	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	158
Cathy Jo Conley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	593
Malissa Kennedy	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	621
Jennifer Sheets	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	534	138
Robert Lee Kelley, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	481
James Scott Kelley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	485
Shirley Skidmore	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	527	156
Kelly Jo Paugh	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	615
Timothy Don Stire	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	544	674

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Lucinda J. Ely and Gary R. Ely, as Co-Trustees for Robert Kent Bailey The Algie L. Bailey Trust			526	285
Mary Fiber	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
Shirley Jean Miller AKA Jean Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	613
			572	220
Paul Guy Nicholson	HG ENERGY II APPALACHIA, LLC	MINERAL DEED	521	585
Dona Lee Warner aka Donna Lee Warner aka Dona L. Nicholson Warner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	323
Eric J. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	532	402
Christopher M. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	380
Kimberlee A. Nicholson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	76
Angel Valdez, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	80
Michael S. Valdez	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	86
Richard W. Valdez	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	176
Anita M. Martin AKA Anita M. Valdez	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	313
David L. Valdez	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	522	609
Elizabeth Jean Bennett aka Elizabeth J. Bennett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	530	171
Michelle LaRae Webb	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	524	327
RICHARD OWEN DAVIS JR	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	68
James W. Nicholson or His Unknown Heirs		NOT LESS THAN 1/8	525	88
Barry Francis Hood		Horizontal Unit Hearing Scheduled 11/03/25		
DOD 1/21/2013 Hocking county, OH				
Karen Sue Arnold		Horizontal Unit Hearing Scheduled 11/03/25		
Tina Burns				
DOD 9/25/2015		Horizontal Unit Hearing Scheduled 11/03/25		
Amanda Lea Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Jeffrey Ray Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Cora Elizabeth Kinney aka Cora Kinney aka Cora E. Kinney		Horizontal Unit Hearing Scheduled 11/03/25		
Thomas Edward Vecchione		Horizontal Unit Hearing Scheduled 11/03/25		
Jerry Lynn Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Richard Leon Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Kyle N. Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Kenneth Scott Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Saylen Dean Houston		Horizontal Unit Hearing Scheduled 11/03/25		
Marsha L. Cottrill FKA Marsha L. Nicholson		Horizontal Unit Hearing Scheduled 11/03/25		
Terri L. Greathouse		Horizontal Unit Hearing Scheduled 11/03/25		
Judy Ann Vanscoy		Horizontal Unit Hearing Scheduled 11/03/25		
Kathryn Mae McInnes		Horizontal Unit Hearing Scheduled 11/03/25		
Carlos Dion Sturgiss		Horizontal Unit Hearing Scheduled 11/03/25		
Kyle Andrew Sturgiss		Horizontal Unit Hearing Scheduled 11/03/25		
Nicholas Michael Sturgiss aka Nicholas M. Sturgiss		Horizontal Unit Hearing Scheduled 11/03/25		
William Garrison Elwell, Jr.		Horizontal Unit Hearing Scheduled 11/03/25		
Jessica Lynn Todd		Horizontal Unit Hearing Scheduled 11/03/25		
Toni D. Marshall		Horizontal Unit Hearing Scheduled 11/03/25		
Alan F. Barker		Horizontal Unit Hearing Scheduled 11/03/25		
Tresa Diane Bianco		Horizontal Unit Hearing Scheduled 11/03/25		
Robert A. Henning		Horizontal Unit Hearing Scheduled 11/03/25		
Nicholas Serafino Anania aka Nicholas Anania		Horizontal Unit Hearing Scheduled 11/03/25		
Chanda L'Rae Anania aka Chanda L'Rae Crosby		Horizontal Unit Hearing Scheduled 11/03/25		
Tammy Minnette Stewart aka Tammy Minnette Henning		Horizontal Unit Hearing Scheduled 11/03/25		
Amy Morris		Horizontal Unit Hearing Scheduled 11/03/25		
Kelli M Napier FKA Kelli Pierce FKA Kelli M. Henning		Horizontal Unit Hearing Scheduled 11/03/25		
Shelly C Hagley FKA Shelly Henning		Horizontal Unit Hearing Scheduled 11/03/25		
Carolyn Rebecca Nolan aka Carolyn Henning n/k/a Carolyn Ligley		Horizontal Unit Hearing Scheduled 11/03/25		
Lori Ann Sprouse FKA Lori Ann Shumate		Horizontal Unit Hearing Scheduled 11/03/25		
Patti Jo Skidmore		Horizontal Unit Hearing Scheduled 11/03/25		

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56	FK014331	03-004D-0042-0000 03-004D-0042-0001 03-004D-0043-0001 03-004D-0043-0002	Q100421000	JOSEPH GUM AND MARGARET GUM, HIS WIFE; A. F. GUM AND M. L. GUM, HIS WIFE; AND MARY SIMMONS AND LOIS SIMMONS	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	68	209
				HOPE CONSTRUCTION & REFINING COMPANY	HOPE NATURAL GAS COMPANY	MERGER/NAME CHANGE	169	2
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				P. L. HULL AND M. E. HULL, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	68	97
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
60	FK013958	03-004C-0008-0000 03-004C-0008-0001 03-004D-0040-0002 03-004D-0040-0001 03-004D-0040-0003	Q100460000	CNX GAS COMPANY LLC	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				J. P. HULL	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	68	103
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
65	FK013957	03-004D-0049-0000 03-004D-0049-0001	Q100908000	DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				J. P. HULL	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	68	103
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154

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4704105773



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

Chk # 052751
9/29/25
\$ 7,500.00

September 29, 2025

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

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RE: Gum 1217 N-4H Drill Permit Revision Request – (47-041-05773)
- Freemans Creek District, Lewis County, West Virginia

Dear Mr. Blevins -

Per our discussions enclosed are revised forms (survey plat, mylar, WW-6B, and casing schematic) and a check for expedited service for the 1217 N-4H well work permit revision request. We ask the permit be modified to include additional acquired leases resulting in extended total measured depth and the horizontal leg for the specified 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: Ken Greynolds – WV DEP State Inspector

11/07/2025