



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

Wednesday, September 8, 2021
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC

Re: Permit Modification Approval for EVANS 1213 N-4H
47-041-05720-00-00

Lateral Extension due to Acquiring New Leases

HG ENERGY II APPALACHIA, LLC

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

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


James A. Martin
Chief

Operator's Well Number: EVANS 1213 N-4H
Farm Name: JAMES M. & SUZANNE L. EVANS
U.S. WELL NUMBER: 47-041-05720-00-00
Horizontal 6A New Drill
Date Modification Issued: 9/8/2021

Promoting a healthy environment.

09/10/2021

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

1) Well Operator: HG Energy II Appalachia, LLC 494519932 Lewis Freemantle Camden 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Evans 1213 N-4H Well Pad Name: Evans 1213

3) Farm Name/Surface Owner: James & Suzanne Evans Public Road Access: Mare Run Rd at CR 10/9

4) Elevation, current ground: 1233' Elevation, proposed post-construction: 1227'

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 6709/6791' and 82' in thickness. Anticipated pressure at 4314#.

8) Proposed Total Vertical Depth: 6760'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 29,312'

11) Proposed Horizontal Leg Length: 20,841'

12) Approximate Fresh Water Strata Depths: 60', 136', 151', 200'

13) Method to Determine Fresh Water Depths: Nearest offset well data, (47-041-01847, 1786, 1233)

14) Approximate Saltwater Depths: None found

15) Approximate Coal Seam Depths: 220', 445', 550', 800', 805' (Surface casing is being extended to cover the coal in the DTI Storage 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: _____

SDW
9/3/2021

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Office of Oil and Gas
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Environmental Protection

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	1100'	1100' ✓	40 % Excess CTS
Intermediate 1	13 3/8"	NEW	J-55 BTC	68	2100'	2100' ✓	40 % Excess CTS
Intermediate 2	9 5/8"	NEW	N-80 BTC	40	5200'	5200' ✓	40 % Excess Tail CTS
Production	5 1/2"	NEW	P-110 HP	23	29312'	29312' ✓	20 % Excess Tail CTS
Tubing							
Liners							

*SOW
9/3/2021*

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 = 1,200 CTS
Intermediate 1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Less 40% excess, Tail 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	5750		Type 1/Class A	Less 40% excess, Tail 0% excess
Production	5 1/2"	8 1/2"	.415	16240 ✓	12500	Type 1/Class A	20% excess yield = 1.15, tail yield = 0.20
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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09/10/2021

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 6760 feet. Drill horizontal leg to estimated 20,841' lateral length, 29,312' 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): 14.36 acres

22) Area to be disturbed for well pad only, less access road (acres): 6.26 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 - Run 1 spiral centralizer every 5 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5' long joint to the top of the curve.

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

Conductor - N/A, Casing to be drilled in w/ Dual Rotary Rig
Fresh Water/Coal - 15.8 ppg PNE-1 + 3% bwoc CaCl₂, 40% Excess Yield = 1.20, CTS
Intermediate 1 - Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl₂, 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl₂ zero% Excess, CTS
Intermediate 2 - Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl₂, 40% Excess, Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl₂, 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 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

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.

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*Note: Attach additional sheets as needed.



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 WV Department of
 Environmental Protection

1213 N-4H
 Marcellus Shale Horizontal
 Lewis County, WV

1213 N-4H SHL 14205092.25N 1778021.99E
 1213 N-4H LP 14206623.74N 1781018.77E
 1213 N-4H BHL 14226266.63N 1774077.71E

WELLBORE DIAGRAM	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
	25"	20" 94# J-55	Fresh Water	0	214,600, #61	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
			Kittaning Coal	800	805					
			Fresh Water Protection	0	1100 ✓					
	17.5"	13-3/8" 58# J-55 BTC	Little Lime	1474	1494	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	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	1524	1594					
			Injun / Ganiz (Storage)	1594 / 1866	1892 / 1926					
			Intermediate 1	0	2100 ✓					
	12.25"	9-5/8" 40# N-80 BTC	Fifty / Thirty Foot	1978 / 2075	1996 / 2102	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	Bow Spring on first 2 joints then every third joint to 100' form surface	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
			Gordon Gray / Gordon	2120 / 2156	2154 / 2232					
			5th Sand	2369	2409					
			Bayard / Warren	2449 / 2771	2479 / 2796					
			Speechley	3076	3096					
			Beltown	3286	3346					
			Benson	4386	4411					
Intermediate 2	0	TVD: 4600 MD: 5200 Inc. 45 deg.								
3.75'	5-1/2" 23# F-110 HP CDC HTQ	Rhinestreet	6009	6279	AIR / 9.0ppg 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.	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	
Cashaqua		6279	6379							
Middlesex		6379	6411							
West River		6411	6482							
Burkett		6482	6492							
Tully Limestone		6492	6600							
Hamilton		6600	6753							
Marcellus		6709	6791							
TMD / TVD (Production)		29312	6760							
Onondaga		6791								
8.5" Curve	5-1/2" 23# F-110 HP CDC HTQ	Rhinestreet	6009	6279	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 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	
Cashaqua		6279	6379							
Middlesex		6379	6411							
West River		6411	6482							
Burkett		6482	6492							
Tully Limestone		6492	6600							
Hamilton		6600	6753							
Marcellus		6709	6791							
TMD / TVD (Production)		29312	6760							
Onondaga		6791								
8.5" Lateral	5-1/2" 23# F-110 HP CDC HTQ	Rhinestreet	6009	6279	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 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	
Cashaqua		6279	6379							
Middlesex		6379	6411							
West River		6411	6482							
Burkett		6482	6492							
Tully Limestone		6492	6600							
Hamilton		6600	6753							
Marcellus		6709	6791							
TMD / TVD (Production)		29312	6760							
Onondaga		6791								

LP @ 6760' TVD / 8471' MD

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

+/-20841' ft Lateral ✓

TD @ +/-5760' TVD
 +/-29312' MD

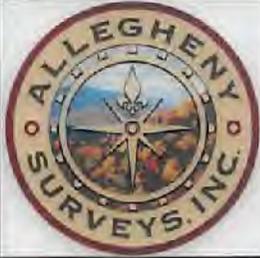
X=centralizers

4704105720

HG Energy II Appalachia, LLC
Well No. Evans 1213 N-4H MOD

8,090' to Bottom Hole

4,263' to Top Hole



TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 12 - 30

LONGITUDE 80 - 30 - 00
3,444' to Top Hole

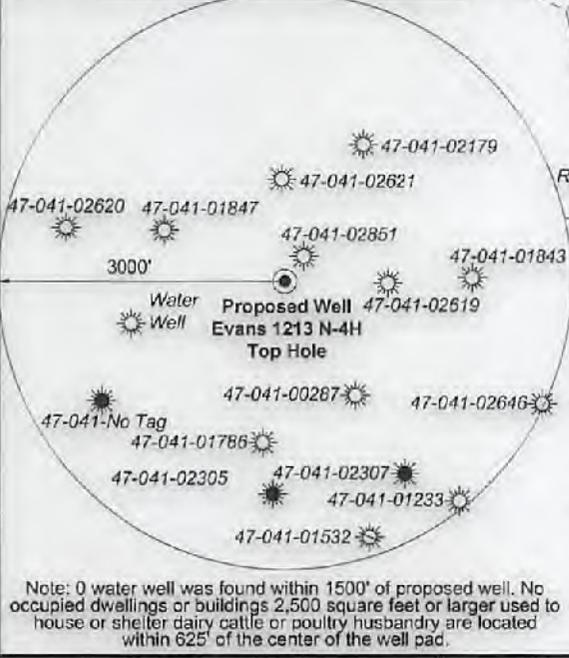
Notes:
Well No. Evans 1213 N-4H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,092.25'
E: 1,778,021.99'
Landing Point Coordinates
N: 14,206,623.74'
E: 1,781,018.77'
Bottom Hole Coordinates
N: 14,226,266.63'
E: 1,774,077.71'

Tag	Bearing	Dist.	Description
L1	N 88°33' W	1,044.6'	#47-041-02619
L2	S 68°04' E	1,391.2'	#47-041-01847
L3	S 31°04' E	511.6'	Gate Post
L4	S 12°00' E	2,471.2'	5/8" Rebar w/cap
L5	N 62°56' E	3,365.4'	Landing point

Notes: Well No. Evans 1213 N-4H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'55.95" Latitude: 39°10'25.52"
Longitude: 80°30'54.10" Longitude: 80°31'42.76"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,720.777m N: 4,336,174.744m
E: 541,942.186m E: 540,739.969m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



SEAL
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.
Kevin S. James
Kevin S. James, P.S. 2305



FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 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: June 9 2021
OPERATOR'S WELL NO. Evans 1213 N-4H
API WELL NO MOD
47 - 041 - 05720
STATE COUNTY PERMIT

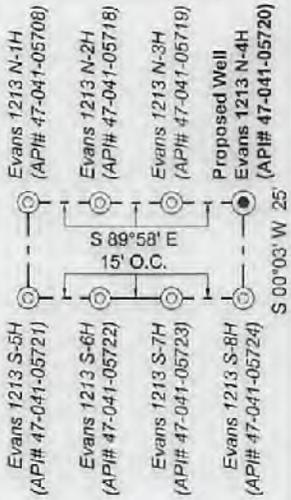
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: James M. & Suzanne L. Evans
ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: ACREAGE: 294.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,760' TVD
29,312' 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

12,590' to Bottom Hole



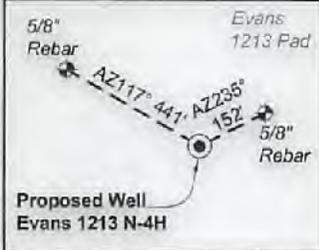
Wellhead Layout (NTS)



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.)
- Adjoiner surface tracts (approx.)

Well Location References
Not to Scale



ID	Lease
1	Carrie Dillin, et al
2	Alvadore Hughes, et al
10	W.H. Coffindaffer, et al
12	Betty A. Coffindaffer, et al
13	Robert T. Paugh, et al
15	E. Maxine Moffett, et al
20	W.T. Highland, et al
22	A.H. Reed, et al
23	A.H. Reed, et al
25	Edwin Gaston, et al
26	J.S. Norris
31	Mary C. Burnside, et al
32	Robert W. & Neva S. Coffindaffer, et al
33	Amanda Jade Welch, et al
35	Edward J. Rightmire, et al
36	Eugene Rex Cury, et al



Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 4	Suzanne L. & James M. Evans, III	657 / 228	294.00
2	6C / 21	Clarence C. Thacker, et al	445 / 493	166.25
3	6C / 22	Mann Family Trust	617 / 608	265.19
4	6B / 11	Edward E. Garrett, et al	429 / 245	30.00
5	6B / 10	Michael Terrel Moss, et al	340 / 693	112.00
6	6B / 18	Berlin Family Irrevocable Trust	743 / 893	100.00
7	6B / 12	Edward E. Garrett, et al	429 / 245	27.75
8	6B / 14	Edward E. Garrett, et al	429 / 245	30.00
9	6B / 15	Edward E. Garrett, et al	429 / 245	30.75
10	6B / 5	James C. Garrett, et al	621 / 578	136.00
11	6B / 4	Edward Earl Garrett, et al	429 / 245	92.50
12	6B / 21	Mark D. Roles	W50 / 769	195.91
13	6B / 2	Edward & Theresa M. Paugh (L/E)	746 / 831	78.25
14	6B / 3	Eric & Kathy Beevers	509 / 197	99.00
15	6B / 1	Edward & Theresa M. Paugh (L/E)	746 / 828	17.00
16	6B / 51	Douglas L. & Donna S. Nolan	622 / 673	5.00
17	6C / 3.2	John K. Burnside & Bertha F. Benedum	666 / 44	115.00
Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
18	442 / 9.1	Jimmy L. & Ann E. Lane	1276 / 1146	0.28
19	442 / 12	Eric & Kathy Beevers	1237 / 941	30.00
20	442 / 12.1	Douglas L. & Donna S. Nolan	1414 / 1039	0.95
21	442 / 11	Douglas L. & Donna S. Nolan	1478 / 929	34.13
22	442 / 10	Mike Ross, Inc.	1590 / 158	64.53
23	422 / 34.1	Mark J. Coffindaffer, et al	W160 / 415	24.07
24	422 / 34	Terry Bostardi, et al	1617 / 374	66.56
25	442 / 9	Edward R. & Theresa M. Paugh	1419 / 648	90.49
26	422 / 33	Mark J. Coffindaffer, et al	W160 / 415	125.7
27	422 / 16	Terry Bostardi, et al	1617 / 374	62.61
28	422 / 15.1	Stephen J. & Frede P. Perkins	1560 / 347	61.48
29	422 / 15	Betty Jo Keister	1560 / 399	61.48
30	422 / 15.3	Carol A. & Theodore A. Nay	1560 / 362	83.83
31	422 / 4	Michael A. & Barbara J. Davis	1237 / 113	105.23
32	422 / 14	Russell L. Curry	1249 / 782	1.56
33	422 / 5.1	William L. & Sandra L. Coffindaffer	1347 / 554	1.31
34	422 / 5	William L. & Sandra L. Coffindaffer	1018 / 715	65.29
35	402 / 37	Gregory A. Isaac	1351 / 47	40.85
36	402 / 38	Mary Lou Curry, et al	1539 / 769	97.37

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 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: June 9 2021
OPERATOR'S WELL NO. Evans 1213 N-4H
API WELL NO MOD
47 - 041 - 05720
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek

QUADRANGLE: Btm: Big Isaac
Top: Camden
COUNT: 09/10/2021
ACREAGE: 294.00

DISTRICT: Freemans Creek

SURFACE OWNER: James M. & Suzanne L. Evans

ROYALTY OWNER: Mary C. Burnside, et al, et al

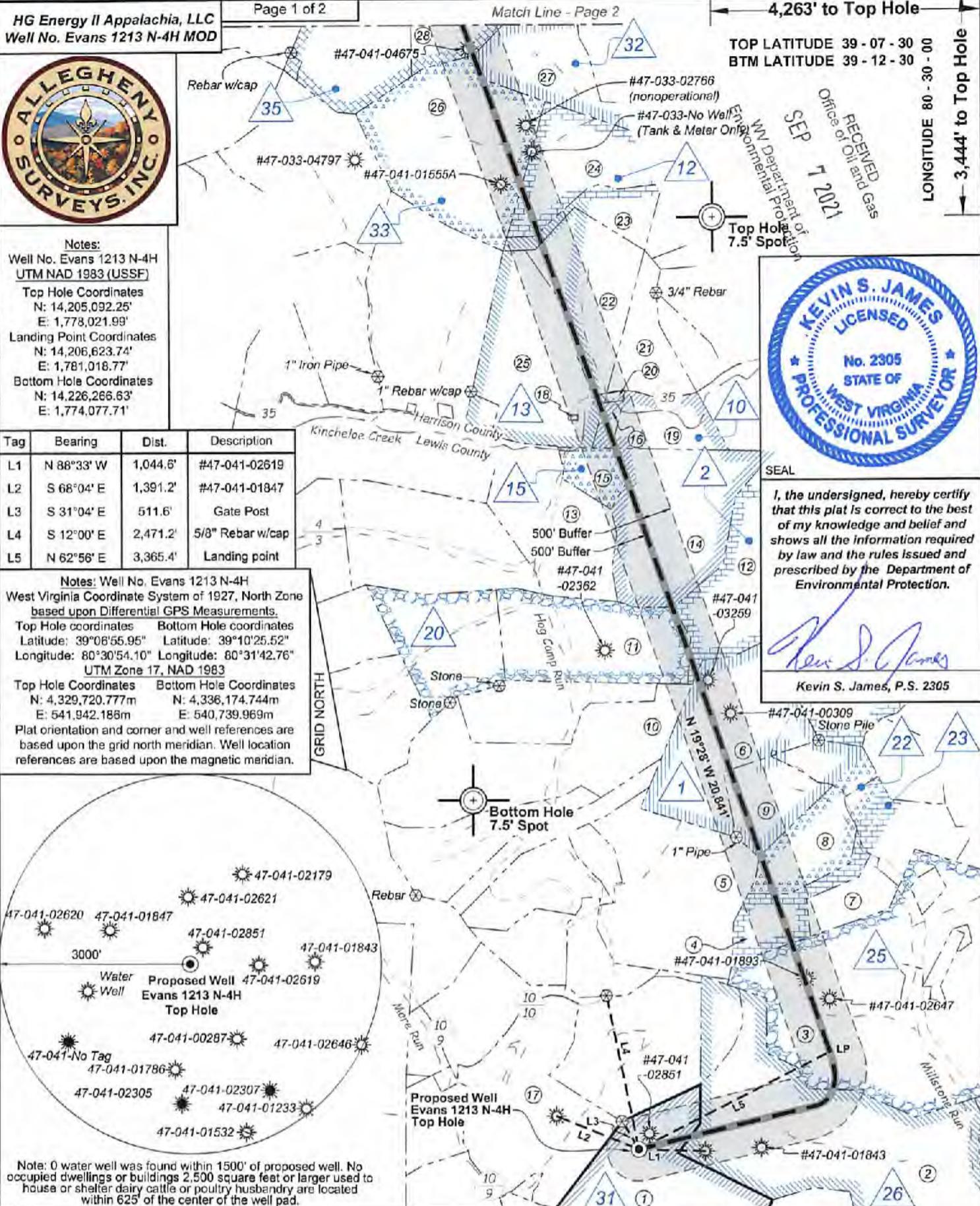
LEASE NO: ACREAGE: 294.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 6,780' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,312' MD

WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101



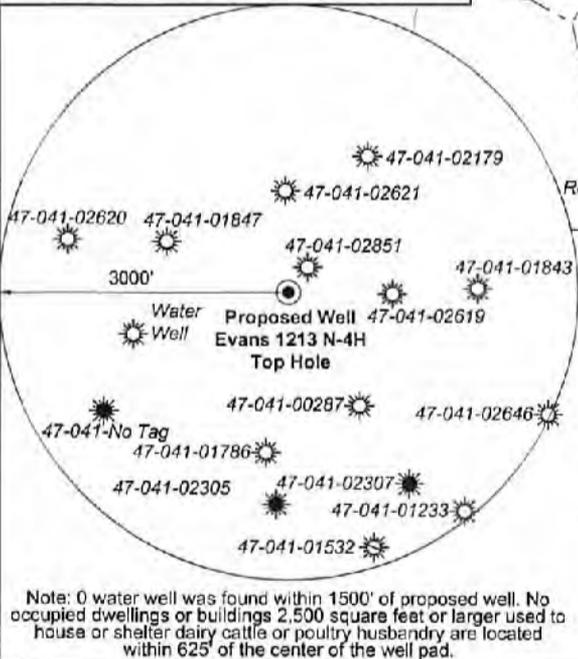
Page 1 of 2
 HG Energy II Appalachia, LLC
 Well No. Evans 1213 N-4H MOD



Notes:
 Well No. Evans 1213 N-4H
 UTM NAD 1983 (USSF)
 Top Hole Coordinates
 N: 14,205,092.25'
 E: 1,778,021.99'
 Landing Point Coordinates
 N: 14,206,623.74'
 E: 1,781,018.77'
 Bottom Hole Coordinates
 N: 14,226,266.63'
 E: 1,774,077.71'

Tag	Bearing	Dist.	Description
L1	N 88°33' W	1,044.6'	#47-041-02619
L2	S 68°04' E	1,391.2'	#47-041-01847
L3	S 31°04' E	511.6'	Gate Post
L4	S 12°00' E	2,471.2'	5/8" Rebar w/cap
L5	N 62°56' E	3,365.4'	Landing point

Notes: Well No. Evans 1213 N-4H
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Top Hole coordinates Bottom Hole coordinates
 Latitude: 39°08'55.95" Latitude: 39°10'25.52"
 Longitude: 80°30'54.10" Longitude: 80°31'42.76"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,329,720.777m N: 4,336,174.744m
 E: 541,942.186m E: 540,739.969m
 Plat orientation and corner and well references are
 based upon the grid north meridian. Well location
 references are based upon the magnetic meridian.



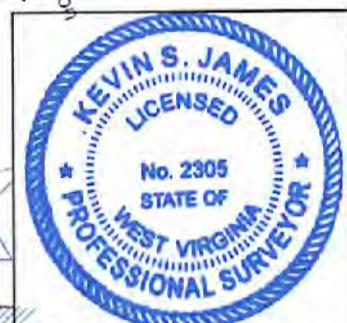
FILE NO: 235-36-12-19
 DRAWING NO: Evans 1213 N-4H Well Plat
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 CORS, Bridgeport, WV

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

DATE: June 9 2021
 OPERATOR'S WELL NO. Evans 1213 N-4H
 API WELL NO
 47 - 041 - 05720
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
 DISTRICT: Freemans Creek
 SURFACE OWNER: James M. & Suzanne L. Evans
 ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: ACREAGE: 294.00
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,312' 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



SEAL
 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.
 Kevin S. James, P.S. 2305

8,090' to Bottom Hole

4,263' to Top Hole

TOP LATITUDE 39 - 07 - 30
 BTM LATITUDE 39 - 12 - 30

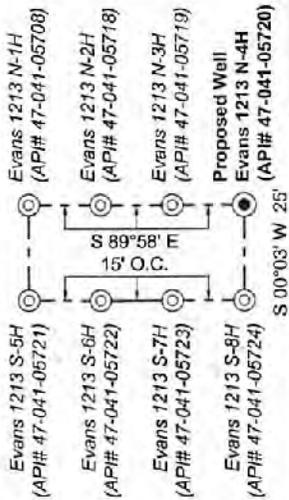
LONGITUDE 80 - 30 - 00
 3,444' to Top Hole

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 Office of Oil and Gas
 SEP 7 2021
 WV Department of Environmental Protection

12,590' to Bottom Hole



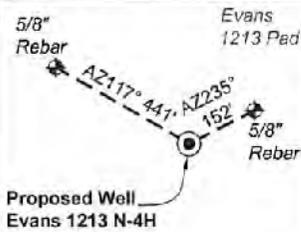
Wellhead Layout (NTS)



Legend

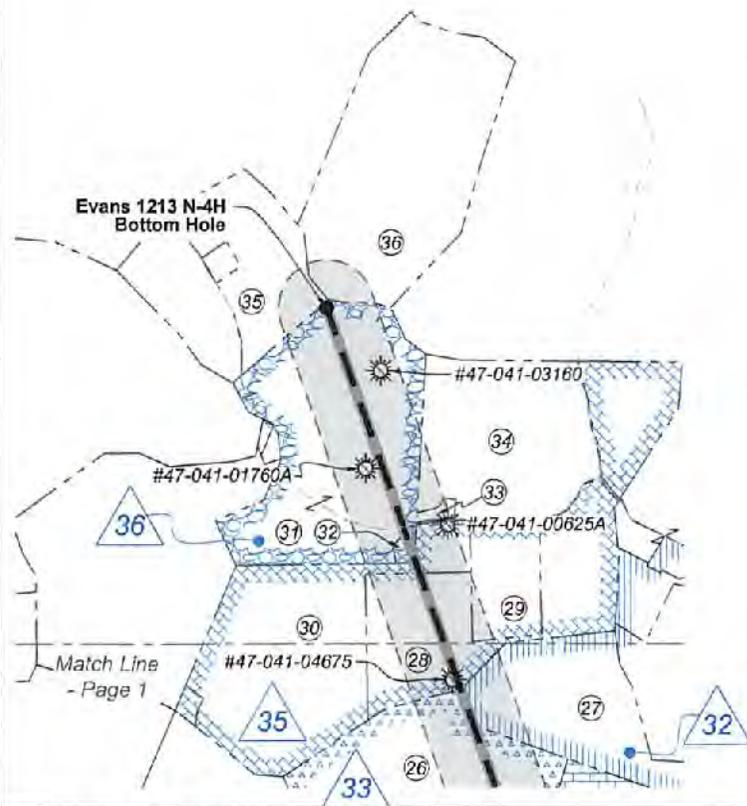
- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Adjoinder surface tracts (approx.)

Well Location References
Not to Scale



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Environmental Protection

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13	Robert T. Paugh, et al
15	E. Maxine Moffett, et al
20	W.T. Highland, et al
22	A.H. Reed, et al
23	A.H. Reed, et al
25	Edwin Gaston, et al
26	J.S. Norris
31	Mary C. Burnside, et al
32	Robert W. & Neva S. Coffindaffer, et al
33	Amanda Jade Welch, et al
35	Edward J. Rightmire, et al
36	Eugene Rex Curry, et al



Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 4	Suzanne L. & James M. Evans, III	657 / 228	294.00
2	6C / 21	Clarence C. Thacker, et al	445 / 493	166.25
3	6C / 22	Mann Family Trust	617 / 608	285.19
4	6B / 11	Edward E. Garrett, et al	429 / 245	30.00
5	6B / 10	Michael Terrel Moss, et al	340 / 693	112.00
6	6B / 18	Berlin Family Irrevocable Trust	743 / 893	100.00
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9	6B / 15	Edward E. Garrett, et al	429 / 245	30.75
10	6B / 5	James C. Garrett, et al	621 / 578	136.00
11	6B / 4	Edward Earl Garrett, et al	429 / 245	92.50
12	6B / 21	Mark D. Roles	W50 / 769	195.91
13	6B / 2	Edward & Theresa M. Paugh (L/E)	746 / 831	78.25
14	6B / 3	Eric & Kathy Beevers	509 / 197	99.00
15	6B / 1	Edward & Theresa M. Paugh (L/E)	746 / 828	17.00
16	6B / 51	Douglas L. & Donna S. Nolan	622 / 673	5.00
17	6C / 3.2	John K. Burnside & Bertha F. Benedum	666 / 44	115.00
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No.	TM / Par	Owner	Bk / Pg	Ac.
18	442 / 9.1	Jimmy L. & Ann E. Lane	1276 / 1148	0.28
19	442 / 12	Eric & Kathy Beevers	1237 / 941	30.00
20	442 / 12.1	Douglas L. & Donna S. Nolan	1414 / 1039	0.95
21	442 / 11	Douglas L. & Donna S. Nolan	1478 / 929	34.13
22	442 / 10	Mike Ross, Inc.	1590 / 158	64.53
23	422 / 34.1	Mark J. Coffindaffer, et al	W160 / 415	24.07
24	422 / 34	Terry Bostardi, et al	1617 / 374	66.56
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34	422 / 5	William L. & Sandra L. Coffindaffer	1018 / 715	65.29
35	402 / 37	Gregory A. Isaac	1351 / 47	40.85
36	402 / 38	Mary Lou Curry, et al	1539 / 769	97.37

FILE NO: 236-36-12-19
DRAWING NO: Evans 1213 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: June 9 2021
OPERATOR'S WELL NO. Evans 1213 N-4H
API WELL NO
47 - 041 - 05720
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: James M. & Suzanne L. Evans
ROYALTY OWNER: Mary C. Burnside, et al, et al

Btm: Big Isaac
Top: Camden
QUADRANGLE: 09/10/2021
COUNT: 09/10/2021
ACREAGE: 294.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,312' MD

WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

8,090' to Bottom Hole

4,263' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 12 - 30

LONGITUDE 80 - 30 - 00
3,444' to Top Hole

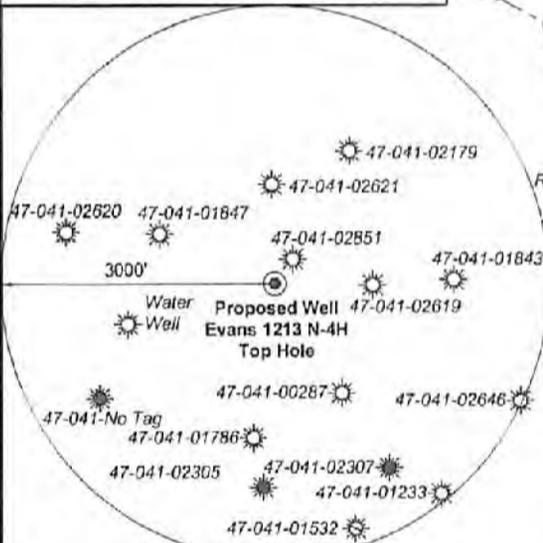
Page 1 of 2
HG Energy II Appalachia, LLC
Well No. Evans 1213 N-4H MOD



Notes:
Well No. Evans 1213 N-4H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,092.25'
E: 1,778,021.99'
Landing Point Coordinates
N: 14,206,623.74'
E: 1,781,018.77'
Bottom Hole Coordinates
N: 14,226,266.63'
E: 1,774,077.71'

Tag	Bearing	Dist.	Description
L1	N 88°33' W	1,044.6'	#47-041-02619
L2	S 68°04' E	1,391.2'	#47-041-01847
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Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



Note: 0 water well was found within 1500' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

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COUNTY: Lewis

DISTRICT: Freemans Creek

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LEASE NO: ACREAGE: 294.00

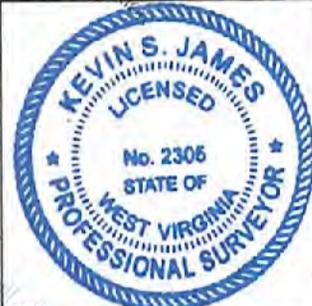
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29,312' MD

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ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
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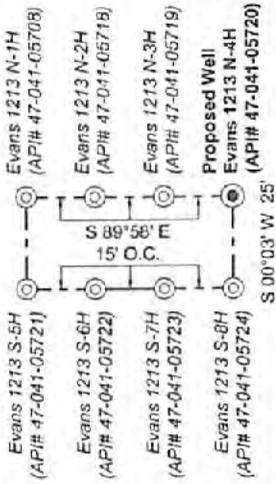


SEAL
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Kevin S. James
Kevin S. James, P.S. 2305

12,590' to Bottom Hole



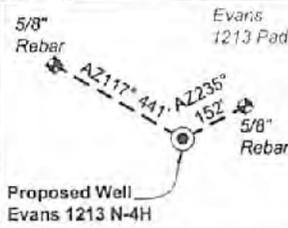
Wellhead Layout (NTS)



Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
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- Adjoiner surface tracts (approx.)

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Lewis Co. - Freeman Creek Dist.

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15	6B / 1	Edward & Theresa M. Paugh (L/E)	746 / 828	17.00
16	6B / 51	Douglas L. & Donna S. Nolan	622 / 673	5.00
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34	422 / 5	William L. & Sandra L. Coffindaffer	1018 / 715	65.29
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FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 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: June 9 2021
OPERATOR'S WELL NO. Evans 1213 N-4H
API WELL NO
47 - 041 - 05720
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
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LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: James M. & Suzanne L. Evans
ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: _____ ACREAGE: 294.00
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 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ BHL MOD _____ 6,760' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,312' 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

Btm: Big Isaac
Top: Camden
COUNTY: Lewis
ACREAGE: 294.00
09/10/2021

WW-6A1
(5/13)

Operator's Well No. Evans 1213 N-4H

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

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

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
-------------------------	-----------------------	-----------------------	---------	-----------

See Attached Sheets

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

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

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

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Environmental Protection

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

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

HG Energy II Appalachia, LLC - Evans 1213 N-4H Lease Chain

1213N Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE				
31	FK052229	03-005C-0043-0000 03-006C-0004-0000	Q100759000 053436 053307	MARY C. BURNSIDE AND JOHN L. BURNSIDE, HER HUSBAND	A. W. WOODFORD AND GEO. E. MCGUIRE	NOT LESS THAN 1/8	33	431				
				GEO. E. MCGUIRE	A. W. WOODFORD	ASSIGNMENT	Unrecorded	Unrecorded				
				A. W. WOODFORD	J. M. GUFFEY AND J. H. GALEY	ASSIGNMENT	33	515				
				J. M. GUFFEY AND J. H. GALEY	THE PHILADELPHIA COMPANY OF WEST VIRGINIA	ASSIGNMENT	44	583				
				THE PHILADELPHIA COMPANY OF WEST VIRGINIA	THE PITTSBURGH AND WEST VIRGINIA GAS COMPANY	ASSIGNMENT	125	379				
				THE PHILADELPHIA COMPANY OF WEST VIRGINIA	THE PITTSBURGH AND WEST VIRGINIA GAS COMPANY	DEED	125	371				
				THE PITTSBURGH 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				
				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				
				26	FK053129	03-006C-0021-0000 03-006C-0002-0000 03-006C-0019-0000	Q100767000	J. S. NORRIS	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	121
								SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	122
HOPE NATURAL GAS COMPANY	RESERVE GAS COMPANY	ASSIGNMENT	79					370				
RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155					202				
HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294					89				
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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					139				
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722					170				
DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS									
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723					527				
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				
								EDWIN GASTON AND LAURA L. GASTON, HUSBAND; CLARK GASTON AND IDA GASTON, HIS WIFE; W. GASTON AND SUSAN GASTON, HIS WIFE; I. V. GASTON	RESERVE GAS COMPANY	NOT LESS THAN 1/8	71	318
								RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	155	202
								HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
								HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89

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25	FK053267	<p>Mapped as 03-006B-0029-0000; 03-006B-0048-0000, 03-006C-0022-0000</p> <p>Assessed as 03-006C-0022-0000, 03-006C-0022-0001, 03-006C-0058-0000, 03-006C-0061-0000</p>	Q100387000/ FEEHGI10066	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	139
				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	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				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
				23	FK062375 FK062961	<p>SEP 7 2021</p> <p>RECEIVED Office of Oil and Gas</p> <p>WV Department of Environmental Protection</p> <p>03-006B-0011-0000 P/O 03-006B-0013-0000</p>	Q100387000/ FEEHGI10066	A. H. REED, WIDOWER; BERTIE R. FLETCHER AND RALPH FLETCHER, HER HUSBAND; MADGE R. BARBE AND WEAVER BARBE, HER HUSBAND; AND H. MAY TAYLOR
CHARLES M. GARRETT AND DELPHIA GARRETT, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	216					326
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					139
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	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723					527
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				
22	FK108073	<p>03-006B-0014-0000 p/o 03-006B-0013-0000 p/o 03-006B-0016-0000</p>	Q100940000	A. H. REED, WIDOWER; BERTIE R. FLETCHER AND RALPH FLETCHER, HER HUSBAND; MADGE R. BARBE AND WEAVER BARBE, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	215	244
				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	139
				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	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				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
1	FK065437	03-006B-0018-0000, 03-006B-0015-000, p/o 03-006B-0016-0000	Q102365000	CARRIE DILLIN, SINGLE; HARVEY DILLON, ATTORNEY-IN-FACT FOR: HAROLD DILLON, EDNA C. DILLON, HERBERT DILLON AND JANICE DILLON, HIS WIFE; HELEN DILLON BROWN AND CHARLES BROWN, HER HUSBAND; GLORIA DILLON, WIFE OF HARVEY DILLON	W. B. BERRY	NOT LESS THAN 1/8	386	369
				W. B. BERRY	BERRY ENERGY CONSULTANTS & MANAGERS, INC.	ASSIGNMENT	398	561
				BERRY ENERGY CONSULTANTS & MANAGERS, INC.	J & J ENTERPRISES, INC	ASSIGNMENT	688	669
				J & J ENTERPRISES, INC	EASTERN AMERICAN ENERGY CORPORATION	CONFIRMATORY DEED	479	154
				EASTERN AMERICAN ENERGY CORPORATION	ENERGY CORPORATION OF AMERICA	CONFIRMATORY DEED	641	184
				ENERGY CORPORATION OF AMERICA	CNX GAS COMPANY LLC	PARTIAL ASSIGNMENT	697	320
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	684	57
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				ENERGY CORPORATION OF AMERICA	Greylock Production, LLC	ASSIGNMENT	725	53
				Greylock Production, LLC	HG ENERGY II APPALACHIA, LLC	PARTIAL TERM ASSIGNMENT	763	368
				ALVADOR HUGHES, WIDOWER; MARIE HUGHES, WIFE OF PAUL HUGHES; ICIE L. LAW, WIDOW; PAUL HUGHES, A MARRIED MAN; ALDA DAVIS, WIDOW; ALDA DAVIS, ATTORNEY-IN-FACT FOR LAWRENCE A. HUGHES; LAWRENCE A. HUGHS AND GLENNA F. HUGHES, HIS WIFE; AND HENRIETTA HUGHES, WIDOW	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	220	346
				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	
2	FK064222	03-006B-0019-0001, 03-006B-0020-0001, p/o 03-006B-0021-0000	Q101054000	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	139
				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	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				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
				W. T. HIGHLAND AND DESSIE HIGHLAND, HIS WIFE; G. B. HIGHLAND; HATTIE THOMPSON AND ARTHUR THOMPSON, HER HUSBAND; HOMER HIGHLAND AND LILLIE HIGHLAND, HIS WIFE; AND, CARRIE HIGHLAND	RESERVE GAS COMPANY	NOT LESS THAN 1/8	65	335
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154

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Case No.	File No.	Case Description	Case No.	Party Name	Document Type	Harrison	Lewis					
	03-005B-0036-0000			CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57				
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY	PARTIAL ASSIGNMENT (32%)	712	848				
				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				
				10	FK065365 FK065365-1 FK065365-2	RECEIVED Office of Oil and Gas SEP 7 2021 WV Department of Environmental Protection	Q100604000	W. H. COFFINDAFFER AND MAXIE COFFINDAFFER, HIS WIFE; C. CLYDE COFFINDAFFER AND HAZEL COFFINDAFFER, HIS WIFE; R. S. COFFINDAFFER AND BEULAH B. COFFINDAFFER, HIS WIFE; ELVA CURREY AND H. T. CURREY, HER HUSBAND; BERTHA COFFINDAFFER, WIDOW; C. Z. COFFINDAFFER AND PAULINE E. COFFINDAFFER, HIS WIFE; WINNIE WILLIAMS AND L. T. WILLIAMS, HER HUSBAND; J.G. TIMBERLAKE, TRUSTER OFFICER, THE UNION NATIONAL BANK OF CLARKSBURG, GUARDIAN FOR JAMES R. RODGERS, A MINER; MARY LEE GIBSON AND CRAMER m. GIBSON, HER HUSBAND; TAYLOR COFFINDAFFER AND VIRGINIA B. COFFINDAFFER, HIS WIFE; MARY H. COFFINDAFFER, WIDOW; AND E. WAYNE COFFINDAFFER AND LAURA R. COFFINDAFFER, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	HARRISON 743 LEWIS 229	273 439
								HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	HARRISON 903 LEWIS 294	179 89
CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	HARRISON 1136 LEWIS 425					250 127				
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	HARRISON 1522 LEWIS 672					33 154				
DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	POWER OF ATTORNEY	1524					499				
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	HARRISON 1543 LEWIS 684					1235 57				
DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY	PARTIAL ASSIGNMENT (32%)	1576					125				
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584					942				
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600					660				
DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	N/A					N/A				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	HARRISON 1601 LEWIS 723					581 499				
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	RATIFICATION AND CLARIFICATION OF PRIOR CONVEYANCES	HARRISON 1616 LEWIS 723					962 527				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	HARRISON 1621 LEWIS 734					962 558				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736					220				
15	FK097992	03-006B-0001-0000	Q10033200					E. MAXINE MOFFETT, A MARRIED WOMAN; E. MAXINE MOFFETT, AS ATTORNEY-IN-FACT FOR CARRIE H. STALNAKER; MARIE HUGHES, WIDOW; KATHRYN HUGHES, SINGLE; GUY BROWN AND OCIE BROWN, HIS WIFE; AND, LORA L. PYLES AND HENRY T. PYLES, HER HUSBAND	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	346	734
								CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
								CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG DEVELOPMENT COMPANY	ASSIGNMENT	432	633
								CNG DEVELOPMENT COMPANY	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	453	696
				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.	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	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION 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
				ROBERT T. PAUGH AND THEODOSIA F. PAUGH, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	740	31
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
				DOMINON TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
				BETTY A. COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1499	125
				THOMAS A. TRICOT	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1499	344
				WADE H. COFFINDAFFER III	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1502	174
				CONNIE SUE FERRELL	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1502	184
				DEBRA COFFINDAFFER STANSBURY OYLER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1503	142
				SANDRA JO HARDWAY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	338
				JACKIE LYN GEAR	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	348
				MARK JEFFREY COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1503	730
				DIANA C. ESTEVE	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	292
				JANE ANN BARTON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	343
				TRICOT FAMILY REVOCABLE LIVING TRUST	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1601	1023
				TIMOTHY SANGER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1685	860
				ANTERO RESOURCES APPALACHIAN CORPORATION	ANTERO RESOURCES CORPORATION	MERGER/NAME CHANGE	2	914
				STEPHEN SANGER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1685	810
				MICHELE SANGER	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	113
				STEVE SHAHEEN	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	118
				CHRISTOPHER SHAHEEN	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1687	587
				ANTERO RESOURCES APPALACHIAN CORPORATION	ANTERO RESOURCES CORPORATION	MERGER/NAME CHANGE	2	914
				ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1708	863
				Amanda Jade Welch	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1709	1316
				Sally Elizabeth Welch (Talbot)	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1709	1318
				Jeffrey Allen Welch, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1709	1314
				The Morris Foundation, Inc.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1710	931
				Donna Lee Heater	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1712	497
				Victoria Angela Wise	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1709	1328
				Elizabeth Adalisa Coyle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1709	1330
				Maria A. Ater	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1709	1332
				Judith Lynne Tarkett	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1716	852

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20-0442-0034- 0001

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p/o 20-0422-0034-0001

33	Various	20-0422-0033-0000	Various	James Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1710	923				
				Myrna Mae Miller	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1712	427				
				Brian Stalnaker	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1707	420				
				Craig M. Steele	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1708	708				
				Jarvis Family LLC (Brian M. Jarvis; managing member)	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1712	1024				
				Maud Lee (M. L.) Jarvis Quinn	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1708	702				
				H3 LLC (Barbara E. Hoeft; manager)	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1710	311				
				Marvin G. Wixson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1707	412				
				Linda L. Kaunike	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1710	337				
				Karen Ince (FKA Wright)	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1710	292				
				Jon K. Taylor	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1710	331				
				Waco Oil & Gas Co.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	766	426				
				Michael Ross	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	768	374				
				Mike Ross, Inc.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	768	377				
				Darrell Richards, DBA Richards Resources	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1718	1186				
				David Bowyer, DBA Richards Resources	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1718	1160				
				Dale Fry	HG ENERGY II APPALACHIA, LLC		1718	1188				
				<p style="text-align: center;">RECEIVED Office of Oil and Gas SEP 7 2021 WV Department of Environmental Protection</p>				ROBERT W. COFFINDAFFER AND NEVA S. COFFINDAFFER, HIS WIFE; BILLY L. COFFINDAFFER AND NORMA L. COFFINDAFFER, HIS WIFE; S. W. COFFINDAFFER AND FRANCIS COFFINDAFFER, HIS WIFE; VIRGINIA CARDER AND ERNEST E. CARDER, HER HUSBAND; VIRGINIA COFFINDAFFER, WIDOW; AVA CLEMANS GILL, WIDOW; AND LOUIS H. BARNES AND NADINE L. BARNES, HIS WIFE	JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	NOT LESS THAN 1/8	1106	792
								EVAN HUGHUS AND BARBARA K. HUGHUS, HIS WIFE; MARY CLEMANS AND ARNETT CLEMANS, HER HUSBAND; AND EMMA M. GOLDCHIEN AND ARTHUR GOLDCHIEN, HER HUSBAND	JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	NOT LESS THAN 1/8	1106	804
								J. BROOKE COFFINDAFFER, WIDOW; JOHN P. COFFINDAFFER AND BARBARA J. COFFINDAFFER, HIS WIFE; TRANNIS L. MASON, WIDOW; RUBY C. IRVINE, WIDOW	JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	NOT LESS THAN 1/8	1106	843
ABRAHAM F. COFFINDAFFER AND MARGARET J. COFFINDAFFER, HIS WIFE; GERALDINE C. DICKENSON AND PAUL H. DICKENSON, HER HUSBAND; JOSEPHINE C. TRICOT AND EUDORE A. TRICOT, HER HUSBAND; CORBLEY W. COFFINDAFFER AND ELEANORE W. COFFINDAFFER, HIS WIFE; PAULINE C. IAMS AND MALCOLM P. IAMS, HER HUSBAND; WILLIAM B. CURREY AND VIRGINIA R. CURREY, HIS WIFE; HAZEL LYNCH COFFINDAFFER, WIDOW; MARY LEE GIBSON, WIDOW; TAYLOR COFFINDAFFER AND VIRGINIA B. COFFINDAFFER, HIS WIFE; ROBERT L. COFFINDAFFER AND AGNES J. COFFINDAFFER, HIS WIFE; BERTHA COFFINDAFFER, WIDOW; F. FRANCIS WILLIAMS AND LUETTA M. WILLIAMS, HIS WIFE; ASHBY LEE COFFINDAFFER AND ROSE S. COFFINDAFFER, HIS WIFE; WADE H. COFFINDAFFER, JR. AND WANDA B. COFFINDAFFER, HIS WIFE; EUGENE REX CURREY, SINGLE; C. BASIL COFFINDAFFER, SINGLE; WILLIAM E. COFFINDAFFER AND BETTY A. COFFINDAFFER, HIS WIFE; AND CHARLES EMORY AND INA C. JACKSON, HIS WIFE; ALBERTA WILLIAMS, SINGLE	JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	NOT LESS THAN 1/8	1106					855				
JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	C & P OIL & GAS COMPANY	ASSIGNMENT (LEASE A)	1107					76				
JOHN R. MORRIS AND JEAN D. MORRIS, HIS WIFE; ROBERT H. MORRIS AND LOIS T. MORRIS, HIS WIFE; WILLIAM Y. MORRIS AND VIRGINIA MORRIS, HIS WIFE; AND RUTH E. WATSON, WIDOW	JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	NOT LESS THAN 1/8	1113					1063				
JACKSON L. SMITH, DBA WEST VIRGINIA ENERGIES	C & P OIL & GAS COMPANY	ASSIGNMENT (LEASES B - E)	1116					705				
C & P OIL & GAS COMPANY (PETE PERRI AND GUY E. MORRIS, JR)	ROBERT L. MATTHEY JR.	ASSIGNMENT	1332					1019				

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ROBERT L. MATTHEY JR	ROBERT L. MATTHEY SR.	ASSIGNMENT	1336	175
ROBERT L. MATTHEY JR	PAMELA PEET	ASSIGNMENT	1336	172
ROBERT L. MATTHEY SR AND ROBERT L. MATTHEY JR.	HMS RESOURCES INC	ASSIGNMENT	1351	1228
HMS REOURCES INC	BEEBOB ENERGY LLC	ASSIGNMENT	1386	824
DAVID MICHAEL BENNETT	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	49
RICHARD CHARLES BENNETT	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	54
WENDY MARLENE BENNETT DENNY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1501	59
DOROTHY M. BROADWATER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1501	228
JOHN R. MCCORMICK	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1501	233
JOANNE BROADWATER PENNY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1501	238
ROBERT L. COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1502	967
BARBARA KEIM HUGUS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1502	972
MARK JEFFREY COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1503	735
DIANE C. ESTEVE, AKA DIANA MARLENE ESTEVE	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1503	1163
RUSSELL L. CURREY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1507	1097
WILLIAM J. SHELDON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1509	599
CONNIE SUE COFFINDAFFER FERRELL	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	1040
WANDA B. COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1504	1050
THOMAS A. TRICOT	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1505	221
DEBRA KAY STANSBURY OYLER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1505	236
WADE H. COFFINDAFFER III	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1505	241
JACKIE LYN GEAR	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1505	627
SANDRA JO HARDWAY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1505	1113
JANE ANN BARTON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1505	1217
MISHA LEA MCDONIE	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1506	196
ANITA S. DOUGLAS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1506	592
WILLIAM MICHAEL MCDONALD	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1507	53
JAMES IVAN MCDONALD	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1507	58
JAMES D. COFFINDAFFER, A WIDOWER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1507	1087
RALPH BRYAN CURREY II	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1507	1092
BETTY ANN COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1508	332
JAMES B. HALCUMS AND PAMELLA J. COURTNEY, H/W	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1509	667
CARNEY B JACKSON REVOCABLE TRUST	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1509	682
CHARLES RUSSELL JACKSON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1509	1012
ROBERT E. HALCUMS, A SINGLE MAN	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1509	1017
PAUL H. DICKENSON JR. AND JUDITH G. DICKENSON H/W	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1510	125
BETTY J. FRIDLEY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1510	130
THOMAS R. MCCONNELL	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1510	492
KIMBERLY JO GRIFFITH	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1510	614
FRED KEITH COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1510	619
A. MORRIS CLEMANS UW [UNDER WILL] TRUST	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1511	968
SIDNEY BOGGESS JACKSON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1511	973
	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8		
ANITA MARIE DAVIS AND KENNETH DAVIS H/W			1511	978
TILLMAN LEE WILLIAMS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1511	983
FRANCIS WINFIELD HUGHES	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1511	988

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20-0422-0017-0000
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p/o 20-0422-0010-0000

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MARK ALLEN WILLIAMS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1511	993
JANET ARTHUR HUFFMAN	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1511	1264
JACKSON LODGE NO. 35, A.F. & A. M. CEMETERY	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	308
RITA JANE DAVIS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	889
JOHN RODNEY COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	909
DEIDRE L. MASON BROWN	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	914
VIRGINIA A. COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	919
LINDA L. SPINELLI	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	924
BILLY L. COFFINDAFFER AND NORMA L. COFFINDAFFER, HUSBAND AND WIFE	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1512	1169
JOSEPH H. MASON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	72
PATRICIA LEE STEFANONI	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	550
PATRICIA ANN PRONCHIK	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	566
BARBARA ANN DAWSON	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	571
BEVERLY JO COFFINDAFFER A WIDOW	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	663
SHELLY LEGASPI	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	668
JAMES RUSSELL RODGERS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	673
LESTER R. SHIELDS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	677
MARY JO SHORT	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	865
LOU ANN BAKER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	870
KAREN JO OGRODNIK	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	962
LINDA LOU BURCH	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	1233
SHIRLEY J. ALKIRE, A WIDOW	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	1238
ERNEST E. CARDER JR. AND CAROL EILEEN CARDER H/W	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1513	1246
VIRGINIA COFFINDAFFER	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1514	72
FRANCIS LAGATTA	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1514	76
CHRIST CHURCH UNITED METHODIST	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1514	433
SHERYL LYNN SMITH KOONS	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1514	971
JAMES FERRIL MORRIS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1514	989
SUSAN J. SMITH	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1514	994
SANDRA E. MORRIS, WIDOW OF JOHN KENT MORRIS	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1515	35
JOSEPH WILLIAM COFFINDAFFER, SINGLE	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1515	252
CARL R. LINGERFELT	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	257
TERRI J. JONES	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	270
JOHN C. IRVINE AND JO C. IRVINE, HUSBAND AND WIFE	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	275
JIMMIE JO SMITH AND JIMMMY LEE SMITH W/H	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1515	744
DIANA JEAN SMITH RAHM	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	749
GARNETT LEE COFFINDAFFER & MARY R. COFFINDAFFER H/W	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1515	1127

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LINDA M. SLAGLE	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	1132
JULIE A. YOUNG, FKA JULIE A. CARDER AND RICHARD L. YOUNG, HER HUSBAND	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	1137
PATRICIA SANDOVAL AND ALBERTO SANDOVAL HER HUSBAND	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1515	1146
SUZANNE BOWLES AND MARFORD B. BOWLES W/H	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1516	204
ROBERT L. CARDER AND DEBRA K. CARDER H/W	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1516	209
PHILLIP ROGER SLAGLE JR	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1516	218
JOHN ALLEN COFFINDAFFER, MARRIED	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1516	228
BRUCE I. MACNEILL	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1516	507
MARY BIRD FERGUSON TR UAD 3-21-2005 AS AMENDED AND RESTATED	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1516	516
MICHAEL K. JONES	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1516	706
LUCILLE R. TAYLOR	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1516	721
JEWELL S. COFFINDAFFER AND MARY E. COFFINDAFFER H/W	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1516	1215
ARTHUR HUBACHER	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1517	1111
MARY MCKOWN	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1517	1123
MARY E. FELTIS, A WIDOW	ANTERO RESOURCES APPALACHIAN CORPORATION	NOT LESS THAN 1/8	1518	129
GARY L. HYRE	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1518	139
CHARLES EDWIN MORRIS	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1518	565
UNIVERSITY OF CHARLESTON INC, FKA MORRIS HARVEY COLLEGE FOR MORRIS HARVEY COLLEGE SCHOLARSHIP FUND	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1521	766
MARYJO ROBIN MORRIS MARSH	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1522	970
ROBERT W. MORRIS	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1522	972
WILLIAM H. MORRIS	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1522	974
PAMELA PEET	ANTERO RESOURCES CORPORATION	PARTIAL ASSIGNMENT	1524	568
HMS REOURCES INC	ANTERO RESOURCES CORPORATION	PARTIAL ASSIGNMENT	1524	575
BEEBOB ENERGY LLC	ANTERO RESOURCES CORPORATION	PARTIAL ASSIGNMENT	1524	561
GLEN E. KOST	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1524	785
TRICOT FAMILY REVOCABLE LIVING TRUST DATED OCTOBER 8, 2003	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	1576	170
ANTERO RESOURCES APPALACHIAN CORPORATION	ANTERO RESOURCES CORPORATION	MERGER/NAME CHANGE	2	914
ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1708	863
EDWARD J. RIGHTMIRE AND AGNES RIGHTMIRE, HIS WIFE	FRED S. RICH	NOT LESS THAN 1/8	112	476
FRED S. RICH AND M. B. RICH, HIS WIFE	GEORGE H. CORNWALL AND JOHN M. REED	ASSIGNMENT	132	385
FRED S. RICH AND M.B. RICH, HIS WIFE; GEORGE H. CORNWALL AND MARY D. CORNWALL, HIS WIFE; J.M. REED AND ELLA REED, HIS WIFE; (SAID RICH, CORNWALL AND REED BEING PARTNERS AS FRED S. RICH & CO.), AND W.I. GOBLE AND L.M. GOBLE, HIS WIFE	CRUDE OIL COMPANY	ASSIGNMENT	160	101
CRUDE OIL COMPANY, A WEST VIRGINIA COMPANY	CRUDE OIL COMPANY, AN OHIO CORPORATION	ASSIGNMENT	308	142
CRUDE OIL COMPANY	FEDERAL OIL AND GAS COMPANY	ASSIGNMENT	323	163
FRANCIS H. BEAM, SPECIAL MASTER	A. E. MACKINTOSH	ASSIGNMENT	442	52
A. E. MACKINTOSH AND LETITIA MACKINTOSH, HIS WIFE	SEPTER W. DOUGLAS	ASSIGNMENT	467	567
ELIZABETH H. DOUGLAS, A WIDOW, EXECUTRIX OF THE LAST WILL AND TESTATMENT OF SEPTER W. DOUGLAS, DECEASED	ALFRED D. BARNES	ASSIGNMENT	556	559
ALFRED D. BARNES AND MARAN K. BARNES, HIS WIFE; AND THE OIL CITY TRUST COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	570	518
HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
DOMINION EXPLORATION & DEVELOPMENT INC., DOMINION TRANSMISSION INC., AND DOMINION APPALACHIAN DEVELOPMENT LLC	ANTERO RESOURCES APPALACHIAN CORPORATION	ASSIGNMENT	1423	1068
ANTERO RESOURCES APPALACHIAN CORPORATION	ANTERO RESOURCES CORPORATION	MERGER/NAME CHANGE	2	914
ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1708	863

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20-0422-0015-0002
20-0422-0015-0003
20-0422-0031-0000

36	20-0422-0004-0000 20-0422-0014-0000	EUGENE REX CURREY, DIVORCED; WILLIAM B. CURREY AND VIRGINIA CURREY, HIS WIFE; EMILOU LAGATTA AND FRANCIS J. LAGOTTA, HER HUSBAND	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	1099	192
		CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
		QUITA HUTTON AND LUTHER HUTTON, HER HUSBAND	CLARENCE W. MUTSCHELKNAUS	NOT LESS THAN 1/8	1138	758
		CLARENCE P. MCKINLEY AND EUNICE H. MCKINLEY, HIS WIFE	CLARENCE W. MUTSCHELKNAUS	NOT LESS THAN 1/8	1138	770
		JOANN NAISER AND HOWARD NAISER, HER HUSBAND	CLARENCE W. MUTSCHELKNAUS	NOT LESS THAN 1/8	1138	772
		CHARLES G. QUEEN, WIDOWER; OTHA M. HURLEY, WIDOW; AND PAUL B. MCKINLEY AND GENEVIEVE MCKINLEY	CNG DEVELOPMENT COMPANY	NOT LESS THAN 1/8	1147	871
		OPAL M OELZE, WIDOW	CNG DEVELOPMENT COMPANY	NOT LESS THAN 1/8	1147	875
		EVA Q. PRIMM AND JOHN F. PRIMM, HER HUSBAND; EXCEL C. QUEEN AND BETTY W. QUEEN, HIS WIFE	CNG DEVELOPMENT COMPANY	NOT LESS THAN 1/8	1147	879
		CLARENCE W. MUTSCHELKNAUS	CRUDE OIL & GAS CO.	ASSIGNMENT	1148	226
		CRUDE OIL & GAS CO.	CNG DEVELOPMENT COMPANY	ASSIGNMENT	1149	610
		CNG DEVELOPMENT COMPANY	CNG PRODUCING COMPANY	MERGER/NAME CHANGE	WVSOS	
		CNG PRODUCING COMPANY	DOMINION EXPLORATION & TRANSMISSION	MERGER/NAME CHANGE	58	366
		DOMINION EXPLORATION & DEVELOPMENT INC., DOMINION TRANSMISSION INC., AND DOMINION APPALACHIAN DEVELOPMENT LLC	ANTERO RESOURCES APPALACHIAN CORPORATION	PARTIAL ASSIGNMENT (DEPTH)	1423	1068
		DOMINION EXPLORATION & PRODUCTION INC	CONSOL GAS COMPANY	MERGER/NAME CHANGE	59	972
		CONSOL GAS COMPANY	CNX GAS COMPANY LLC	MERGER/NAME CHANGE	1472	294
		CNX GAS COMPANY LLC	ANTERO RESOURCES APPALACHIAN CORPORATION	JOINT USE AGREEMENT	1480	731
		ANTERO RESOURCES APPALACHIAN CORPORATION	ANTERO RESOURCES CORPORATION	MERGER/NAME CHANGE	2	914
		ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1708	863

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

September 2, 2021

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

OK #
028160
\$2,500

RE: Evans 1213 N-4H Request for Permit Revision – (47-041-05720)
Freemans Creek District, Lewis County, West Virginia
Request for Modification Due to Acquiring Additional Leases

Dear Ms. Kees -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, and WW6A-1) for the requested 1213 N-4H well work permit revision. Also included is a check to cover the cost of requesting a modification for an existing permit. We ask the permit be modified to reflect additional leases acquired to length the lateral.

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

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Sam Ward – DEP State Inspector

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Office of Oil and Gas

SEP 7 2021

WV Department of
Environmental Protection

09/10/2021



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

Modification Non-Expedited H6A Horizontal Well Work Permit API: 47-041-05720

1 message

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

Thu, Sep 9, 2021 at 8:09 AM

To: Diane White <dwhite@hgenergyllc.com>, "Ward, Samuel D" <samuel.d.ward@wv.gov>, John Breen <jbreen@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) number: **47-041-05720**. This will serve as your copy.

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **47-041-05720 - mod.pdf**
2268K

 **IR-26 Blank.pdf**
152K

09/10/2021