



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-3H
47-041-05719-00-00

Extend Lateral due to Acquiring Additional Leases

HG ENERGY II APPALACHIA, LLC

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

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

James A. Martin
Chief

Operator's Well Number: EVANS 1213 N-3H
Farm Name: JAMES M. & SUZANNE L. EVANS
U.S. WELL NUMBER: 47-041-05719-00-00
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, L

<u>494519932</u>	<u>Lewis</u> ✓	<u>Freemans</u>	<u>Camden 7.5'</u>
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Operator ID County District Quadrangle
- 2) Operator's Well Number: Evans 1213 N-3H ✓ Well Pad Name: Evans 1213
- 3) Farm Name/Surface Owner: James & Suzanna 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: 24,309' ✓
- 11) Proposed Horizontal Leg Length: 16,536' ✓
- 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', 650', 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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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	24309'	24309' /	20% Excess Tail CTS
Tubing							
Liners							

*SDW
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 = 1.22, CTS
Intermediate 1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Least 40% excess, Tail 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	5750		Type 1/Class A	Least 40% excess, Tail 1% Excess
Production	5 1/2"	8 1/2"	.415	16240 /	12500	Type 1/Class A	20% excess yield = 1.13 tail yield 1.22
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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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 16,536' lateral length, 24,309' 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 - centralize 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 - 15.9 ppg PNE-1 + 3% bwoc CaCl, 40% Excess Yield = 1.20, CTS
Intermediate 1 - 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
Intermediate 2 - 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
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=1.04, 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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1213 N-3H
Marcellus Shale Horizontal
Lewis County, WV

WV Department of
Environmental Protection

1213 N-3H SHL

14205092.26N 1778006.99E

Ground Elevation

1227.6'

1213 N-3H LP

14206207.27N 1779840.19E

Azm

340.539°

1213 N-3H BHL

14221793.04N 1774332.76E

WELLBORE DIAGRAM

HOLE

CASING

GEOLOGY

TOP

BASE

MUD

CEMENT

CENTRALIZERS

CONDITIONING

COMMENTS

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
	26"	20" 94# J-55	Fresh Water	0	214,600,861	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" 68# 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 / Gantz (Storage)	1594 / 1866	1692 / 1926					
			Intermediate 1	0	2100 ✓					
	12.25"	9-5/8" 40# N-80 BTC	Fifty / Thirty Foot	1978 / 2075	1998 / 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 Stray / Gordon	2120 / 2156	2154 / 2232					
			5th Sand	2369	2409					
			Bayard / Warren	2449 / 2771	2479 / 2796					
			Speechley	3076	3096					
			Balltown	3286	3346					
			Benson	4386	4411					
Intermediate 2	0	TVD: 4600 MD: 5200 Inc. 45 deg.								
8.75"	5-1/2" 23# P-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	11.5ppg-12.5ppg SOBM						
Middlesex		6379	6411							
West River		6411	6482							
Burkett		6482	6492							
Tully Limestone		6492	6600							
Hamilton		6600	6753							
Marcellus		6709	6791							
TMD / TVD (Production)		24309	6760 ✓		11.5ppg-12.5ppg SOBM					
Onondaga		6791								

LP @ 6760' TVD / 7773' MD

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

+/-16536' ft Lateral ✓

TD @ +/-6760' TVD
+/-24309' MD ✓

X=centralizers

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WV Department of
Environmental Protection
SEP 7 2021

4709105719

HG Energy II Appalachia, LLC
Well No. Evans 1213 N-3H MOD

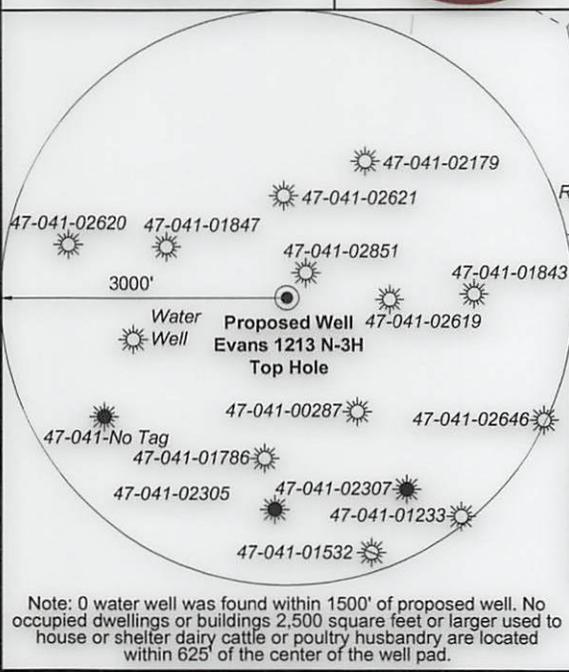
Page 1 of 2

Tag	Bearing	Dist.	Description
L1	N 88°34' W	1,059.6'	#47-041-02619
L2	S 67°50' E	1,377.2'	#47-041-01847
L3	S 29°36' E	504.0'	Gate Post
L4	S 11°40' E	2,468.1'	5/8" Rebar w/cap
L5	N 58°41' E	2,145.7'	Landing point



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



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.

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 N-3H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

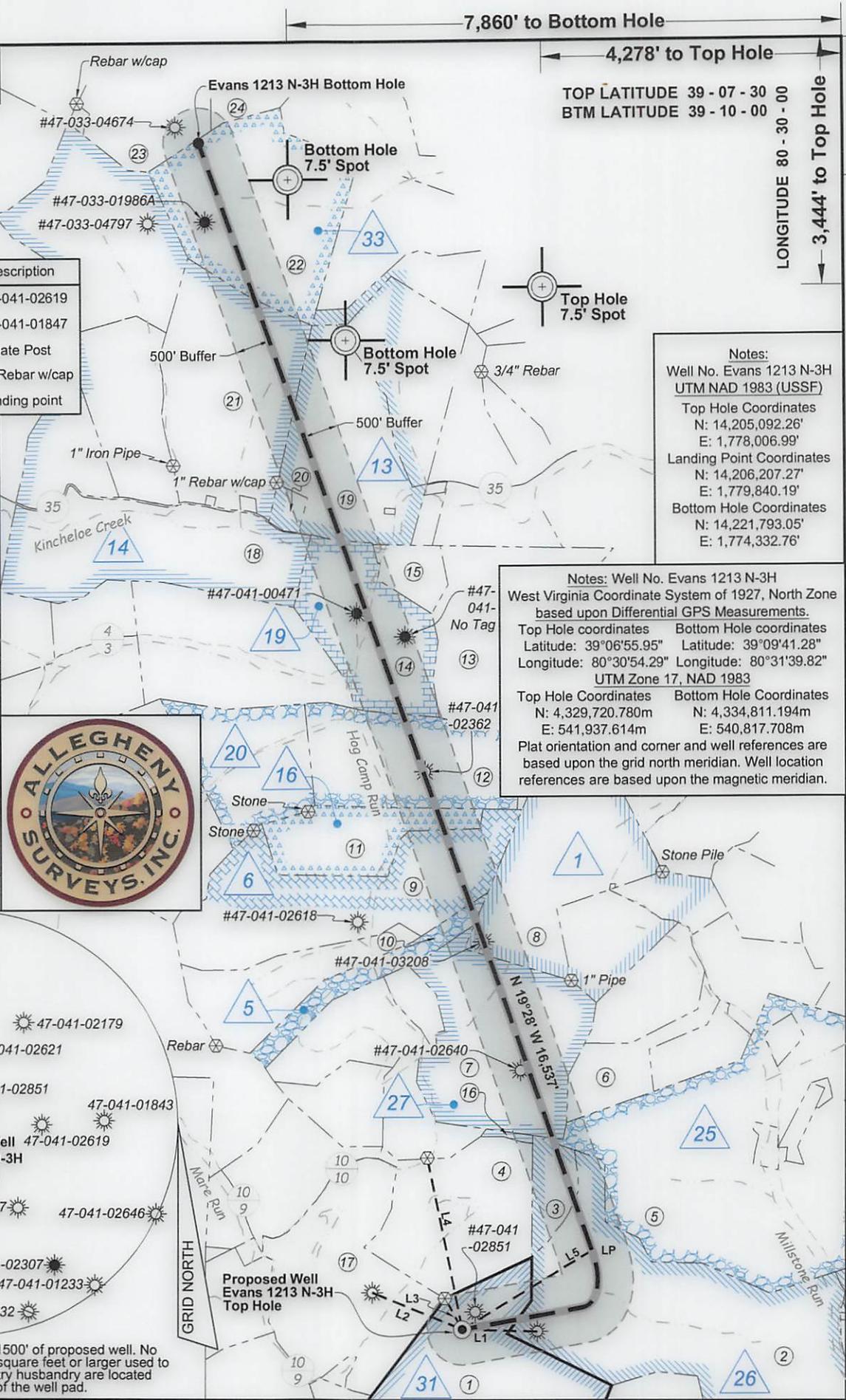
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: June 9 2021
OPERATOR'S WELL NO. Evans 1213 N-3H
API WELL NO. MOD-2
47 - 041 - 05719
STATE COUNTY PERMIT

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

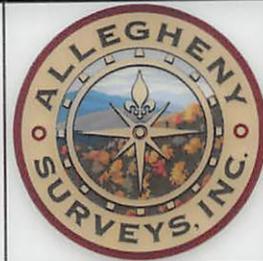
LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: James M. & Suzanne L. Evans
ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: ACREAGE: 294.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE 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 24,310' 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

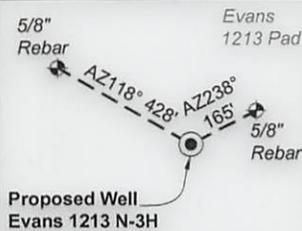


Notes:
Well No. Evans 1213 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,092.26'
E: 1,778,006.99'
Landing Point Coordinates
N: 14,206,207.27'
E: 1,779,840.19'
Bottom Hole Coordinates
N: 14,221,793.05'
E: 1,774,332.76'

Notes: Well No. Evans 1213 N-3H
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°09'41.28"
Longitude: 80°30'54.29" Longitude: 80°31'39.82"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,720.780m N: 4,334,811.194m
E: 541,937.614m E: 540,817.708m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

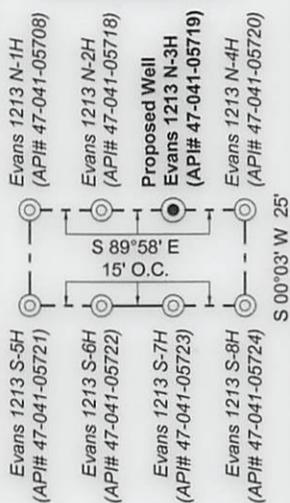


Well Location References
Not to Scale



ID	Lease
1	Carrie Dillin, et al
5	Will E. Morris, et al
6	Clara Queen, et vir, et al
13	Robert T. Paugh, et al
14	Oma G. Hall, et al
16	Flodia B. Smith, et al
19	Robert J. Paugh, et al
20	W.T. Highland, et al
25	Edwin Gaston, et al
26	J.S. Norris
27	Stephen Queen, et al
31	Mary C. Burnside, et al
33	Amanda Jade Welch, et al

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.)

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 / 2	Phillip E. Burnside, et al	666 / 38	17.00
4	6C / 3	Phillip E. Burnside, et al	666 / 38	87.20
5	6C / 22	Mann Family Trust	617 / 608	265.19
6	6B / 11	Edward E. Garrett, et al	429 / 245	30.00
7	6B / 10	Michael Terrel Moss, et al	340 / 693	112.00
8	6B / 18	Berlin Family Irrevocable Trust	743 / 893	100.00
9	6B / 5	James C. Garrett, et al	621 / 578	136.00
10	6B / 6	James C. Garrett, et al	621 / 578	30.00
11	5B / 41	Michael J. Kirwan, III	720 / 812	51.00
12	6B / 4	Edward Earl Garrett, et al	429 / 245	92.50
13	6B / 3	Eric & Kathy Beevers	509 / 197	99.00
14	6B / 2	Edward & Theresa M. Paugh (L/E)	746 / 831	78.25
15	6B / 1	Edward & Theresa M. Paugh (L/E)	746 / 828	17.00
16	5C / 47	James C. Garrett, et al	621 / 578	1.50
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 / 8.3	William Coffindaffer, et ux (LE)	1585 / 819	114.79
19	442 / 9	Edward R. & Theresa M. Paugh	1419 / 648	90.49
20	442 / 9.2	John R. & Jennifer L. Paugh	1365 / 585	5.59
21	442 / 8	Mark J. Coffindaffer, et al	W160 / 415	119.78
22	422 / 33	Mark J. Coffindaffer, et al	W160 / 415	125.70
23	422 / 15.3	Carol Ann Nay, et al	1560 / 362	83.83
24	422 / 15.1	Freda Perkins, et al	1560 / 347	61.48

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: June 9 2021
OPERATOR'S WELL NO. Evans 1213 N-3H
API WELL NO. Mod 2
47 - 041 - 05719
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

Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: Lewis
ACREAGE: 294.00

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,310' MD 6,760' TVD

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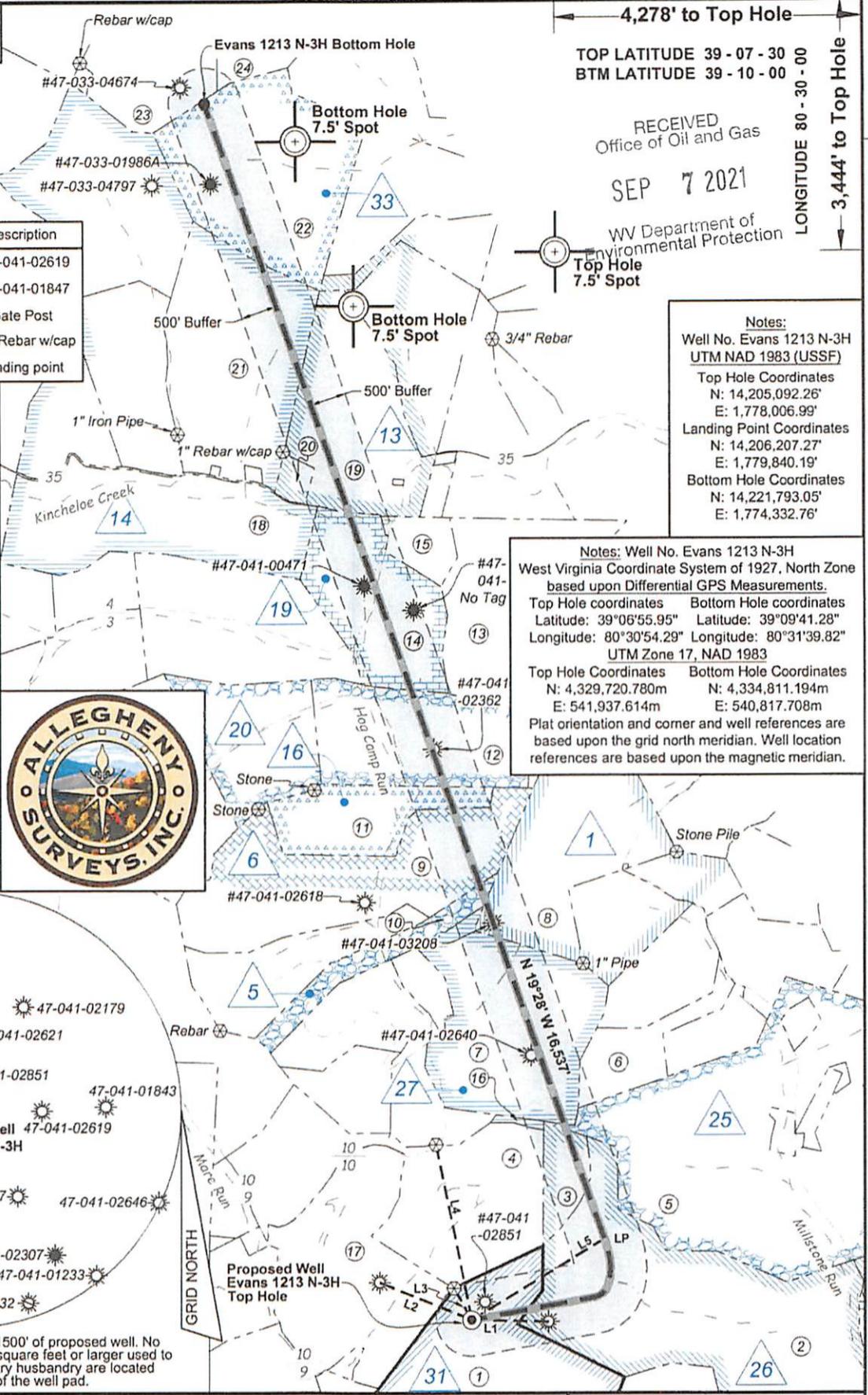
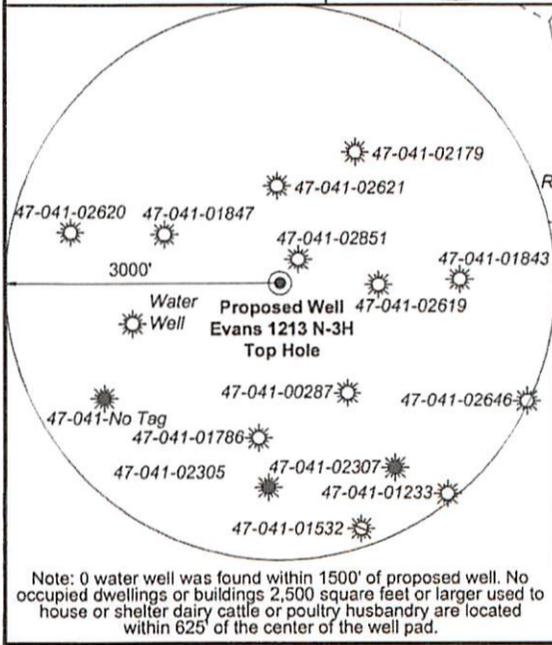
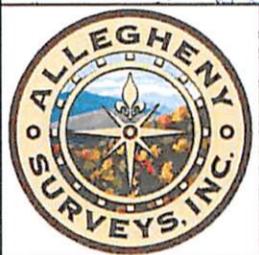
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DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road Parkersburg, WV 26101

7,860' to Bottom Hole

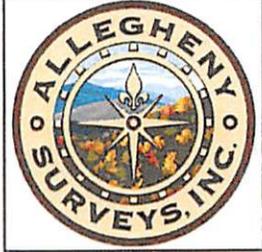
4,278' to Top Hole

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

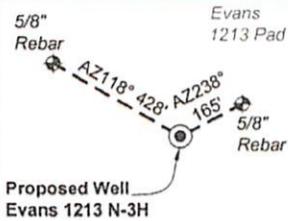
LONGITUDE 80 - 30 - 00
3,444' to Top Hole

1,894' to Bottom Hole

ACREAGE: 294.00
09/10/2021

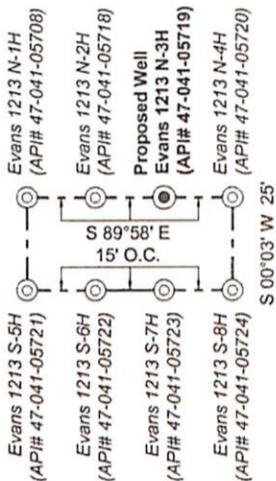


**Well Location References
Not to Scale**



ID	Lease
1	Carrie Dillin, et al
5	Will E. Morris, et al
6	Clara Queen, et vir, et al
13	Robert T. Paugh, et al
14	Oma G. Hall, et al
16	Flodia B. Smith, et al
19	Robert J. Paugh, et al
20	W.T. Highland, et al
25	Edwin Gaston, et al
26	J.S. Norris
27	Stephen Queen, et al
31	Mary C. Burnside, et al
33	Amanda Jade Welch, et al

Wellhead Layout (NTS)



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

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.)

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 / 2	Phillip E. Burnside, et al	666 / 38	17.00
4	6C / 3	Phillip E. Burnside, et al	666 / 38	87.20
5	6C / 22	Mann Family Trust	617 / 608	265.19
6	6B / 11	Edward E. Garrett, et al	429 / 245	30.00
7	6B / 10	Michael Terrel Moss, et al	340 / 693	112.00
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13	6B / 3	Eric & Kathy Beevers	509 / 197	99.00
14	6B / 2	Edward & Theresa M. Paugh (L/E)	746 / 831	78.25
15	6B / 1	Edward & Theresa M. Paugh (L/E)	746 / 828	17.00
16	5C / 47	James C. Garrett, et al	621 / 578	1.50
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.
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19	442 / 9	Edward R. & Theresa M. Paugh	1419 / 648	90.49
20	442 / 9.2	John R. & Jennifer L. Paugh	1365 / 585	5.59
21	442 / 8	Mark J. Coffindaffer, et al	W160 / 415	119.78
22	422 / 33	Mark J. Coffindaffer, et al	W160 / 415	125.70
23	422 / 15.3	Carol Ann Nay, et al	1560 / 362	83.83
24	422 / 15.1	Freda Perkins, et al	1560 / 347	61.48

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 N-3H 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-3H
API WELL NO
47 - 041 - 05719
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

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 24,310' 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

Btm: Big Isaac

QUADRANGLE: Top: Camden

COUNTY: Lewis

ACREAGE: 294.00

09/10/2021

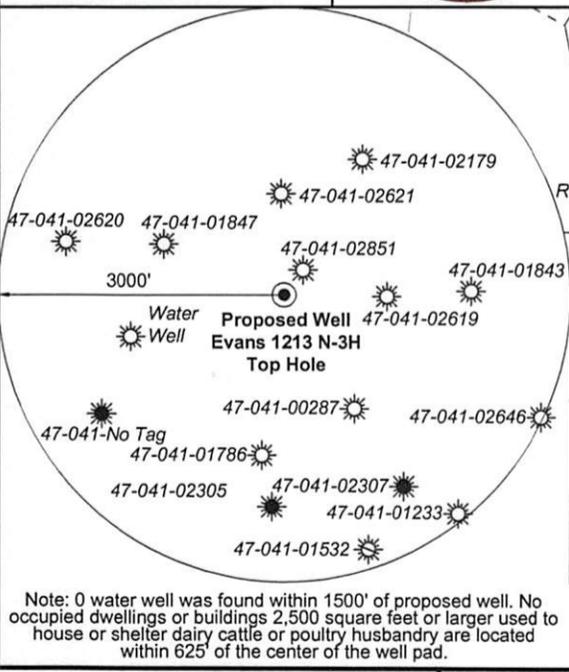
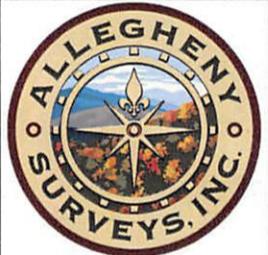
HG Energy II Appalachia, LLC
Well No. Evans 1213 N-3H MOD
Page 1 of 2

Tag	Bearing	Dist.	Description
L1	N 88°34' W	1,059.6'	#47-041-02619
L2	S 67°50' E	1,377.2'	#47-041-01847
L3	S 29°36' E	504.0'	Gate Post
L4	S 11°40' E	2,468.1'	5/8" Rebar w/cap
L5	N 58°41' E	2,145.7'	Landing point



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
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STATE OF WEST VIRGINIA
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OIL AND GAS DIVISION

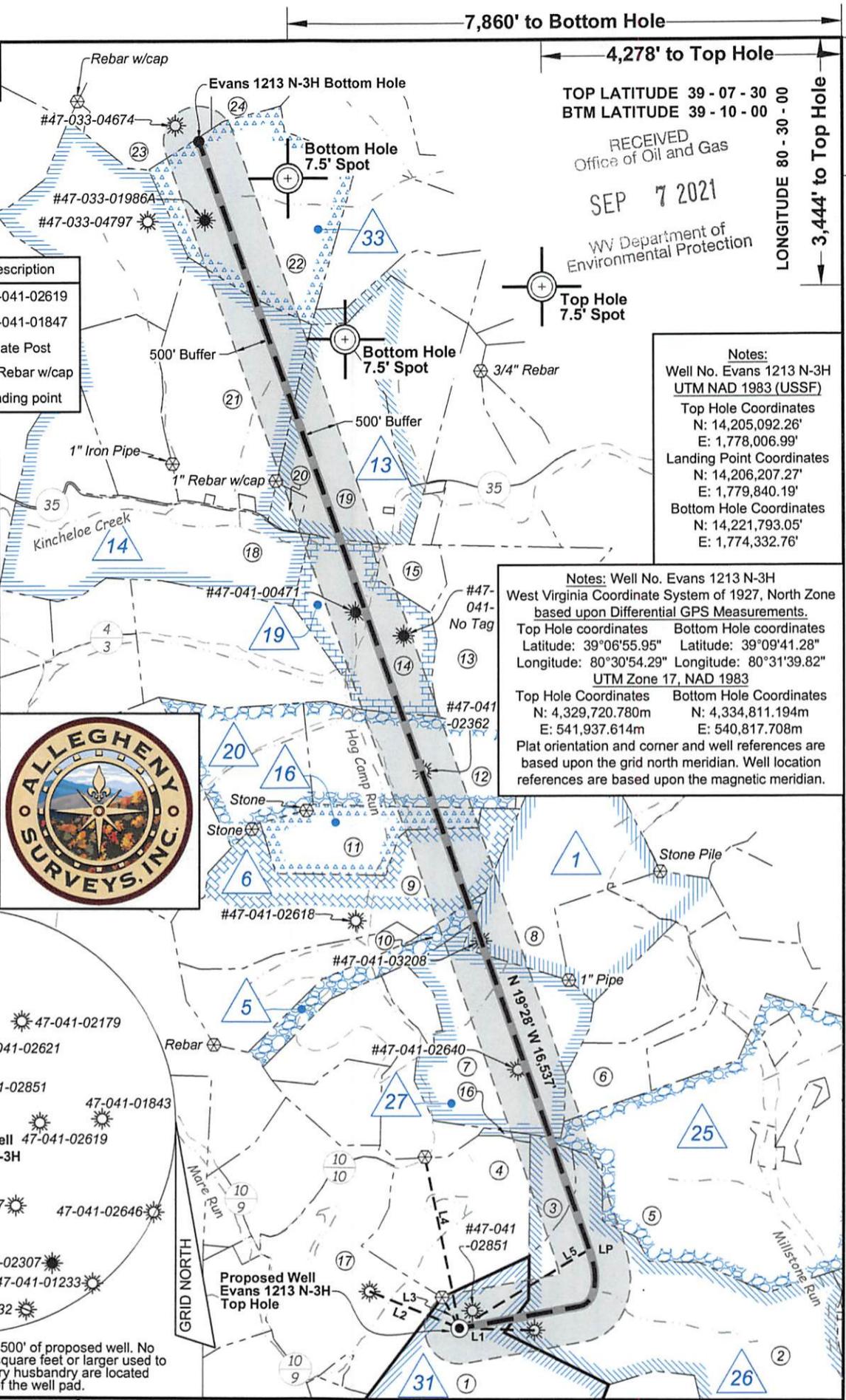
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SURFACE OWNER: James M. & Suzanne L. Evans
ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: ACREAGE: 294.00

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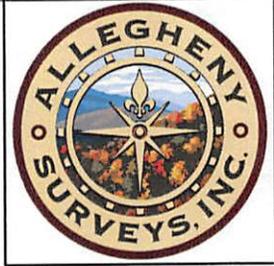
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00
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WV Department of Environmental Protection

Notes:
Well No. Evans 1213 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,092.26'
E: 1,778,006.99'
Landing Point Coordinates
N: 14,206,207.27'
E: 1,779,840.19'
Bottom Hole Coordinates
N: 14,221,793.05'
E: 1,774,332.76'

Notes: Well No. Evans 1213 N-3H
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°09'41.28"
Longitude: 80°30'54.29" Longitude: 80°31'39.82"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,720.780m N: 4,334,811.194m
E: 541,937.614m E: 540,817.708m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

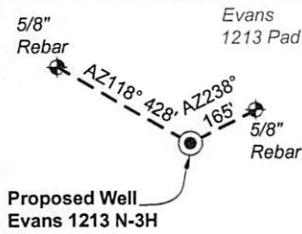


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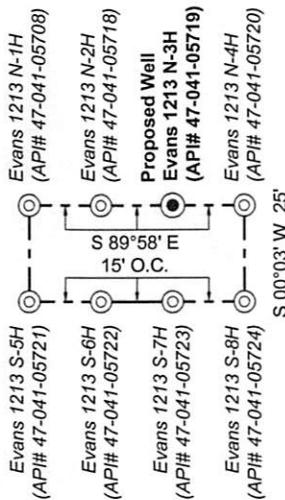
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Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: 09 DATE: 09/16/2021
ACREAGE: 294.00

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

**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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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-3H 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
				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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				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
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				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	HOPE NATURAL GAS COMPANY	ASSIGNMENT	155	202

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25	FK053267	Mapped as 03-006B-0029-0000; 03-006B-0048-0000, 03-006C-0022-0000 Assessed as 03-006C-0022-0000, 03-006C-0022-0001, 03-006C-0058-0000, 03-006C-0061-0000	Q100387000/ FEEHGI0066	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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				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
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27	FK088078 FK053253	03-006B-0010-0000 p/o 03-006C-0003-0000	Q100485000	STEPHEN P. QUEEN AND V. C. QUEEN, HIS WIFE	RESERVE GAS COMPANY	NOT LESS THAN 1/8	68	297
				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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				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	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 TERM 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
				WILL E. MORRIS AND CAMELLA MORRIS, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	209	432
				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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5	FK061784	03-006B-0004-0000 03-005B-0036-0000	Q100356000	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
							736	220
6	FK062406	p/o 03-006B-0005-0000	Q100939000	CLARA E. QUEEN AND G. L. QUEEN, HER HUSBAND; L. EARL GARRETT AND VIRGINIA G. GARRETT, HIS WIFE; JOHN E. GARRETT, SINGLE; JOSEPH R. GARRETT AND RUTH G. GARRETT, HIS WIFE; CHARLES M. GARRETT, JR. AND HILDA W. GARRETT, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	213	275
				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
							736	220
16	FK062946	03-005B-0041-0000	Q100941000	FLODIA B. SMITH AND D. I. SMITH, HER HUSBAND; W. H. OLDAKER AND FREEDA OLDAKER, HIS WIFE; AND, EDITH W. WESTFALL AND CHARLES E. WESTFALL, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	216	317
				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
				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				
							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

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20	FK053261	03-006B-0004-0000 03-005B-0036-0000	Q100487000	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
				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				
19	FK065220	p/o 03-006B-0002-0000	Q100726000	ROBERT J. PAUGH AND ETHEL RUTH PAUGH, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	227	302
				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	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				
13	FK065217	20-0442-0009-0000 20-0442-0009-0001 20-0442-00090002 p/o 20-0442-0010-0000 p/o 20-0442-0034- 0001	Q100724000	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				
				OMA G. HALL, SINGLE; MARIE P. HALL, WIDOW; EVELYN H. TAYLOR, WIDOW; BERTHA H. MILLER AND A.D. MILLER, HER HUSBAND; CHARLES R. HALL, SINGLE; HELEN M. HALL, SINGLE; PAMELA H. SHANKLIN AND WM. M. SHANKLIN, JR., HER HUSBAND; GERTRUDE BEALL AND BLAIR B. BEALL, HER HUSBAND; HELEN MCCOY, SINGLE; AND, ADA B. HALL, WIDOW	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	1032	683

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14	FK097991	20-0442-0007-0000 20-0442-0007-0001 20-0442-0007-0002 20-0442-0008-0000 20-0442-0008-0001 20-0442-0008-0003 20-0422-0032-0000	Q100844000 FEEHG110055	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG DEVELOPMENT COMPANY	ASSIGNMENT	1143	921
				CNG DEVELOPMENT COMPANY	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1169	820
				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
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				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 TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION 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
33	Various	20-0422-0033-0000	1213N T33	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
				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 Stalaker	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	NOT LESS THAN 1/8	1718	1188				

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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#
028159
\$2,500

RE: *Evans*
~~Hester~~ 1213 N-3H Request for Permit Revision – (47-041-05719)
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-3H 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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09/10/2021



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

Modification Non-Expedited H6A Horizontal Well Work Permit (API: 47-041-05719)

1 message

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

Wed, Sep 8, 2021 at 1:19 PM

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, "EVANS 1213 N-3H", API: (47-041-05719). 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

 **47-041-05719 - mod.pdf**
5124K

09/10/2021