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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, April 1, 2024  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC  
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit Modification Approval for WINANS 1216 N-3H  
47-041-05747-00-00

**Lateral Extension**

HG ENERGY II APPALACHIA, LLC

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

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

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin  
Chief

Operator's Well Number: WINANS 1216 N-3H  
Farm Name: STEPHEN B. WINANS  
U.S. WELL NUMBER: 47-041-05747-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 04/01/2024

Promoting a healthy environment.

04/05/2024

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 Freeman Camden 7.5'  
Operator ID County District Quadrangle

2) Operator's Well Number: Winans 1216 N-3H Well Pad Name: Winans 1216

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

4) Elevation, current ground: 1399' Elevation, proposed post-construction: 1394'

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 7127' / 7200' and 73' in thickness. Anticipated pressure at 4314#.

8) Proposed Total Vertical Depth: 7,175'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 32,061'

11) Proposed Horizontal Leg Length: 24,232'

12) Approximate Fresh Water Strata Depths: 214', 600', 861', 1306'

13) Method to Determine Fresh Water Depths: Nearest offset well data, (47-041-01754, 2174, 5732, 4411, 2629)

14) Approximate Saltwater Depths: 1605' (Vanek 1215)

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

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

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

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

WW-6B  
(04/15)

4704105747

API NO. 47- \_\_\_\_\_  
 OPERATOR WELL NO. Winans 1216 N-3H  
 Well Pad Name: Winans 1216

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	1360'	1360' ✓	40% Excess, CTS
Intermediate 1	13 3/8"	NEW	J-55 BTC	68	2480'	2480' ✓	40% Excess, CTS ✓
Intermediate 2	9 5/8"	NEW	N/L-80 BTC	40	5950'	5950' ✓	40% Excess Tail, CTS
Production	5 1/2"	NEW	P-110 HP	23	32061'	32061' ✓	20% Excess Tail, CTS
Tubing							
Liners							

Kenneth Greynolds Digitally signed by Kenneth Greynolds  
 DN: cn = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov c = AD O = WVDEP OU = Oil and Gas  
 Date: 2024.03.13 14:27:16 -0400

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	30"	30"	.500				Drilled In
Fresh Water/Coal	20"	26"	.438	2110	1200	Type 1, Class A ✓	40 % excess yield = 1.20, CTS
Intermediate 1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Lead 40% excess, Tail 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	5750		Type 1/Class A	Lead 40% excess, Tail 0% Excess
Production	5 1/2"	8 1/2"	.415	16240 ✓	12500	Type 1/Class A	20% excess yield = 1.10, tail yield 1.04
Tubing							
Liners							

**PACKERS**

Kind:				RECEIVED Office of Oil and Gas
Sizes:				MAR 18 2024
Depths Set:				WV Department of Environmental Protection

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 7175'. Drill horizontal leg to estimated 24,232' lateral length, 32,061' TMD. Hydraulically fracture, stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The stimulation will be completed with multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. See attached list. Maximum pressure not to exceed 12,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 30.31 acres

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

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.  
Freshwater/Coal - centralized every 3 joints to surface.  
Intermediate 1 - Bow Spring on every joint, will also be running ACP for isolating storage zone  
Intermediate 2 - Bow Spring on first 2 joints then every third joint to 100' from surface.  
Production - Vertical - Run 1 spiral centralizer every 5 joints from the top of the curve to surface, Curve - Run 1 spiral centralizer every 3 joints from the 1st 5.5' long joint to the top of the curve.

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MAR 18 2024

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 CaCl40% ExcessYield=1.20 / CTS"  
Intermediate 1 - "" Storage String "" CTS "" 15.4 ppg Lead - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB Dispersant / D095 1.5 lb per BBL CemNET\* - 60% Excess15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam / DB01 - 0.03 gal / sack Retarder - 0% Excess"  
Intermediate 2 - "Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS"  
Production - "Lead: 14.5 ppg POZ/PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% ExcessLead Yield=1.19Tail Yield=1.94CTS"

WV Department of  
Environmental Protection

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.  
Fresh Water/Coal - Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.  
Intermediate 1 - Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.  
Intermediate 2 - Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.  
Production - Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.

\*Note: Attach additional sheets as needed.

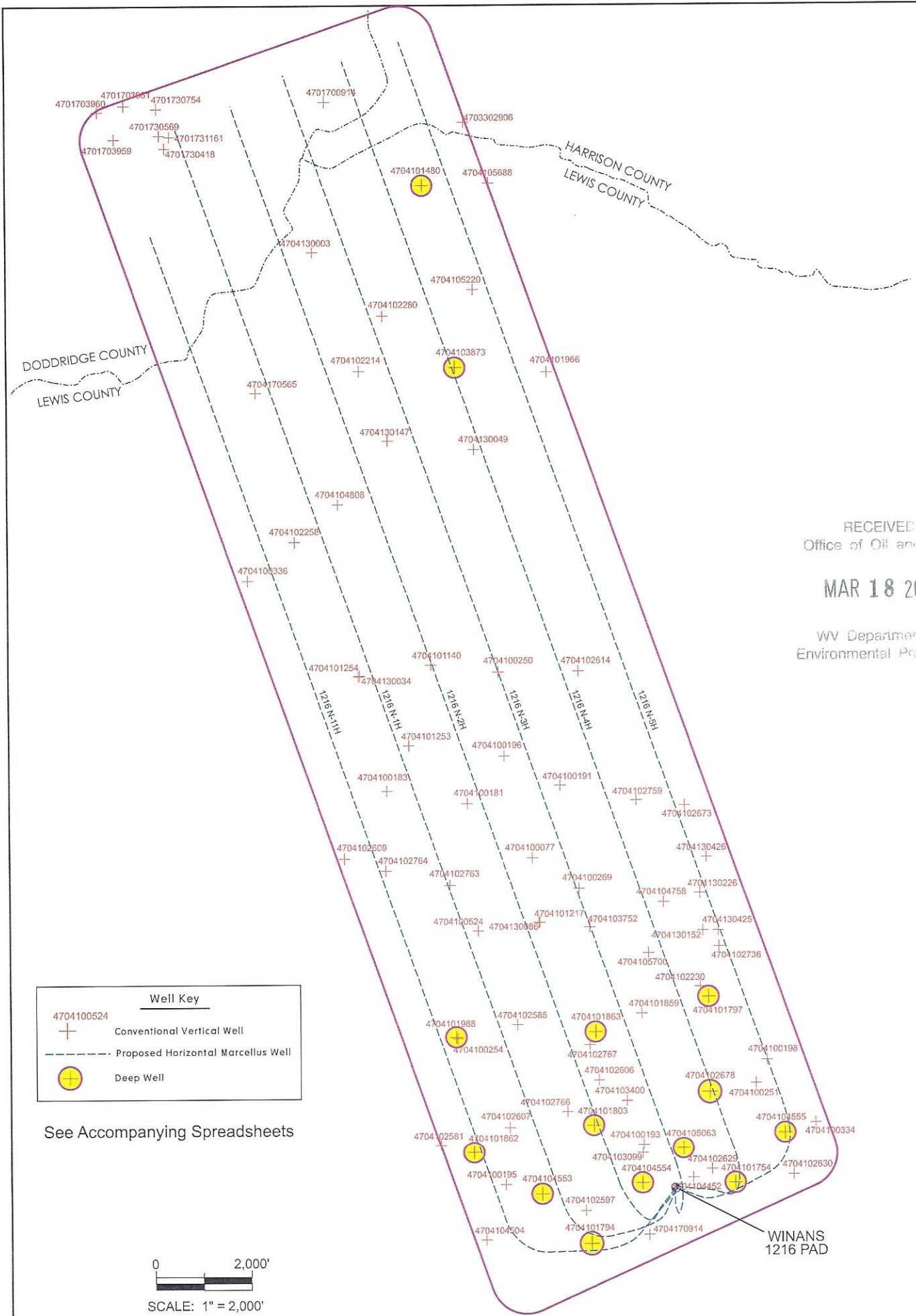


**1216 N-3H**  
**Marcellus Shale Horizontal**  
**Lewis County, WV**

\*\*\* Storage String \*\*\* CTS \*\*\*  
 15.4 ppg Lead - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)  
 B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.45% BWOB  
 Dispersant / D095 1.5 lb per BBL COMINET\* - 60% Excess  
 15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)  
 B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK\* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam /  
 D801 - 0.03 gal / sack Retarder - 0% Excess

Ground Elevation		1394°		1216 N-3H SHL		14202140.01N 1762538.92E			
AzM		340.553°		1216 N-3H LP		14202587.05N 1762571.44E			
WELLBORE DIAGRAM		1216 N-3H BHL		14225427.48N 1754506.97E					
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, 1306	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
17.5"	13-3/8" 68# J-55 BTC	Little Lime Big Lime Injun / Gantz (Storage)	0	1927 1980 2036 / 2314	AIR / KCL - Salt Polymer	See above (LEFT) for Storage String Cement Blend to Meet DDI Requirements for Gas Storage Field Isolation	Bow Spring on every joint <i>*will also be running ACP for Isolating Storage zone*</i>	Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.480" wall thickness Burst=3450 psi
12.25"	9-5/8" 40# N / L-80 BTC	Intermediate 1 Thirty Foot Garden 5th Sand Bayard Speechley Balltown / Benson Alexander / Elk	0	2480 2531 2640 2850 2900 3531 3689 / 4840 5418 / 5647	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
8.75"	5-1/2" 23# P-110 HP TXP / W461	Intermediate 2 Rhinstreet Cashaqua Middlesex West River Burkett Tully Limestone Hamilton Marcellus TMD / TVD (Production) Onondaga	0	TVD: 5900' MD: 5950' Inc: 16 deg.	AIR / 9.0ppg SOBIM	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.	RECEIVED Office of Oil and Gas MAR 18 2024 WV Department of Environmental Protection Production casing = 0.415" wall thickness Burst=16240 psi Note: Actual centralizer schedules may be changed due to hole conditions
8.5" Curve			32060	7175	11.5ppg-12.5ppg SOBIM		Run 1 spiral centralizer every 3 joints from the 1st 5.5" long joint to the top of the curve.		
8.5" Lateral			7200	7200	11.5ppg-12.5ppg SOBIM				

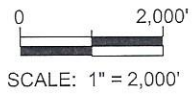
LP @ 7175' TVD / 7829 MD  
 8.5" Hole - Cemented Long String  
 5-1/2" 23# P-110 HP TXP / W461  
 +/24231' ft Lateral  
 TD @ +/7175' TVD  
 +/32060' MD  
 X=Centralizers



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**MAR 18 2024**  
WV Department of  
Environmental Protection

Well Key	
4704100524	+
	Conventional Vertical Well
	- - - - -
	Proposed Horizontal Marcellus Well
	⊕
	Deep Well

See Accompanying Spreadsheets



DATA SOURCES  
WVGES Data Set - 2020; WVDEP Website

Area of Review for:

### WINANS 1216 NORTH UNIT

- Proposed 1216 N-1H    Proposed 1216 N-2H    Proposed 1216 N-3H
- Proposed 1216 N-4H    Proposed 1216 N-5H    Proposed 1216 N-11H

Freeman's Creek District, Lewis County, W.Va.  
Union District, Harrison County, W.Va.  
Greenbrier District, Doddridge County, W.Va.

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

04/05/2024



10/11/2023

EXISTING WELLS LOCATED WITHIN THE AREA OF REVIEW FOR:

**WINANS 1216 NORTH UNIT AND PROPOSED WELLS N-1H, N-2H, N-3H, N-4H, N-5H & N-11H**

CT	API	COUNTY	FARM	OPERATOR NAME	FORMATION NAME	WELL TYPE	TVD	STATUS	LATITUDE	LONGITUDE
1	4701700914	Doddridge	W C Nicholas	Stonestreet Lands Co.	Gordon	Oil w/ Gas Show	2865	PLUGGED	39.170268	-80.594453
2	4701703959	Doddridge	Mary Smith	Beechlick Oil, Inc. <small>RECEIVED Office of Oil and Gas</small>	UNKNOWN	Gas	-	ACTIVE	39.168252	-80.609979
3	4701703960	Doddridge	Karen Frazee	Beechlick Oil, Inc.	UNKNOWN	Gas	-	ACTIVE	39.169814	-80.611189
4	4701703961	Doddridge	Karen Frazee	Beechlick Oil, Inc.	UNKNOWN	Gas	-	ACTIVE	39.170137	-80.609235
5	4701730418	Doddridge	Edgar Davison	Hope Construction & Refining	Big Injun (undiff)	Oil	2102	PLUGGED	39.167717	-80.606253
6	4701730569	Doddridge	R W Golden	Hope Natural Gas Company <small>WV Department of Environmental Protection</small>	Up Devonian	Gas	2911	PLUGGED	39.168442	-80.606626
7	4701730754	Doddridge	Edgar Davidson	Hope Natural Gas Company	Hampshire Grp	not available	2872	PLUGGED	39.169961	-80.6066818
8	4701731161	Doddridge	Edgar Davison	Hope Natural Gas Company	Hampshire Grp	Gas	2928	PLUGGED	39.168364	-80.605886
9	4703302906	Harrison	W W Nicholson	WV Mineral Group, LLC	Bradford	Oil and Gas	4129	ACTIVE	39.169087	-80.584184
10	4704100077	Lewis	Straley Heirs	Eastern Gas Transmission & Storage, Inc.	Squaw	Storage	2432	PLUGGED	39.126785	-80.579708
11	4704100181	Lewis	Trust	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2383	ACTIVE	39.129925	-80.584464
12	4704100183	Lewis	Charles E Gum	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2294	ACTIVE	39.130684	-80.590394
13	4704100191	Lewis	Alexander Brown	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	3650	PLUGGED	39.130937	-80.577606
14	4704100193	Lewis	J P Hull	Eastern Gas Transmission & Storage, Inc.	Up Devonian	Storage	2179	PLUGGED	39.110213	-80.571739
15	4704100195	Lewis	Henry Snyder	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2390	ACTIVE	39.107930	-80.581935
16	4704100196	Lewis	Marvin Lynn/M Simons	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2462	ACTIVE	39.132648	-80.581693
17	4704100198	Lewis	Minor J Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Gas	2103	ACTIVE	39.115048	-80.562597
18	4704100250	Lewis	M Law	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2327	ACTIVE	39.137475	-80.582081
19	4704100251	Lewis	Minor J Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2102	ACTIVE	39.113724	-80.563428
20	4704100254	Lewis	William J Woofter	Chevron USA Inc.	Gordon	Storage	2520	PLUGGED	39.116389	-80.585385
21	4704100269	Lewis	I E Waggoner	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2300	ACTIVE	39.125013	-80.576302
22	4704100334	Lewis	Alice Burnside	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2240	ACTIVE	39.111416	-80.559085
23	4704100336	Lewis	T J Fahey Hrs	Hope Natural Gas Company	Up Devonian	Storage	2730	PLUGGED	39.142828	-80.600471
24	4704100524	Lewis	A H Kemper	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2510	ACTIVE	39.122609	-80.583773
25	4704101140	Lewis	M Law	Eastern Gas Transmission & Storage, Inc.	Fifth	Storage	2959	PLUGGED	39.137919	-80.587021
26	4704101217	Lewis	L Woofter	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2359	ACTIVE	39.123068	-80.579202
27	4704101253	Lewis	Charles E Gum	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	3013	ACTIVE	39.133292	-80.588726
28	4704101254	Lewis	C E Gum	Hope Natural Gas Company	Gantz	Storage	2576	PLUGGED	39.1373	-80.59238
29	4704101480	Lewis	Brent Maxwell	Eastern Gas Transmission & Storage, Inc.	Benson	Oil and Gas	5196	ACTIVE	39.165461	-80.587282
30	4704101754	Lewis	Nell L Hull	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4853	ACTIVE	39.107951	-80.565020
31	4704101794	Lewis	Robert McKinley/R Seckma	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4600	ACTIVE	39.104510	-80.575661
32	4704101797	Lewis	Martha H Burnside	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4810	ACTIVE	39.118694	-80.566860
33	4704101803	Lewis	J P Hull	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4960	ACTIVE	39.111350	-80.575406
34	4704101859	Lewis	Jacob L Straley	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	2375	PLUGGED	39.117775	-80.571778
35	4704101862	Lewis	Oris B Snyder Hrs	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	5020	ACTIVE	39.109807	-80.584274

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36	4704101863	Lewis	Charles Wooffter	Eastern Gas Transmission & Storage, Inc.	Misc Sands-BNSN/BRLR	Dry w/ Gas Show	4941	PLUGGED	39.116724	-80.575201
37	4704101966	Lewis	Brent Maxwell	Eastern Gas Transmission & Storage, Inc.	Gordon	Dry	2896	PLUGGED	39.154711	-80.578247
38	4704101988	Lewis	William Wooffter	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	5065	ACTIVE	39.116482	-80.585486
39	4704102214	Lewis	L Garrett	Eastern Gas Transmission & Storage, Inc.	Big Injun (Gimbr)	Gas	2209	ACTIVE	39.1154846	-80.592101
40	4704102230	Lewis	M Hall	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Gas	2638	PLUGGED	39.119289	-80.567460
41	4704102258	Lewis	J Hitt	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Gas	2873	ACTIVE	39.145049	-80.596972
42	4704102280	Lewis	B Maxwell	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	2282	ACTIVE	39.158011	-80.590323
43	4704102581	Lewis	Henry Snyder	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	-	PLUGGED	39.110258	-80.586713
44	4704102585	Lewis	Charles Wooffter	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2441	ACTIVE	39.117184	-80.580948
45	4704102597	Lewis	J P Hull	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2394	ACTIVE	39.106411	-80.576060
46	4704102606	Lewis	Wm J Wooffter	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2810	ACTIVE	39.113965	-80.574972
47	4704102607	Lewis	Wm J Wooffter	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2749	ACTIVE	39.111264	-80.581583
48	4704102609	Lewis	A H Kemper	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	-	ACTIVE	39.126810	-80.593577
49	4704102614	Lewis	Moses T Law	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2540	ACTIVE	39.137501	-80.576180
50	4704102629	Lewis	et al	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	2685	PLUGGED	39.108750	-80.566721
51	4704102630	Lewis	Alice Burnside	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2670	ACTIVE	39.108393	-80.560717
52	4704102673	Lewis	Alexander Brown	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	2937	PLUGGED	39.129725	-80.568463
53	4704102678	Lewis	M J Hall	Eastern Gas Transmission & Storage, Inc.	Brallier	Gas	5250	ACTIVE	39.113231	-80.566831
54	4704102736	Lewis	Minor J Hall	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	2878	PLUGGED	39.121607	-80.5666037
55	4704102759	Lewis	Alexander Brown	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2212	ACTIVE	39.130046	-80.572012
56	4704102763	Lewis	Straley Heirs	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2253	ACTIVE	39.125247	-80.585815
57	4704102764	Lewis	James/Neil Hitt	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2437	ACTIVE	39.126097	-80.590546
58	4704102766	Lewis	J P Hull	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2596	ACTIVE	39.112160	-80.577323
59	4704102767	Lewis	Charles Wooffter	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2767	ACTIVE	39.115989	-80.575640
60	4704103099	Lewis	J W Eakin	Eastern Gas Transmission & Storage, Inc.	Mauch Chunk	Dry	1695	PLUGGED	39.109710	-80.571810
61	4704103400	Lewis	J W Eakin	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	1972	PLUGGED	39.112764	-80.572943
62	4704103752	Lewis	Larry & Lynette Hines	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	2808	PLUGGED	39.12277	-80.575554
63	4704103873	Lewis	Hazel Kelley	CNG Development Co.	UNKNOWN	not available	5924	PLUGGED	39.15501	-80.585015
64	4704104452	Lewis	Nell Louise Hull	Consol Gas Company	Big Lime	Dry	2330	PLUGGED	39.108268	-80.568101
65	4704104504	Lewis	Claude Goldsmith	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	-	PLUGGED	39.104768	-80.583437
66	4704104553	Lewis	Robert McKinley et al	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	5185	ACTIVE	39.107391	-80.579259
67	4704104554	Lewis	Robert McKinley et al	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4807	ACTIVE	39.107977	-80.571850
68	4704104555	Lewis	Robert E Thompson	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4839	ACTIVE	39.110838	-80.561324
69	4704104758	Lewis	C A Straley/Lee Wooffter	Eastern Gas Transmission & Storage, Inc.	Fifth	Oil	2613	PLUGGED	39.124190	-80.570090
70	4704104808	Lewis	James J Hitt	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	not available	3027	PLUGGED	39.147178	-80.593768
71	4704105063	Lewis	Gerald P Hull	Eastern Gas Transmission & Storage, Inc.	Alexander	Gas	5031	ACTIVE	39.109975	-80.568827
72	4704105220	Lewis	Flint, Wm. G.	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4430	ACTIVE	39.090578	-80.45593
73	4704105688	Lewis	John E Tyler	Diversified Resources, Inc.	UNKNOWN	not available	-	NEVER DRILLED	39.165574	-80.582408
74	4704105700	Lewis	Lee Wooffter	Eastern Gas Transmission & Storage, Inc.	Gordon	Oil and Gas	2597	PLUGGED	39.121257	-80.571225

04/05/2024



75	4704130003	Lewis	Lowman G Garrett	Hope Natural Gas Company	UNKNOWN	not available	3241	PLUGGED	39.16168	-80.595447
76	4704130034	Lewis	Kemper Heirs	Hope Natural Gas Company	Gordon Stray	Gas	2575	PLUGGED	39.137317	-80.592276
77	4704130049	Lewis	Jno A L Nicholson	Hope Natural Gas Company	Hampshire Grp	Gas	3086	PLUGGED	39.150275	-80.583681
78	4704130086	Lewis	Lewis Woofler	(Orphan well proj)	UNKNOWN	not available	2890	PLUGGED	39.12306	-80.579278
79	4704130147	Lewis	Leman G Garrett	Hope Natural Gas Company	Hampshire Grp	Gas	2918	PLUGGED	39.150804	-80.590043
80	4704130152	Lewis	J W Bailey	Hope Natural Gas Company	UNKNOWN	not available	2861	PLUGGED	39.122526	-80.567211
81	4704130226	Lewis	P W Arbogast	South Penn Oil (S. Penn Nat. Gas)	Hampshire Grp	Oil and Gas	2690	PLUGGED	39.124697	-80.567411
82	4704130425	Lewis	Sarepta Nutter	Bradford Supply Co.	Hampshire Grp	Oil and Gas	2838	PLUGGED	39.122526	-80.566094
83	4704130426	Lewis	Sarepta Nutter	Bradford Supply Co.	Hampshire Grp	Gas	2783	PLUGGED	39.126151	-80.567401
84	4704170565	Lewis	J Taylor	UNKNOWN	UNKNOWN	not available	-	ABANDONED	39.153612	-80.599744
85	4704170914	Lewis	Boyd Gum	Hope Natural Gas Company	UNKNOWN	not available	-	ABANDONED	39.104977	-80.571421
								YELLOW DENOTES WELL WITH TVD > 4,500'		GREEN DENOTES SURVEYED WELLS

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

UPDATED 10/11/2023

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7,942' to Top Hole

4,047' to Bottom Hole

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

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

6,318' to Top Hole

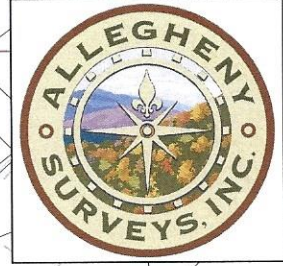
13,334' to Bottom Hole

Page 2  
MATCH LINE



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

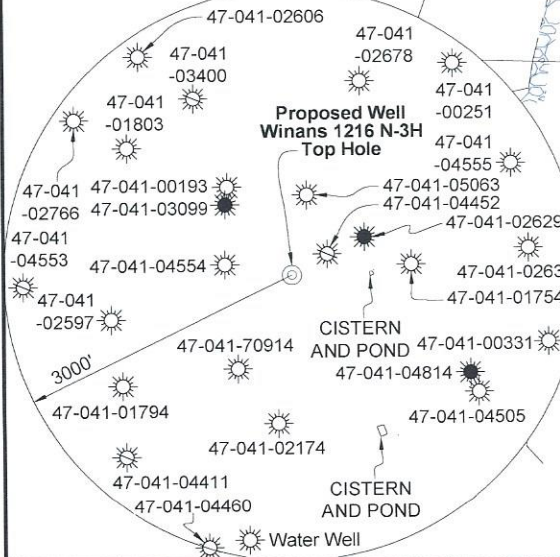
*Dwayne D. Matheny*  
Dwayne D. Matheny, P.S. 2070



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Tag	Bearing	Dist.	Monument
L1	S 87°58' W	1,939.2'	1" Pipe
L2	N 44°39' W	3,079.4'	1" Pipe
L3	S 82°58' E	677.6'	47-041-04554
L4	S 42°56' E	975.3'	47-041-03099
L5	N 04°10' E	448.2'	Landing Point

Note: 0 water wells, 1 cistern and 1 pond were 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: 43-12-FC-21  
DRAWING NO: Winans 1216 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**

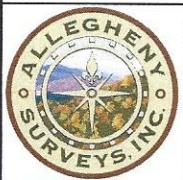
DATE: January 24 2024  
OPERATOR'S WELL NO. Winans 1216 N-3H  
API WELL NO  
47 - 041 - 05747  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek QUADRANGLE: Top: Camden Btm: Big Isaac  
DISTRICT: Freemans Creek COUNTY: Lewis  
SURFACE OWNER: Stephen B. Winans ACREAGE: 45.00  
ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: ACREAGE: 123

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Bottom Hole MOD 7,175' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 32,061' MD

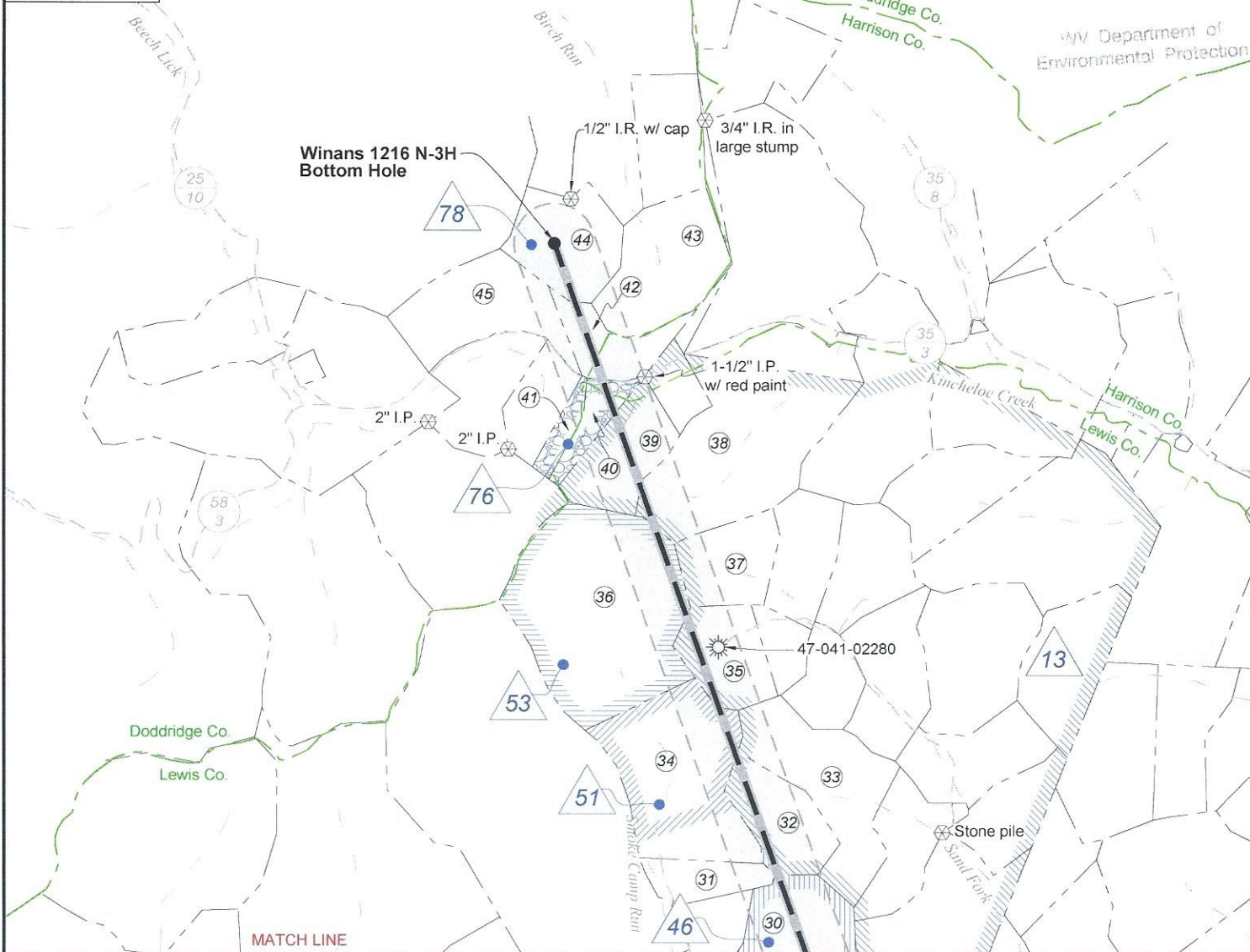
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101



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MAR 18 2024

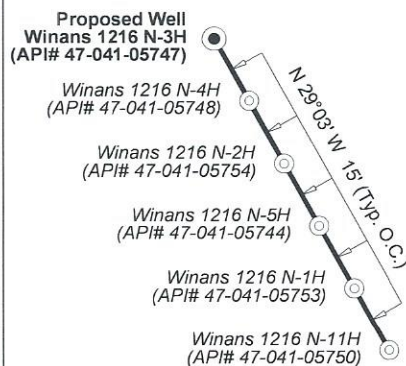
WV Department of  
Environmental Protection



MATCH LINE

Page 1

Wellhead Layout (NTS)



Notes: Well No.  
Winans 1216 N-3H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,202,140.01'  
E: 1,762,538.92'  
Landing Point Coordinates  
N: 14,202,587.05'  
E: 1,762,571.44'  
Bottom Hole Coordinates  
N: 14,225,427.48'  
E: 1,754,506.97'

Notes: Well No. Winans 1216 N-3H  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°06'27.54" Latitude: 39°10'18.16"  
Longitude: 80°34'10.79" Longitude: 80°35'51.40"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,328,820.933m N: 4,335,918.968m  
E: 537,222.937m E: 534,774.794m  
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



FILE NO: 43-12-FC-21  
DRAWING NO: Winans 1216 N-3H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
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STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE: January 24 2024  
OPERATOR'S WELL NO. Winans 1216 N-3H  
API WELL NO  
47 - 041 - 05747  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek

QUADRANGLE: Top: Camden  
Btm: Big Isaac

DISTRICT: Freemans Creek

COUNTY: Lewis  
ACREAGE: 45.00

SURFACE OWNER: Stephen B. Winans

ROYALTY OWNER: Elaina D. Yanceris, et al, et al

LEASE NO: ACREAGE: 123

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Bottom Hole MOD 7,175' TVD

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 32,061' 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

04/05/2024



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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.)

ID	Lease
3	Minor J. Hall, et ux
5	Lee Woofter
6	I.E. Waggoner, et ux
8	Alexander Brown, et ux
9	J.A. Riffée, et ux, et al
10	Mary J. McConkey, et vir, et al
13	W. Brent Maxwell, et al
34	J.P. Hull
35	W.J. Woofter, et ux
36	Charles Woofter, et ux
37	J.L. Straley
40	T.L. Straley, et ux, et al
41	Frances E. Straley, et al
44	Will E. Morris, et ux, et al
46	C.M. Garrett, et ux
51	L.G. Garrett
53	HG Energy, LLC, et al
61	William & Mary Winans
62	Boyd Gum, et ux
76	Jennifer Diane Stauch, et al
78	Teresa Gale (Freeman) Oakes, et al

Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	4C / 21	Stephen B. Winans	630 / 50	45.00
2	4C / 22	Robert & Brenda McKinley	777 / 635	74.00
3	4C / 31	Gerald P. Hull	W18 / 661	199.25
4	4C / 30.1	Faye Isabella	654 / 202	36.88
5	4C / 23	Jason E. & Amy L. Hunt	627 / 224	76.25
6	4C / 10	Ricky Barnes, et al	598 / 747	294.98
7	4C / 15	Steven C. & Elizabeth A. Holden	512 / 270	90.25
8	4C / 25.2	Clara M. Sweeney, et al	573 / 424	0.04
9	4C / 25.3	Christopher N. Hitt, et al	781 / 435	1.26
10	4C / 25	David N. Hitt	732 / 27	44.21
11	4C / 14.1	Lewis County BOE	19 / 6	0.02
12	4C / 14	Roy A. & Kimberly J. Fisher	467 / 259	106.00
13	4C / 33	Crystal M. Mick	713 / 935	92.75
14	4C / 35	Nancy N. & Thomas M. Salvetti	783 / 902	124.88
15	4B / 17	Clarence O. Ferguson	552 / 612	96.50
16	4B / 14	Martin E. McHenry, et al	739 / 3	111.74
17	4B / 21	Karl H. & Theresa B. Skaggs, et al	712 / 704	24.00
18	4B / 22	Karl H. & Theresa B. Skaggs, et al	712 / 704	25.75
19	4B / 23	Karl H. & Theresa B. Skaggs, et al	712 / 704	26.00
20	4B / 13	Robert J. Bennett	W25 / 121	8.00
21	4B / 26	Robert J. Bennett	W25 / 121	16.67
22	4B / 12	Edward E. Garrett, et al	429 / 245	30.00
23	4B / 11	Edward E. Garrett, et al	429 / 245	30.00
24	4B / 31	Robert J. Bennett	W25 / 121	29.75
25	4B / 28	Robert J. Bennett	W25 / 121	19.78
26	4B / 29	Evan S. Bennett	736 / 327	35.72
27	4B / 9	James J. Hitt Trust	674 / 376	68.00
28	4B / 8	Edward E. Garrett, et al	429 / 245	7.50
29	4B / 7	James J. Hitt Trust	674 / 379	96.23
30	4B / 46	Edward E. Garrett, et al	429 / 245	30.33
31	4A / 11	Delphia Garrett Heirs	632 / 245	15.25
32	4A / 21	Edward E. Garrett, et al	429 / 245	27.75
33	4A / 22	John W. Morgan	601 / 74	48.21
34	4A / 9	Edward E. Garrett, et al	429 / 245	69.00
35	4A / 8	Edward E. Garrett, et al	429 / 245	26.00
36	4A / 5	Edward E. Garrett, et al	429 / 245	109.00
37	4A / 6	Melvin James, et al	FID / - - -	26.25
38	4A / 2	Haven Sullivan	789 / 834	81.23
39	4A / 3	Michael L. Small, et al	558 / 15	30.00
40	4A / 4	Michael L. Small, et al	558 / 15	11.60

Doddridge Co. (Greenbrier Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
41	17 / 12.1	Michael L. Small, et al	243 / 592	6.20
42	17 / 9.1	Hayward & Jane Phillips	425 / 36	24.00
43	17 / 10	Carol J. Snow	167 / 4	44.83
44	17 / 6	Carol J. Snow	167 / 1	35.00
45	17 / 9	Justin A. Husk	379 / 659	31.87

FILE NO: 43-12-FC-21  
DRAWING NO: Winans 1216 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: January 24 2024  
OPERATOR'S WELL NO. Winans 1216 N-3H  
API WELL NO  
47 - 041 - 05747  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek QUADRANGLE: Top: Camden Btm: Big Isaac  
DISTRICT: Freemans Creek COUNTY: Lewis  
SURFACE OWNER: Stephen B. Winans ACREAGE: 45.00  
ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: ACREAGE: 123  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 32,061' 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

**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\*\***

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Co-Tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-Tenancy Act  
Horizontal Well Unit Utilization - Subject to unitization filing with the WV Oil and Gas Conservation Commission

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

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

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

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

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

**HG Energy II Appalachia, LLC**  
**Winans 1216 N-3H Lease Chains**  
**API # 47-041-05747**

04/05/2024

1216N Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
62	FK053112	03-004C-0031-0000  RECEIVED Office of Oil and Gas  MAR 18 2024	Q1003886000	BOYD GUM AND MARY M. GUM, HIS WIFE	RESERVE GAS COMPANY	NOT LESS THAN 1/8	58	474
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CNG TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	51	795
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	58	362
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	672	154
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	684	57
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	712	848
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	717	1
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	ASSIGNMENT	722	170
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	MERGER/NAME CHANGE	WWSOS	
				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	FARMOUT AGREEMENT	734	558
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	736	220				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	35	435				
61	FK053100	03-004C-0021-0000 03-004D-0046-0000 03-004D-0046-0001 03-004D-0047-0000 03-004D-0047-0000 03-004D-0047-0001 03-004D-0047-0002 03-005D-0064-0000 03-005D-0065-0000	Q100670000	J. I. WARDER	THE HENRY OIL AND GAS COMPANY	ASSIGNMENT	35	435
				J. I. WARDER	FRED S. RICH	ASSIGNMENT	44	546
				J. I. WARDER, J. W. TRACY, DAVID SNYDER, PLUS LEVI, FRANK ALFRED, PERRY G. ALFRED, AND H. W. LIGHTBURN (KNOWN AS THE HENRY OIL AND GAS COMPANY)	RESERVE GAS COMPANY	ASSIGNMENT	85	106
				T. N. BARNSDALL, THE SOUTHERN OIL COMPANY, FRED S. RICH AND W. S. MOWRIS	HOPE NATURAL GAS COMPANY	MERGER/NAME CHANGE	155	202
				RESERVE GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC. AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				NOBLE ENERGY, INC.	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	WWSOS	
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	FARMOUT AGREEMENT	734	558				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	736	220				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	68	104				
J. P. HULL	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	68	104				
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	WWSOS					
CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WWSOS					
DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154				

34	FK013956	Q101009000	CNX GAS COMPANY LLC DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. MINOR J. HALL AND M. J. HALL, HIS WIFE SOUTH PENN OIL COMPANY HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	NOBLE ENERGY, INC. CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC SOUTH PENN OIL COMPANY HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC SOUTH PENN OIL COMPANY HOPE NATURAL GAS COMPANY SOUTH PENN NATURAL GAS COMPANY	LIMITED PARTIAL ASSIGNMENT (50%) PARTIAL ASSIGNMENT (32%) ASSIGNMENT ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT (68%) NOT LESS THAN 1/8 ASSIGNMENT CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE MERGER/NAME CHANGE MEMORANDUM OF FARMOUT AGREEMENT LIMITED PARTIAL ASSIGNMENT (50%) PARTIAL ASSIGNMENT (32%) ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT (68%) NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT	684 712 717 722 WVSOS 723 734 736 33 85 294 425 WVSOS 672 684 712 717 722 WVSOS 723 734 736 33 85 156	57 848 1 170 WVSOS 499 558 220 179 127 89 127 WVSOS 154 57 848 1 170 WVSOS 499 558 220 245 127 570	
3	FK002647	Q100363000	03-004C-0023-0000 03-004C-0028-0000 03-004C-0029-0000 03-004C-0030-0000 03-004C-0030-0001 03-005C-0009-0000 03-005C-0009-0001 03-005C-0009-0002 03-005C-0014-0000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. W. J. WOOLFEY AND SUSAN WOOLFEY, HIS WIFE E. W. BOYD S. E. BARRETT S. E. BARRETT AND LOUIS BENNETT LEWIS OIL COMPANY LEWIS OIL COMPANY LOUIS BENNETT J. M. GUFFEY AND JOHN H. GALEY PHILADELPHIA COMPANY OF WEST VIRGINIA PITTSBURGH AND WEST VIRGINIA GAS COMPANY EQUITABLE GAS COMPANY AND PHILADELPHIA OIL COMPANY HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC E. W. BOYD S. E. BARRETT LOUIS BENNETT LEWIS OIL COMPANY J. M. GUFFEY AND JOHN H. GALEY J. M. GUFFEY J. M. GUFFEY AND JOHN H. GALEY PHILADELPHIA COMPANY OF WEST VIRGINIA PITTSBURGH AND WEST VIRGINIA GAS COMPANY EQUITABLE GAS COMPANY HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNX GAS COMPANY LLC NOBLE ENERGY, INC. CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC SOUTH PENN OIL COMPANY HOPE NATURAL GAS COMPANY SOUTH PENN NATURAL GAS COMPANY	NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT DEED ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT DEED DEED CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE MERGER/NAME CHANGE MEMORANDUM OF FARMOUT AGREEMENT LIMITED PARTIAL ASSIGNMENT (50%) PARTIAL ASSIGNMENT (32%) ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT (68%) NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT	35 36 30 36 44 46 44 73 85 216 246 294 425 WVSOS 672 684 712 717 722 WVSOS 723 734 736 33 85 156	240 369 609 438 399 571 318 141 185 192 89 127 WVSOS 154 57 848 1 170 WVSOS 499 558 220 245 127 570
35	FK051503	Q100270000	p/o 03-004C-0010-0000 03-004C-0010-0001	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. J. L. STRALEY SOUTH PENN OIL COMPANY SOUTH PENN OIL COMPANY	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC SOUTH PENN OIL COMPANY HOPE NATURAL GAS COMPANY SOUTH PENN NATURAL GAS COMPANY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT (68%) NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT	736 736 33 85 156	220 245 127 570

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			<p>JAMES W. MCCONKEY, GUARDIAN OF LOUIS G. MCCONKEY AND A. EARL QUEEN; J. WESLEY SOMMERVILLE, GUARDIAN OF CLARENCE D. SOMMERVILLE, GUY VANCE SOMMERVILLE, RALPH REX SOMMERVILLE, TELA A. SOMMERVILLE AND HERSCHEL HALE SOMMERVILLE; AND J. P. H. STRALEY, GUARDIAN OF JAMES S. LAW, BESSIE A. LAW, NANCY J. LAW, AND LEWIS G. LAW, ELLA MUMAW AND SARAH E. MUMAW, AND SPECIAL COMMISSIONERS</p>	<p>LOUIS BENNETT AND S. E. BARRETT          J. M. GUFFEY AND JOHN H. GALEY          THE PHILADELPHIA COMPANY OF WEST VIRGINIA          THE PITTSBURGH AND WEST VIRGINIA COMPANY          THE PHILADELPHIA COMPANY OF WEST VIRGINIA          THE PITTSBURGH AND WEST VIRGINIA COMPANY          EQUITABLE GAS COMPANY          HOPE NATURAL GAS COMPANY          CONSOLIDATED GAS SUPPLY CORPORATION          CONSOLIDATED GAS TRANSMISSION CORPORATION          CNG TRANSMISSION CORPORATION          DOMINION TRANSMISSION, INC.          CNX GAS COMPANY LLC          NOBLE ENERGY, INC.          DOMINION ENERGY TRANSMISSION, INC.          HG ENERGY II APPALACHIA, LLC          HG ENERGY II APPALACHIA, LLC          HG ENERGY II APPALACHIA, LLC          HG ENERGY II APPALACHIA, LLC          HG ENERGY II APPALACHIA, LLC          HG ENERGY II APPALACHIA, LLC          HOPE NATURAL GAS COMPANY</p>	<p>NOT LESS THAN 1/8          ASSIGNMENT          ASSIGNMENT          ASSIGNMENT (50%)          ASSIGNMENT          DEED          DEED          DEED          DEED          ASSIGNMENT          CONFIRMATORY DEED          ASSIGNMENT          MERGER/NAME CHANGE          MERGER/NAME CHANGE          MEMORANDUM OF FARMOUT AGREEMENT          LIMITED PARTIAL ASSIGNMENT (50%)          PARTIAL ASSIGNMENT (32%)          ASSIGNMENT          ASSIGNMENT          MERGER/NAME CHANGE          SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT          FARMOUT AGREEMENT          THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT          ASSIGNMENT (68%)          NOT LESS THAN 1/8          CONFIRMATORY DEED          ASSIGNMENT          MERGER/NAME CHANGE          MERGER/NAME CHANGE          MEMORANDUM OF FARMOUT AGREEMENT          LIMITED PARTIAL ASSIGNMENT (50%)          PARTIAL ASSIGNMENT (32%)          ASSIGNMENT          ASSIGNMENT          MERGER/NAME CHANGE          SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT          FARMOUT AGREEMENT          THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT          ASSIGNMENT (68%)          H/O hearing scheduled 3/25/2024          NOT LESS THAN 1/8</p>	<p>42 44 44 44 125 125 216 246 294 425 9 672 684 712 717 722 723 734 736 736 186 294 425 WVSOS WVSOS 672 684 712 717 722 WVSOS 723 734 736 192</p>	<p>511 571 569 583 379 371 185 192 89 127 628 154 57 848 1 170 499 558 220 328 89 127 154 57 848 1 170 499 558 274</p>
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J. W. CUMPTON AND EDNA CUMPTON, HIS WIFE; DESSIE CASEY AND ERNEST F. CASEY, HER HUSBAND; MYRA WAGGONER AND E. G. WAGGONER, HER HUSBAND; AND ZELLA KELLEY, WIDOW	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	205	18
SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	243	52
HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
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 (68%)	734	558
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	33	258
DOMINION ENERGY TRANSMISSION, INC.	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	405
DOMINION ENERGY TRANSMISSION, INC.	HOPE NATURAL GAS COMPANY	ASSIGNMENT	52	259
DOMINION ENERGY TRANSMISSION, INC.	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	294	89
DOMINION ENERGY TRANSMISSION, INC.	CONSOLIDATED GAS SUPPLY CORPORATION	ASSIGNMENT	425	127
DOMINION ENERGY TRANSMISSION, INC.	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
DOMINION ENERGY TRANSMISSION, INC.	DOMINION TRANSMISSION, INC.	MEMORANDUM OF FARMOUT AGREEMENT	672	154
DOMINION ENERGY TRANSMISSION, INC.	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
DOMINION ENERGY TRANSMISSION, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
DOMINION ENERGY 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 (68%)	734	558
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	58	549
DOMINION ENERGY TRANSMISSION, INC.	HOPE NATURAL GAS COMPANY	ASSIGNMENT	79	302
DOMINION ENERGY TRANSMISSION, INC.	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	294	89
DOMINION ENERGY TRANSMISSION, INC.	CONSOLIDATED GAS SUPPLY CORPORATION	ASSIGNMENT	425	127
DOMINION ENERGY TRANSMISSION, INC.	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
DOMINION ENERGY TRANSMISSION, INC.	DOMINION TRANSMISSION, INC.	MEMORANDUM OF FARMOUT AGREEMENT	672	154
DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
DOMINION ENERGY TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
DOMINION ENERGY TRANSMISSION, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
DOMINION ENERGY 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 (68%)	734	558
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220

04/05/2024

53	UNLEASFD	03-0044-0005-0000	FK072046	HG Energy, LLC Bruce Hall Garrett, Trustee, of the Trust dated November 13, 2020 Edward Earl Garrett	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8 NOT LESS THAN 1/8	778 795	406 239
76				Danny R. Golden	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	795	235
				David Ronald Nicholson	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	274	660
				Dawnleigh Heiber	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	678	134
				Denise L. Bissler	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	680	132
				Donna Mazzaresse Fka Donna Wells	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	682	136
				Erick K. Golden	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	TBD	TBD
				Ethel Christine Hart AKA Ethel Cristine Hart	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	TBD	TBD
				Faith Baptist Church	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	533	156
				Florence Fleming	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	808	301
				James A. Golden	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	TBD	TBD
				Jennifer Diane Stauch	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	533	175
				John Christopher Nicholson	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	808	314
				Kathy Elizabeth Nicholson Currey	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	520	581
				Kenneth Wade Nicholson	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	801	573
				Laura Lee Corsi	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	518	684
				Margaret Ann Blattler Rosemecker	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	801	138
				Mary Beth Helmick	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	519	125
				Sara Nell Stinnett	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	801	216
				Tyson J. Bissler	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	518	690
				Virginia Marlene Sharp AKA Marlene Sharp Fka Marlene Golden	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	801	144
Tribune Resources Minerals, LLC	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	533	171				
Clairinda Vincent	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	808	316				
Dr. Delbert P. Blattler	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	519	133				
Elisa Rae Belasco	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	801	226				
Mary Ellen Golden	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	518	142				
Michael Golden	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	801	668				
The Estate of Mary Wolfe aka Mary Margaret Wolfe, by Jacob David Wolfe, Executor	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	518	698				
Westover Methodist Episcopal Church NKA Westover United Methodist Church	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	801	130				
Teresa Gale (Freeman) Oakes	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	686				
MAP2012-OK	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	801	140				
MAP2015-OK	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	TBD	TBD				
Rita R. Hiley	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	541	46				
Larry Bryan Jenkins	ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8	804	549				
Michael & Tiffany Freeman	SEP Exploration LLC	NOT LESS THAN 1/8						
SEP Exploration LLC	HG ENERGY II APPALACHIA LLC	ASSIGNMENT						
ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA LLC	HUO hearing scheduled 3/25/2024	DOCKET 341	CAUSE 370				

04/05/2024

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

March 15, 2024

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

*Ch# 42682  
7500<sup>00</sup>*

RE: Winans 1216 N-3H Drill Permit Revision Request – (47-041-05747)  
Freemans Creek District, Lewis County  
West Virginia

Dear Mr. Blevins -

Per our discussions, enclosed are revised forms (WW-6B, casing schematic, survey plat, mylar, AOR, WW6A-1) and a check for expedited service for the 1216 N-3H well work permit revision request. We ask the permit be modified to reflect the revised lateral.

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

Very truly yours,

*Diane White*

Diane C. White

Enclosures

cc: Ken Greynolds – WV DEP State Inspector

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