



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

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-1H
47-041-05753-00-00

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-1H
Farm Name: Stephen B Winans
U.S. WELL NUMBER: 47-041-05753-00-00
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-1H 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 x Oil _____ Underground Storage _____
Other _____

(b) If Gas Shallow x Deep _____
Horizontal x

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: 32,739'

11) Proposed Horizontal Leg Length: 24,004'

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 X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____
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WW-6B
(04/15)

4704105753
API NO. 47-
OPERATOR WELL NO. Winans 1216 N-1H
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	6025'	6025' ✓	40% Excess Tail, CTS
Production	5 1/2"	NEW	P-110 HP	23	32739'	32739' ✓	20% Excess Tail, CTS
Tubing							
Liners							

Kenneth Greynolds
Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds, email = Kenneth.L.Greynolds@ww.gov, C = AD, O = WWDEP, OU = Oil and Gas
Date: 2024.03.13 10:09:37 -0400

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

PACKERS

Kind:				
Sizes:				
Depths Set:				

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 24,004' lateral length, 32,739' TMD. Hydraulically fracture, stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

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

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

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

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

23) Describe centralizer placement for each casing string:

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

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

Conductor -N/A, Casing to be drilled in w/ Dual Rotary Rig.
Fresh Water/Coal - "15.6 ppg PNE-1 + 3% bwoc CaCl40% 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 GemNET" - 60% Excess15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK" / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam / D801 - 0.03 gal / sack Retarder - 0% Excess"
Intermediate 2 - "Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS"
Production - "Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% ExcessLead Yield=1.19Tail Yield=1.94CTS"

25) Proposed borehole conditioning procedures:

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

*Note: Attach additional sheets as needed.

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MAR 18 2024
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Page 3 of 3

04/05/2024



1216 N-1H
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 - 0.15% BWOB Dispersant / D095 1.5 lb per BBL CEMENT - 80% 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-1H SHL		14202087.58N 1762568.04E			
Azim		340.569°		1216 N-1H LP		14201754.63N 1760211.04E			
WELLBORE DIAGRAM		340.569°		1216 N-1H BHL		14224382.8N 1752228.77E			
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, 1305	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 / Gemtz (Storage)	1927 1980 2036 / 2314	1942 2036 2134 / 2372	AIR / KCL Salt Polymer	See above (LEFT) for Storage String Cement Blend to Meet DTI Requirements for Gas Storage Field Isolation	Bow Spring on every joint <i>*will also be running ACP for isolating storage zone*</i>	Once casing is at setting depth, circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.480" wall thickness Burst=3450 psi
12.25"	9-5/8" 40# N / L-80 BTC	Intermediate 1 Thirty Foot Gordon 5th Sand Bayard Speechley Balltown / Benson Alexander / Elk Intermediate 2	0 2519 2594 2818 2884 3515 3669 / 4840 5418 / 5647 0	2480 2531 2640 2850 2900 3531 3783 / 4868 5543 / 5675 TVD: 5900' MD: 6025' Inc. 30 deg.	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	Rhinestreet Cashaqua Middlesex West River Burkett Tully Limestone Hamilton Marcellus TMD / TVD (Production) Onondaga	6270 6504 6758 6837 6937 6962 7054 7127 32738 7200	AIR / 9.0ppg SOB 11.5ppg-12.5ppg SOB 11.5ppg-12.5ppg SOB	AIR / 9.0ppg SOB	Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170 Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess Lead Yield=1.19 Tail Yield=1.94 CTS	Run 1 spiral centralizer every 5 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5' long joint to the top of the curve.	Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.	Production casing = 0.415" wall thickness Burst=16240 psi Note: Actual centralizer schedules may be changed due to hole conditions
8.5" Lateral			7200	7175	11.5ppg-12.5ppg SOB				

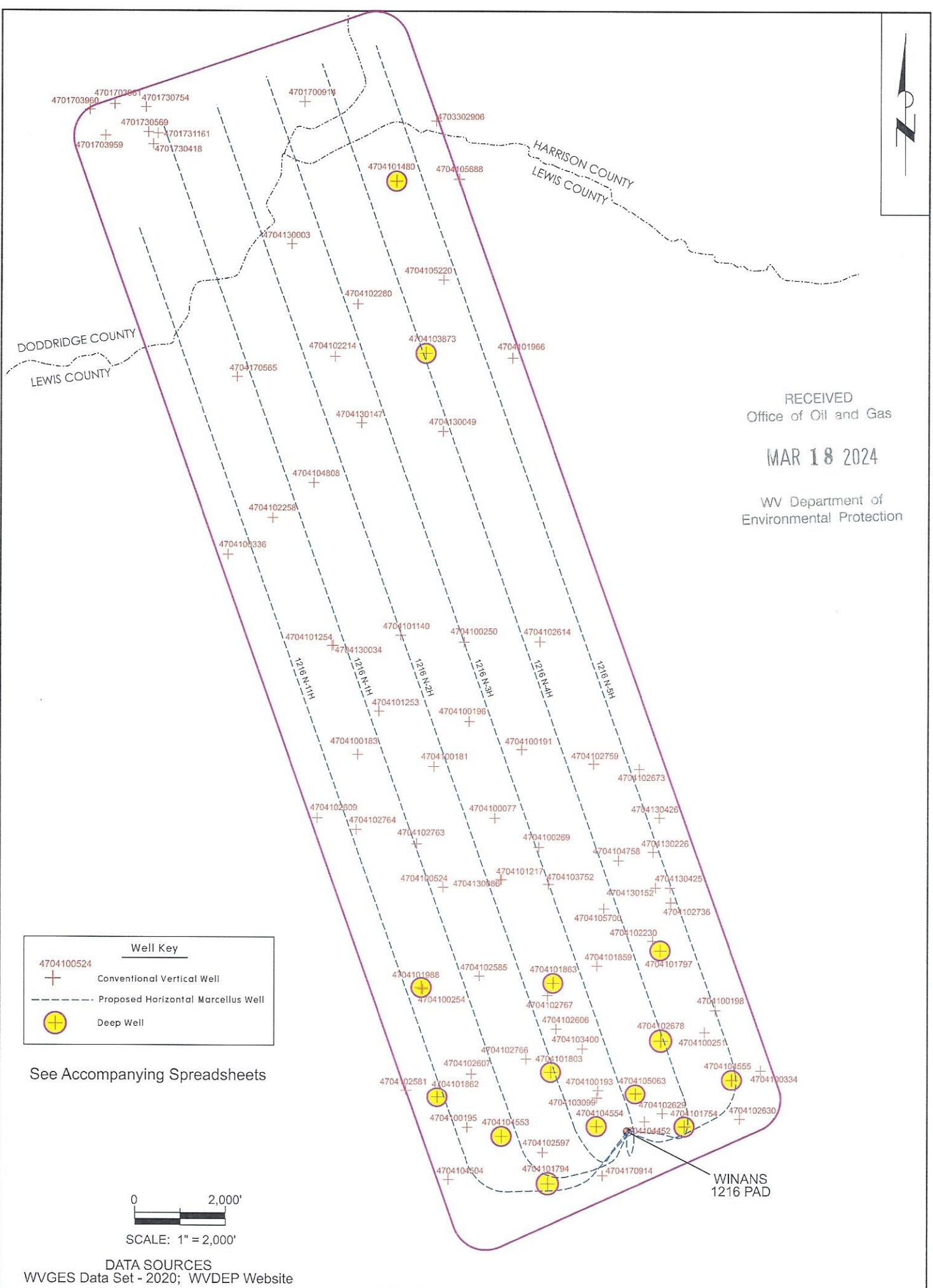
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WV Department of Environmental Protection

04/05/2024

LP @ 7175' TVD / 8734' MD
 8.5" Hole - Cemented Long String
 5-1/2" 23# P-110 HP TXP / W461
 +/24004 ft Lateral
 TD @ +/7175' TVD
 +/32738' MD
 X=centralizers

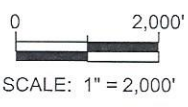


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Well Key

- 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

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

04/05/2024



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

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	39.170058	-80.594453
2	4701703959	Doddridge	Mary Smith	Beechlick Oil, Inc.	UNKNOWN	Gas	-	ACTIVE	39.168252	-80.609979
3	4701703960	Doddridge	Karen Frazee	Beechlick Oil, Inc.	UNKNOWN	Gas	-	ACTIVE	39.168252	-80.611189
4	4701703961	Doddridge	Karen Frazee	Beechlick Oil, Inc.	UNKNOWN	Gas	-	ACTIVE	39.168252	-80.611189
5	4701730418	Doddridge	Edgar Davison	Hope Construction & Refining	Big Injun (undiff)	Oil	2102	PLUGGED	39.170137	-80.609235
6	4701730569	Doddridge	R W Golden	Hope Natural Gas Company	Up Devonian	Gas	2911	PLUGGED	39.167717	-80.606253
7	4701730754	Doddridge	Edgar Davison	Hope Natural Gas Company	Hampshire Grp	not available	2872	PLUGGED	39.168442	-80.606626
8	4701731161	Doddridge	Edgar Davison	Hope Natural Gas Company	Hampshire Grp	Gas	2928	PLUGGED	39.169961	-80.606818
9	4703302906	Harrison	W W Nicholson	WV Mineral Group, LLC	Bradford	Oil and Gas	4129	ACTIVE	39.168364	-80.605886
10	4704100077	Lewis	Straley Heirs	Eastern Gas Transmission & Storage, Inc.	Squaw	Storage	2432	PLUGGED	39.169087	-80.584184
11	4704100181	Lewis	Trust	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2383	ACTIVE	39.126785	-80.579708
12	4704100183	Lewis	Charles E Gum	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2294	ACTIVE	39.129925	-80.584464
13	4704100191	Lewis	Alexander Brown	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	3650	PLUGGED	39.130684	-80.590394
14	4704100193	Lewis	J P Hull	Eastern Gas Transmission & Storage, Inc.	Up Devonian	Storage	2179	PLUGGED	39.130937	-80.577606
15	4704100195	Lewis	Henry Snyder	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2390	ACTIVE	39.110213	-80.571739
16	4704100196	Lewis	Marvin Lynn/M Simons	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2462	ACTIVE	39.107930	-80.581935
17	4704100198	Lewis	Minor J Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2462	ACTIVE	39.132648	-80.581693
18	4704100250	Lewis	M Law	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2103	ACTIVE	39.115048	-80.562597
19	4704100251	Lewis	Minor J Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2327	ACTIVE	39.137475	-80.582081
20	4704100254	Lewis	William J Woofter	Chevron USA Inc.	Gordon	Storage	2102	ACTIVE	39.113724	-80.563428
21	4704100269	Lewis	I E Waggoner	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2520	PLUGGED	39.116389	-80.585385
22	4704100334	Lewis	Alice Burnside	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2300	ACTIVE	39.125013	-80.576302
23	4704100336	Lewis	T J Fahey Hrs	Hope Natural Gas Company	Up Devonian	Storage	2240	ACTIVE	39.11416	-80.559085
24	4704100524	Lewis	AH Kemper	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2730	PLUGGED	39.142828	-80.600471
25	4704101140	Lewis	M Law	Eastern Gas Transmission & Storage, Inc.	Fifth	Storage	2510	ACTIVE	39.122609	-80.583773
26	4704101217	Lewis	L Woofter	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2959	PLUGGED	39.137919	-80.587021
27	4704101253	Lewis	Charles E Gum	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2359	ACTIVE	39.123068	-80.579202
28	4704101254	Lewis	C E Gum	Hope Natural Gas Company	Gantz	Storage	3013	ACTIVE	39.133292	-80.588726
29	4704101480	Lewis	Brent Maxwell	Eastern Gas Transmission & Storage, Inc.	Benson	Storage	2576	PLUGGED	39.1373	-80.59238
30	4704101754	Lewis	Nell L Hull	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Oil and Gas	5196	ACTIVE	39.165461	-80.587282
31	4704101794	Lewis	Robert McKinley/R Seckma	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4833	ACTIVE	39.107951	-80.565020
32	4704101797	Lewis	Martha H Burnside	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4600	ACTIVE	39.104510	-80.575661
33	4704101803	Lewis	J P Hull	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Gas	4810	ACTIVE	39.118694	-80.566860
34	4704101859	Lewis	Jacob L Straley	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Gas	4960	ACTIVE	39.111350	-80.575406
35	4704101862	Lewis	Oris B Snyder Hrs	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	not available	2375	PLUGGED	39.117775	-80.571778
						Gas	5020	ACTIVE	39.109807	-80.584274

04/20/2024

36	4704101863	Lewis	Charles Woofter	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	39.156211	-80.578247
38	4704101988	Lewis	William Woofter	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 (Grbr)	Gas	2209	ACTIVE	39.154616	-80.592101
40	4704102230	Lewis	M Hall	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Gas	2638	PLUGGED	39.115389	-80.567460
41	4704102258	Lewis	J Hitt	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Gas	2873	ACTIVE	39.144009	-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 Woofter	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 Woofter	Eastern Gas Transmission & Storage, Inc.	UNKNOWN	Storage	2810	ACTIVE	39.113965	-80.574972
47	4704102607	Lewis	Wm J Woofter	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	-80.566037
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 Woofter	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	Neil 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 Woofter	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	-80.455593
73	4704105688	Lewis	John E Tyler	Diversified Resources, Inc.	UNKNOWN	not available	-	NEVER DRILLED	39.165574	-80.582408
74	4704105700	Lewis	Lee Woofter	Eastern Gas Transmission & Storage, Inc.	Gordon	Oil and Gas	2597	PLUGGED	39.121257	-80.571225

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	39.13717	-80.592276
77	4704130049	Lewis	Jno A L Nicholson	Hope Natural Gas Company	Hampshire Grp	Gas	3086	PLUGGED	39.15815	-80.583681
78	4704130086	Lewis	Lewis Woofter	(Orphan well proj)	UNKNOWN	not available	2890	PLUGGED	39.12895	-80.579278
79	4704130147	Lewis	Leman G Garrett	Hope Natural Gas Company	Hampshire Grp	Gas	2918	PLUGGED	39.15804	-80.590043
80	4704130152	Lewis	J W Bailey	Hope Natural Gas Company	UNKNOWN	not available	2861	PLUGGED	39.12806	-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

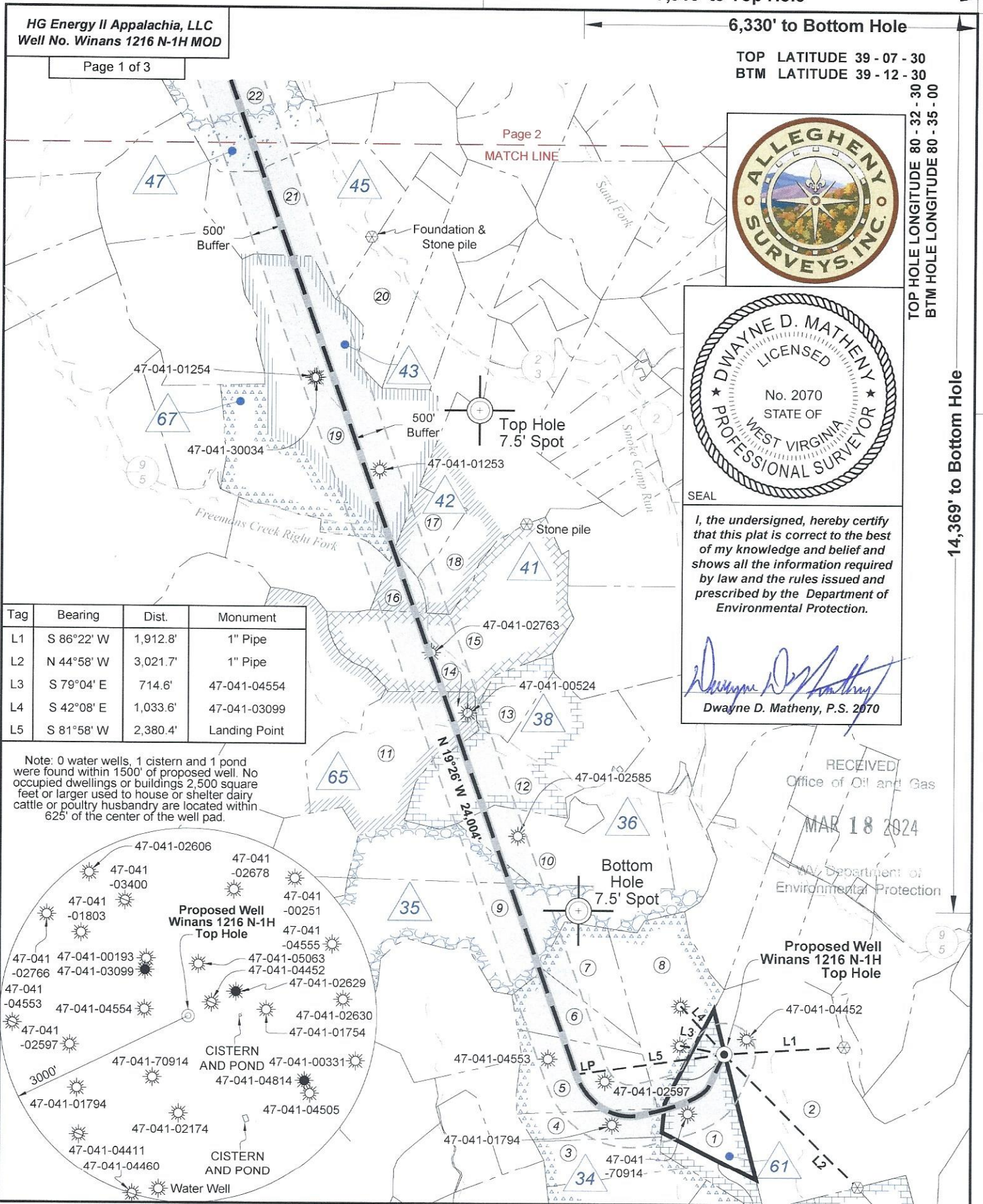
SOURCE: WVGES DATASET (2020) and WVDEP WEBSITE AND FIELD SURVEYS

UPDATED 10/11/2023

YELLOW DENOTES WELL WITH TVD > 4,500'

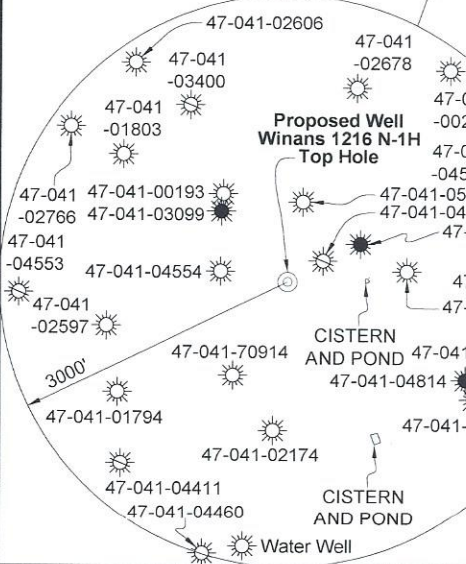
GREEN DENOTES SURVEYED WELLS

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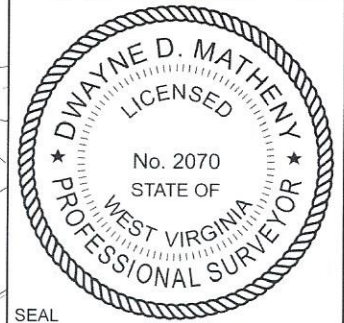
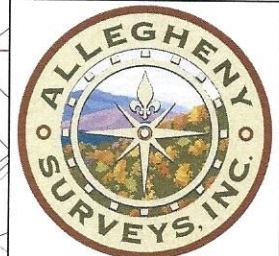
Tag	Bearing	Dist.	Monument
L1	S 86°22' W	1,912.8'	1" Pipe
L2	N 44°58' W	3,021.7'	1" Pipe
L3	S 79°04' E	714.6'	47-041-04554
L4	S 42°08' E	1,033.6'	47-041-03099
L5	S 81°58' W	2,380.4'	Landing Point

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.



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

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



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

7,913' to Top Hole
6,330' to Bottom Hole
14,369' to Bottom Hole
6,370' to Top Hole

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FILE NO: 43-12-FC-21
DRAWING NO: Winans 1216 N-1H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

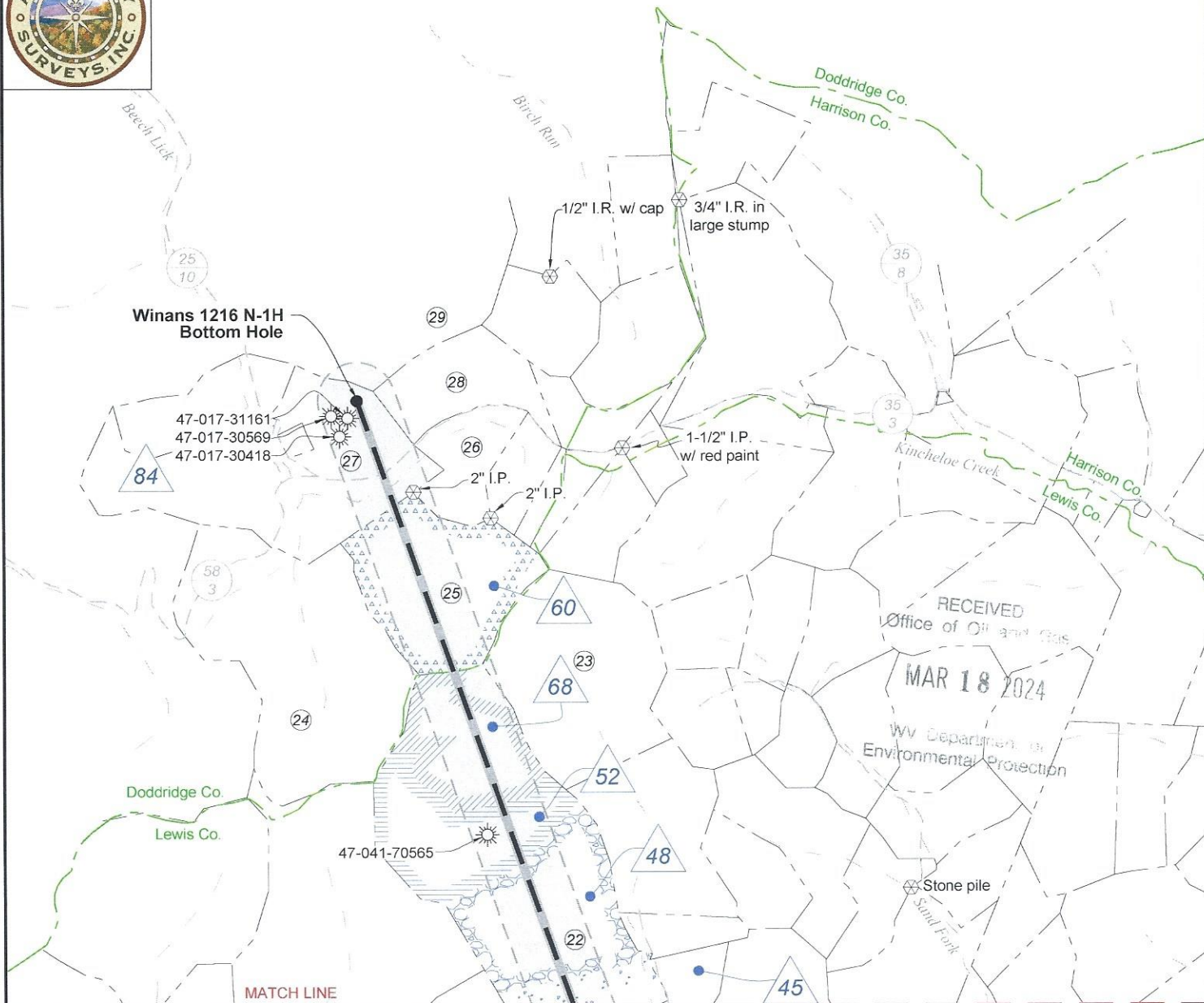
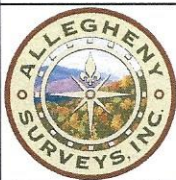
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: January 24, 2024
OPERATOR'S WELL NO. Winans 1216 N-1H
API WELL NO
47 - 041 - 05753
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: CAMDEN
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: 32,739' MD

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



Page 1

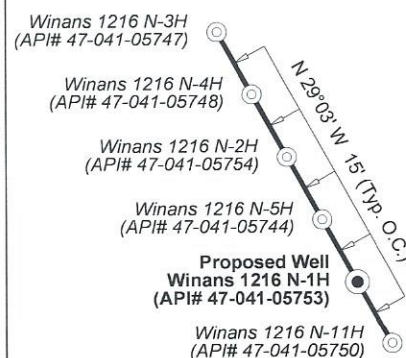
Notes: Well No. Winans 1216 N-1H UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,202,087.58'
E: 1,762,568.04'
Landing Point Coordinates
N: 14,201,754.63'
E: 1,760,211.04'
Bottom Hole Coordinates
N: 14,224,382.80'
E: 1,752,228.77'

Notes: Well No. Winans 1216 N-1H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'27.02" Latitude: 39°10'07.93"
Longitude: 80°34'10.42" Longitude: 80°36'20.40"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,328,804.952m N: 4,335,600.549m
E: 537,231.813m E: 534,080.397m
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



Wellhead Layout (NTS)



FILE NO: 43-12-FC-21
DRAWING NO: Winans 1216 N-1H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
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DATE: January 24 2024
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API WELL NO
47 — 041 — 05753
STATE COUNTY PERMIT

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(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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,175' TVD
32,739' 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



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.)

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ID	Lease
34	J.P. Hull
35	W.J. Woofter, et ux
36	Charles Woofter, et ux
38	W.C. Cumpston, et ux, et al
41	Frances E. Straley, et al
42	J.A. Riffée, et ux, et al
43	Charles E. Gum
45	J.S. Hitt, et ux
47	J.S. Hitt, et ux
48	Delphia Garrett, et vir, et al
52	Delphia Garrett, et vir, et al
60	CNX Gas Company
61	William & Mary Winans
65	A.H. Kemper, et ux
67	Charles E. Gum
68	The C.M. Garrett Trust, et al
84	Edgar Davisson, et ux, 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 / 31	Gerald P. Hull	W18 / 661	199.25
3	4D / 68	Robert & Brenda McKinley	777 / 635	29.75
4	4D / 70	Robert & Brenda McKinley	777 / 639	23.50
5	4C / 18	Robert & Brenda McKinley	777 / 635	52.80
6	4C / 17	Jeremy H. Bennett	602 / 716	29.25
7	4C / 16	Robert & Brenda McKinley	777 / 635	32.00
8	4C / 22	Robert & Brenda McKinley	777 / 635	74.00
9	4C / 10	Ricky Barnes, et al	598 / 747	294.98
10	4C / 15	Steven C. & Elizabeth A. Holden	512 / 270	90.25
11	4C / 13	Shirley Taylor, et al	FID / - - -	79.04
12	4C / 14	Roy A. & Kimberly J. Fisher	467 / 259	106.00
13	4C / 14.2	Larry Cutright	558 / 33	20.00
14	4C / 13.1	Robert E. Cutright	526 / 695	3.23
15	4C / 35	Nancy N. & Thomas M. Salvetti	783 / 902	124.88
16	4B / 14.2	Nancy N. & Thomas M. Salvetti	701 / 196	11.00
17	4B / 14.1	Robert & Melissa Swiger, et al	740 / 478	20.00
18	4B / 14	Martin E. McHenry, et al	739 / 3	111.74
19	4B / 6	Jacob & Laura K. Johnson	622 / 33	240.15
20	4B / 9	James J. Hitt Trust	674 / 376	68.00
21	4B / 7	James J. Hitt Trust	674 / 379	96.23
22	4A / 10	David N. Hitt	723 / 640	225.00
23	4A / 5	Edward E. Garrett, et al	429 / 245	109.00
Doddridge Co. (Greenbrier Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
24	17 / 5	Wayne A. Gorby	436 / 333	158.46
25	17 / 13	Wayne A. Gorby	436 / 333	84.04
26	17 / 9.2	Richard L. & Jesusa R. Kelley	229 / 465	30.11
27	17 / 8	Deborah J. Edwards	226 / 352	157.15
28	17 / 9	Justin A. Husk	379 / 659	31.87
29	17 / 2	Warren E. & Judy E. Bee	263 / 162	141.75

FILE NO: 43-12-FC-21

DRAWING NO: Winans 1216 N-1H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: January 24 2024

OPERATOR'S WELL NO. Winans 1216 N-1H

API WELL NO

47 - 041 - 05753
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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DISTRICT: Freemans Creek

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

LEASE NO: _____ ACREAGE: 123

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WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

Top: Camden
Bottom: Big Isaac
QUADRANGLE: Lewis
COUNTY: Lewis
ACREAGE: 45.00
04/05/2024

WW-6A1
(5/13)

Operator's Well No. Winans 1216 N²1H

**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
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See Attached Sheets

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

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

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

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

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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
Winans 1216 N-1H Lease Chain
API # 47-041-05753**

04/05/2024

1216N Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
61	FK03100	03-004C-0021-0000 03-004D-0046-0000 03-004D-0046-0001 03-004D-0047-0000 03-004D-0047-0001 03-004D-0047-0002 03-005D-0064-0000 03-005D-0065-0000	Q100670000	WILLIAM WINANS AND MARY WINANS	J. I. WARDER THE HENRY OIL AND GAS COMPANY	NOT LESS THAN 1/8 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 SUPPLY CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	9	628
				CONSOLIDATED GAS TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MEMORANDUM OF FARMOUT AGREEMENT	672	154
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	NOBLE ENERGY, INC.	ASSIGNMENT	722	170
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVS05	
				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
				J. P. HULL	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
				HOPE NATURAL GAS COMPANY	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	68	104
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	ASSIGNMENT	425	127
CNG TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVS05					
DOMINION TRANSMISSION, INC.	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	672	154				
DOMINION TRANSMISSION, INC.	NOBLE ENERGY, INC.	MEMORANDUM OF FARMOUT AGREEMENT	684	57				
DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	712	848				
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	717	1				
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170				
DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVS05					
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	FARMOUT AGREEMENT	736	220				
W. J. WOOLFER AND SUSAN WOOLFER, HIS WIFE	E. W. BOYD	NOT LESS THAN 1/8	35	240				
E. W. BOYD	S. E. BARRETT	ASSIGNMENT	36	369				
S. E. BARRETT	LOUIS BENNETT	ASSIGNMENT	30	609				
S. E. BARRETT AND LOUIS BENNETT	LEWIS OIL COMPANY	DEED	36	438				
LEWIS OIL COMPANY	J. M. GUFFEY AND JOHN H. GALEY	ASSIGNMENT	44	562				
LEWIS OIL COMPANY	J. M. GUFFEY	ASSIGNMENT	46	399				
LOUIS BENNETT	J. M. GUFFEY AND JOHN H. GALEY	ASSIGNMENT	44	571				
34	FK013956	03-004C-0022-0000 03-004C-0016-0000 03-004C-0017-0000 03-004C-0018-0000 03-004C-0019-0000 03-004D-0068-0000 03-004D-0044-0000 03-004D-0045-0000	Q101009000	Environmental Protection	Environmental Protection			
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04/05/2024

<p>35</p> <p>FK051503</p> <p>p/o 03-004C-0010-0000 03-004C-0010-0001</p> <p>Q100270000</p>	<p>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. CNG GAS COMPANY LLC DOMINION TRANSMISSION, INC. CNG GAS COMPANY LLC NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. CHARLES WOOFER AND M. WOOFER, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNG GAS COMPANY LLC DOMINION TRANSMISSION, INC. NOBLE ENERGY, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.</p>	<p>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. CNG GAS COMPANY LLC NOBLE ENERGY, INC. CNG GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNG GAS COMPANY LLC NOBLE ENERGY, INC. CNG GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC.</p>	<p>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 ASSIGNMENT MERGER/NAME CHANGE SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED 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</p>	<p>73 85 216 246 294 425 WVSOS WVSOS 672 684 712 848 717 722 WVSOS 723 734 736 58 294 425 WVSOS WVSOS 684 672 712 848 717 722 WVSOS 723 734 736 58 294 425 WVSOS WVSOS 684 672 712 848 717 722 WVSOS</p>	<p>318 141 185 192 89 127 154 57 848 1 170 499 558 220 718 89 127 154 57 848 1 170 499 558 220 718 89 127 154 57 848 1 170</p>
<p>36</p> <p>FK005931</p> <p>03-004C-0015-0000 03-004C-0015-0001</p> <p>Q100458000</p>	<p>W.C. CUMPTON AND MINA CUMPTON, HIS WIFE; G. W. WOOFER AND LUMMIE WOOFER, HIS WIFE; EMMA WOOFER, WIDOW; FREEDA JONES AND ARDREN JONES, HER HUSBAND; REESE WOOFER AND WILMA WOOFER, HIS WIFE; LAURA WOOFER, SINGLE, MARTHA MARSH AND K. B. MARSH, HER HUSBAND; MAMIE C. HUDKINS AND C. C. HUDKINS, HER HUSBAND; AND DOSIA HUDKINS (ALSO KNOWN AS DOTIA HUDKINS) AND FLORIS HUDKINS, HER HUSBAND RESERVE GAS COMPANY HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNG GAS COMPANY LLC DOMINION TRANSMISSION, INC. NOBLE ENERGY, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.</p>	<p>HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNG GAS COMPANY LLC NOBLE ENERGY, INC. CNG GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC.</p>	<p>THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED 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</p>	<p>734 736 722 WVSOS 723 734 736 58 294 425 WVSOS WVSOS 684 672 712 848 717 722 WVSOS 723 734 736 58 294 425 WVSOS WVSOS 684 672 712 848 717 722 WVSOS</p>	<p>558 220 499 558 220 718 89 127 154 57 848 1 170</p>
<p>38</p> <p>FK033068</p> <p>03-004C-0014-0000 03-004C-0014-0000</p> <p>Q100478000</p>	<p>RECEIVED Office of the State Gas MAR 18 2024 www.ohio.gov Department of Protection</p>	<p>RESERVE GAS COMPANY HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. CNG GAS COMPANY LLC NOBLE ENERGY, INC. CNG GAS COMPANY LLC AND NOBLE ENERGY, INC. NOBLE ENERGY, INC. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC.</p>	<p>NOT LESS THAN 1/8 CONFIRMATORY DEED 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</p>	<p>144 155 202 294 425 WVSOS WVSOS 672 684 712 848 717 722 WVSOS</p>	<p>564 202 89 127 154 57 848 1 170</p>

04/05/2024

	<p>DOMINION ENERGY TRANSMISSION, INC.</p> <p>DOMINION ENERGY TRANSMISSION, INC.</p> <p>DOMINION ENERGY TRANSMISSION, INC.</p> <p>A. H. KEMPER AND SARAH KEMPER, HIS WIFE</p> <p>E. W. BOYD</p> <p>S. E. BARRETT AND LOUIS BENNETT</p> <p>S. E. BARRETT AND LOUIS BENNETT</p> <p>S. E. BARRETT</p> <p>LOUIS BENNETT</p> <p>LOUIS BENNETT</p> <p>LEWIS OIL COMPANY</p> <p>LEWIS OIL COMPANY</p> <p>J. M. GUFFEY AND JOHN H. GALEY</p> <p>THE PHILADELPHIA COMPANY OF WEST VIRGINIA</p> <p>THE PHILADELPHIA COMPANY OF WEST VIRGINIA</p> <p>PITTSBURGH AND WEST VIRGINIA GAS COMPANY</p> <p>EQUITABLE GAS COMPANY AND PHILADELPHIA OIL COMPANY</p> <p>HOPE NATURAL GAS COMPANY</p> <p>CONSOLIDATED GAS SUPPLY CORPORATION</p> <p>CONSOLIDATED GAS TRANSMISSION CORPORATION</p> <p>CNG TRANSMISSION CORPORATION</p> <p>DOMINION TRANSMISSION, INC.</p> <p>CNX GAS COMPANY LLC</p> <p>DOMINION TRANSMISSION, INC.</p> <p>CNX GAS COMPANY LLC</p> <p>NOBLE ENERGY, INC.</p> <p>NOBLE ENERGY, INC.</p> <p>DOMINION TRANSMISSION, INC.</p> <p>DOMINION ENERGY TRANSMISSION, INC.</p>	<p>HG ENERGY II APPALACHIA, LLC</p> <p>HG ENERGY II APPALACHIA, LLC</p> <p>HG ENERGY II APPALACHIA, LLC</p> <p>E. W. BOYD</p> <p>S. E. BARRETT</p> <p>LEWIS OIL COMPANY</p> <p>LEWIS OIL COMPANY</p> <p>J. M. GUFFEY AND JOHN H. GALEY</p> <p>J. M. GUFFEY AND JOHN H. GALEY</p> <p>GRUDE OIL COMPANY</p> <p>J. M. GUFFEY AND JOHN H. GALEY</p> <p>J. M. GUFFEY AND JOHN H. GALEY</p> <p>THE PHILADELPHIA COMPANY</p> <p>PITTSBURGH AND WEST VIRGINIA GAS COMPANY</p> <p>PITTSBURGH AND WEST VIRGINIA GAS COMPANY</p> <p>EQUITABLE GAS COMPANY</p> <p>HOPE NATURAL GAS COMPANY</p> <p>CONSOLIDATED GAS SUPPLY CORPORATION</p> <p>CONSOLIDATED GAS TRANSMISSION CORPORATION</p> <p>CNG TRANSMISSION CORPORATION</p> <p>DOMINION TRANSMISSION, INC.</p> <p>CNX GAS COMPANY LLC</p> <p>NOBLE ENERGY, INC.</p> <p>NOBLE ENERGY, INC.</p> <p>HG ENERGY II APPALACHIA, LLC</p> <p>HG ENERGY II APPALACHIA, LLC</p>	<p>SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT</p> <p>THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT</p> <p>ASSIGNMENT (68%)</p> <p>NOT LESS THAN 1/8</p> <p>ASSIGNMENT</p> <p>DEED</p> <p>ASSIGNMENT</p> <p>DEED</p> <p>ASSIGNMENT</p> <p>DEED</p> <p>ASSIGNMENT</p> <p>ASSIGNMENT</p> <p>ASSIGNMENT</p> <p>ASSIGNMENT</p> <p>ASSIGNMENT</p> <p>DEED</p> <p>ASSIGNMENT</p> <p>CONFIRMATORY DEED</p> <p>ASSIGNMENT</p> <p>MERGER/NAME CHANGE</p> <p>MEMORANDUM OF FARMOUT AGREEMENT</p> <p>LIMITED PARTIAL ASSIGNMENT (50%)</p> <p>PARTIAL ASSIGNMENT (32%)</p> <p>ASSIGNMENT</p> <p>MERGER/NAME CHANGE</p> <p>SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT</p> <p>ASSIGNMENT (68%)</p>	<p>723</p> <p>734</p> <p>736</p> <p>35</p> <p>30</p> <p>36</p> <p>36</p> <p>44</p> <p>44</p> <p>92</p> <p>44</p> <p>46</p> <p>44</p> <p>125</p> <p>125</p> <p>246</p> <p>246</p> <p>294</p> <p>425</p> <p>672</p> <p>684</p> <p>712</p> <p>717</p> <p>722</p> <p>723</p> <p>734</p> <p>736</p> <p>71</p> <p>73</p> <p>73</p> <p>294</p> <p>425</p> <p>51</p> <p>9</p> <p>672</p> <p>684</p> <p>712</p> <p>717</p> <p>722</p> <p>723</p> <p>734</p> <p>736</p> <p>233</p> <p>494</p> <p>494</p> <p>68</p> <p>89</p> <p>127</p> <p>795</p> <p>628</p> <p>154</p> <p>57</p> <p>848</p> <p>1</p> <p>170</p> <p>WVSOS</p> <p>WVSOS</p> <p>499</p> <p>558</p> <p>220</p> <p>71</p> <p>73</p> <p>73</p> <p>294</p> <p>425</p> <p>51</p> <p>9</p> <p>672</p> <p>684</p> <p>712</p> <p>717</p> <p>722</p> <p>723</p> <p>734</p> <p>736</p> <p>233</p> <p>494</p> <p>494</p> <p>68</p> <p>89</p> <p>127</p> <p>795</p> <p>628</p> <p>154</p> <p>57</p> <p>848</p> <p>1</p> <p>170</p> <p>WVSOS</p> <p>WVSOS</p> <p>499</p>
<p>65</p> <p>FK051504</p> <p>FEHGH10442</p> <p>03-004C-0012-0000</p> <p>03-004C-0013-0000</p> <p>03-004C-0013-0001</p> <p>Q100428000</p>	<p>RECEIVED Office of Oil and Gas MAR 18 2024 Virginia Department of Environmental Protection</p>	<p>DOMINION ENERGY TRANSMISSION, INC.</p> <p>DOMINION ENERGY TRANSMISSION, INC.</p> <p>FRANCES E. STRALEY, WIDOW; FRANCES STRALEY; T. L. STRALEY; A. F. STRALEY AND ELLA STRALEY, HIS WIFE; W. L. RIFFEE AND OLIVE RIFFEE, HIS WIFE; M. J. LOVETT; AND M. J. LOVETT, GUARDIAN OF ZINA LOVETT, AN INFANT</p> <p>J. A. CHITTUM</p> <p>L. M. HOGE</p> <p>THE WHEELING NATURAL GAS COMPANY</p> <p>HOPE NATURAL GAS COMPANY</p> <p>CONSOLIDATED GAS SUPPLY CORPORATION</p> <p>CONSOLIDATED GAS TRANSMISSION CORPORATION</p> <p>CNG TRANSMISSION CORPORATION</p> <p>DOMINION TRANSMISSION, INC.</p> <p>DOMINION TRANSMISSION, INC.</p> <p>NOBLE ENERGY, INC.</p> <p>NOBLE ENERGY, INC.</p> <p>DOMINION TRANSMISSION, INC.</p> <p>DOMINION ENERGY TRANSMISSION, INC.</p>	<p>HG ENERGY II APPALACHIA, LLC</p> <p>HG ENERGY II APPALACHIA, LLC</p> <p>HG ENERGY II APPALACHIA, LLC</p> <p>J. A. CHITTUM</p> <p>L. M. HOGE</p> <p>THE WHEELING NATURAL GAS COMPANY</p> <p>HOPE NATURAL GAS COMPANY</p> <p>CONSOLIDATED GAS SUPPLY CORPORATION</p> <p>CONSOLIDATED GAS TRANSMISSION CORPORATION</p> <p>CNG TRANSMISSION CORPORATION</p> <p>DOMINION TRANSMISSION, INC.</p> <p>DOMINION TRANSMISSION, INC.</p> <p>NOBLE ENERGY, INC.</p> <p>NOBLE ENERGY, INC.</p> <p>HG ENERGY II APPALACHIA, LLC</p> <p>HG ENERGY II APPALACHIA, LLC</p>	<p>NOT LESS THAN 1/8</p> <p>ASSIGNMENT</p> <p>ASSIGNMENT</p> <p>CONFIRMATORY DEED</p> <p>MERGER/NAME CHANGE</p> <p>MEMORANDUM OF FARMOUT AGREEMENT</p> <p>LIMITED PARTIAL ASSIGNMENT (50%)</p> <p>PARTIAL ASSIGNMENT (32%)</p> <p>ASSIGNMENT</p> <p>MERGER/NAME CHANGE</p> <p>SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT</p> <p>ASSIGNMENT (68%)</p>
<p>41</p> <p>FK021727</p> <p>FEHGH10021</p> <p>03-004B-0015-0000</p> <p>Q100372000</p>	<p>DOMINION ENERGY TRANSMISSION, INC.</p>	<p>HG ENERGY II APPALACHIA, LLC</p>	<p>SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT</p>	<p>723</p> <p>499</p>

				DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. J. A. RIFFEE AND DORIS RIFFEE, HIS WIFE; PAULINE RIFFEE FURBEE, THE WIFE OF W. E. FURBEE; PAULINE RIFFEE FURBEE, GUARDIAN FOR MADELINE RIFFEE; WILLA GENE RIFFEE AND ANNA BELLE RIFFEE, INFANTS	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC RESERVE GAS 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. NOBLE ENERGY, INC. NOBLE ENERGY, INC. DOMINION TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. CHARLES E. GUM, SINGLE 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. NOBLE ENERGY, INC. NOBLE ENERGY, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. CHARLES E. GUM, SINGLE GUFFEY OIL AND GAS ROYALTIES INC 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 HOPE NATURAL 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. HG ENERGY II APPALACHIA, LLC DOMINION ENERGY TRANSMISSION, INC. HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 MERGER/NAME CHANGE CONFIRMATORY DEED ASSIGNMENT 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 THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT 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	734 736 144 155 294 425 9 672 684 712 717 722 723 734 736 142 294 425 WWSOS WWSOS WWSOS 628 154 57 848 1 170 WWSOS 723 499 723 734 736 142 294 425 WWSOS WWSOS WWSOS 672 684 712 717 722 WWSOS 723 499 734 736 142 144 294 425 WWSOS 672 684 712 717 WWSOS 723 499	558 220 398 202 89 127 628 154 57 848 1 170 499 558 220 271 89 127 154 57 848 1 170 499 558 220 271 89 127 154 57 848 1 170 499	
42	FK033033	03-004B-0014-0001 03-004B-0014-0002 p/c 03-004B-0014-0000	Q100668000						
67	FK047027	p/c 03-004B-0006-0000	Q100912000						
43	FK047028	p/c 03-004B-0006-0000	Q101013000						

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04/05/2024

52	FK068167 FK062653	p/o 03-004A-0010-0000	Q100449000 Q100358000	DELPHIA GARRETT AND C. M. GARRETT, HER HUSBAND; LINA HITT, MARRIED AND LIVING SEPARATE AND APART FROM HER HUSBAND; AND A. C. TAYLOR AND ELIZABETH TAYLOR, 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 DOMINION TRANSMISSION, INC. NOBLE ENERGY, INC. NOBLE ENERGY, INC. DOMINON TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. The C. M. Garrett Trust	HOPE NATURAL 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. HG ENERGY II APPALACHIA, LLC 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 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 HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8 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 THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT FARMOUT AGREEMENT ASSIGNMENT (68%)	215 254 294 425 WSOS 9 672 684 712 717 722 WSOS 723 734 736	255 121 89 127 471 154 57 848 1 170 499 558 220
68		p/o 03-004A-0010-0000	HG102102 HG102103	Michael F. Tierney, Jr. Michael F. Tierney, Jr. and Marjorie L. Tierney, husband and wife, JTWROS Michael F. Tierney III Michael Patrick McGuigan Barbara D. March AKA Barbara Danek Janet M. Danek Mary Danek CNX Gas Company, LLC Mary Ellen Hitt David Neil Hitt HG Energy LLC Edward E. Garrett Bruce Hall Garrett, Trustee, and Ted Garrett, Successor Trustee, FBO Bruce H. Garrett, John T. Garrett, and Melinda Bailey CNX Gas Company "Unknown heirs of George W. Titus c/o Patricia Miller"	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8 NOT LESS THAN 1/8	795 778 778 778 780 794 795 793 799 802 802 805 795 795 795 517	233 585 585 585 293 462 801 939 407 407 105 237 227 357
69	HG102884 et al	p/o 03-004A-0009-0000	HG102884 et al	EDGAR DAVISSON AND MARGARET DAVISSON, HIS WIFE, AND J. R. FLINT AND A. J. FLINT, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG DEVELOPMENT COMPANY CNG PRODUCING COMPANY DOMINION EXPLORATION & PRODUCTION INC, DOMINION TRANSMISSION INC, AND DOMINION APPALACHIAN DEVELOPMENT LLC	HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG DEVELOPMENT COMPANY CNG PRODUCING COMPANY DOMINION EXPLORATION & PRODUCTION INC ANTERO RESOURCES APPALACHIAN CORPORATION ANTERO RESOURCES CORPORATION	NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE MERGER/NAME CHANGE	28 143 135 139 DESOS WSOS	27 345 583 41
84	ARC???	04-0017-0007-0000 04-0017-0008-0000 04-0017-0008-0001	ARC???	ANTERO RESOURCES APPALACHIAN CORPORATION ANTERO RESOURCES CORPORATION HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE MEMORANDUM OF FARMOUT AGREEMENT MERGER/NAME CHANGE HDO - Hearing Scheduled for March 25, 2024	230 46 DOCKET 341	113 523 CAUSE 370	

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NV Department of
Environmental Protection



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 57th Street
Charleston, West Virginia 25304

*CR# 42680
7500.00
EHP Permit Mod*

RE: Winans 1216 N-1H Drill Permit Revision Request – (47-041-05753)
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-1H well work permit revision request. We ask the permit be modified to reflect the revised lateral.

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

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Ken Greynolds – WV DEP State Inspector

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Environmental Protection

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