



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, December 15, 2020
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD
PARKERSBURG, WV 26101

Re: Permit Modification Approval for MCDONALD 1211 S-8H
47-041-05705-00-00

Extend Lateral, Total Measured Depth 12152' to 20521'. Updated Leases and Mylar Plat.

HG ENERGY II APPALACHIA, LLC

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

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

James A. Martin
Chief

Operator's Well Number: MCDONALD 1211 S-8H
Farm Name: HG ENERGY II APPALACHIA, LLC
U.S. WELL NUMBER: 47-041-05705-00-00
Horizontal 6A New Drill
Date Modification Issued: 12/15/2020

Promoting a healthy environment.

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

1) Well Operator: HG Energy II Appalachia, L.P. 494519932 Lewis Freeman West Milford 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: McDonald 1211 S-8H Well Pad Name: McDonald 1211

3) Farm Name/Surface Owner: McDonald Public Road Access: SR 19

4) Elevation, current ground: 1280' Elevation, proposed post-construction: 1264.5'

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 6753'/6835' and 82' in thickness. Anticipated pressure at 4314#.

8) Proposed Total Vertical Depth: 6800'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 27,897'

11) Proposed Horizontal Leg Length: 20,521'

12) Approximate Fresh Water Strata Depths: 34', 107', 205', 229', 249'

13) Method to Determine Fresh Water Depths: Nearest offset well data, (47-041-5128, 3938, 4929)

14) Approximate Saltwater Depths: 1299', 1675'

15) Approximate Coal Seam Depths: 810' to 815'

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: _____

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B.S. 10-29-20

WW-6B
(04/15)

4704105705
API NO. 47-
OPERATOR WELL NO. McDonald 1211 S-8H
Well Pad Name: McDonald 1211

18)

CASING AND TUBING PROGRAM

TYPE	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	30"	New	LS	157.5	120'	120'	Drilled In
Fresh Water/Coal	20"	NEW	J-55	94	1000'	1000'	CTS
Intermediate 1	13 3/8"	NEW	J-55 BTC	68	2040'	2040'	CTS
Intermediate 2	9 5/8"	NEW	J-55 BTC	40	2750'	2750'	CTS
Production	5 1/2"	NEW	P-110 HP	23	27897'	27897'	CTS
Tubing							
Liners							

TYPE	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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	3950		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 = 1.19, tail yield 1
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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B.S. 10-29-20

WW-6B
(10/14)

API NO. 47- **4704105705**
OPERATOR WELL NO. McDonald 1211 S-8H
Well Pad Name: McDonald 1211

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 6800 feet. Drill horizontal leg to estimated 20,521' lateral length, 27,897' 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): 22.75 acres

22) Area to be disturbed for well pad only, less access road (acres): 7.31 acres

23) Describe centralizer placement for each casing string:

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

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

Conductor -NA, Casing to be drilled in w/ Dual Rotary Rig.
Fresh Water/Coal - 15.6 ppg PNE-1 + 3% bwoc CaCl, 40% Excess Yield = 1.20, CTS
Intermediate 1 - Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl, 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess, CTS
Intermediate 2 - Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl, 40% Excess, Tail: 15.9 ppg, PNE-1 + 2.5% bwoc CaCl, zero% Excess, CTS
Production - Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170, Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess, Lead Yield=1.19, Tail Yield=1.94, CTS

25) Proposed borehole conditioning procedures:

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

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*Note: Attach additional sheets as needed.



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1211 S-8H 4704105705
 Marcellus Shale Horizontal
 Lewis County, WV

Ground Elevation			1265.5'			1211 S-8H SHL			14211848.47N 1789505.72E		
Azim			159.804 / 160.615°			1211 S-8H LP			14211193.61N 1788690.26E		
WELLBORE DIAGRAM			159.804 / 160.615°			1211 S-8H BHL			14191860.71N 1795545.45E		
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	205	AIR	15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS	Centralized every 3 joints to surface	Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.	Surface casing = 0.438" wall thickness Burst=2110 psi	
			Kittaning Coal	919	924						
			Fresh Water Protection	0	1000						
	17.5"	13-3/8" 68# J-55 BTC	Big Lime	1480	1545	AIR / KCL Salt Polymer	Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess, CTS	Bow Spring on every joint <i>*will also be running ACP for isolating storage zone*</i>	Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.480" wall thickness Burst=3450 psi	
			Injun / Gantz (Storage)	1545 / 1830	1650 / 1890						
			Intermediate 1	0	2040						
	12.25"	9-5/8" 40# J-55 BTC	Fifty / Thirty Foot	1940 / 2037	1965 / 2060	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=3950 psi	
			Gordon Stray / Gordon	2060 / 2130	2130 / 2220						
			5th Sand	2320	2360						
			Bayard Sand	2405	2420						
	8.5" Vertical	5-1/2" 23# P-110 HP CDC HTQ	Speechley	3025	3041	AIR / 9.0ppg SOBM	Lead: 14.5 ppg POZ.PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170 Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess Lead Yield=1.19 Tail Yield=1.94 CTS	Run 1 spiral centralizer every 5 joints from the top of the curve to surface.	Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.	Production casing = 0.415" wall thickness Burst=16240 psi Note:Actual centralizer schedules may be changed due to hole conditions	
			Balltown	3250	3290						
			Benson	4340	4350						
	8.5" Curve		Rhinestreet	6107	6377	11.5ppg-12.5ppg SOBM					
Cashaqua			6377	6477							
Middlesex			6477	6509							
West River			6509	6580							
Burkett			6580	6590							
Tully Limestone			6590	6698							
8.5" Lateral	Hamilton		6698	6753	11.5ppg-12.5ppg SOBM						
	Marcellus		6753	6835							
	TMD / TVD (Production)		27897	6800							
	Onondaga		6835								

LP @ 6800' TVD / 7376' MD

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

+/-20521' ft Lateral

TD @ +/-6800' TVD
+/-27897' MD

X=centralizers

**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 **

**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: Agent

HG Energy II
Appalachia, LLC
Well No. McDonald
1211 S-8H MOD



Page 1 of 4

10,462' to Bottom Hole

4,557' to Top Hole

BTM LATITUDE 39 - 05 - 00
TOP LATITUDE 39 - 10 - 00

TOP LONGITUDE 80 - 27 - 30 - 00
BTM LONGITUDE 80 - 25 - 00 - 00

1,605' to Bottom Hole

11,922' to Top Hole

Notes:
Well No. McDonald 1211 S-8H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°08'02.12" Latitude: 39°04'44.14"
Longitude: 80°28'27.88" Longitude: 80°27'12.71"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,331,780.077m N: 4,325,687.800m
E: 545,442.434m E: 547,283.350m
Plat orientation and corner and well references are
based upon the grid north meridian.
Well location references are based upon the magnetic
meridian.

Notes:
Well No. 1211 S-8H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,211,848.47'
E: 1,789,505.72'
Landing Point Coordinates
N: 14,211,193.61'
E: 1,788,690.26'
Deflection Point Coordinates
N: 14,207,909.44'
E: 1,789,898.37'
Bottom Hole Coordinates
N: 14,191,860.71'
E: 1,795,545.45'

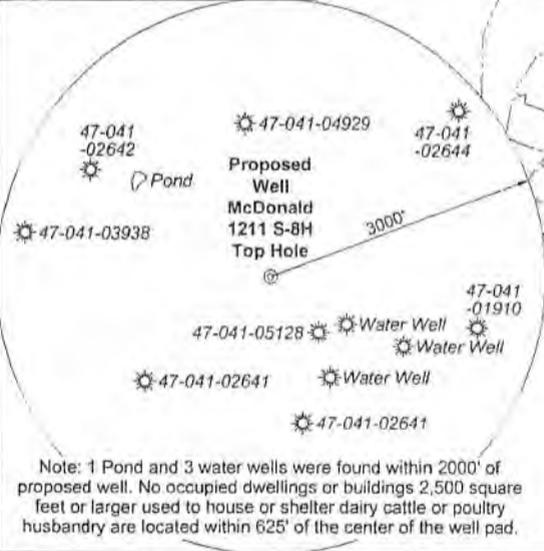
I, the undersigned, hereby certify
that this plat is correct to the best
of my knowledge and belief and
shows all the information required
by law and the rules issued and
prescribed by the Department of
Environmental Protection.

Dwayne D. Matheny, P.S. 2070

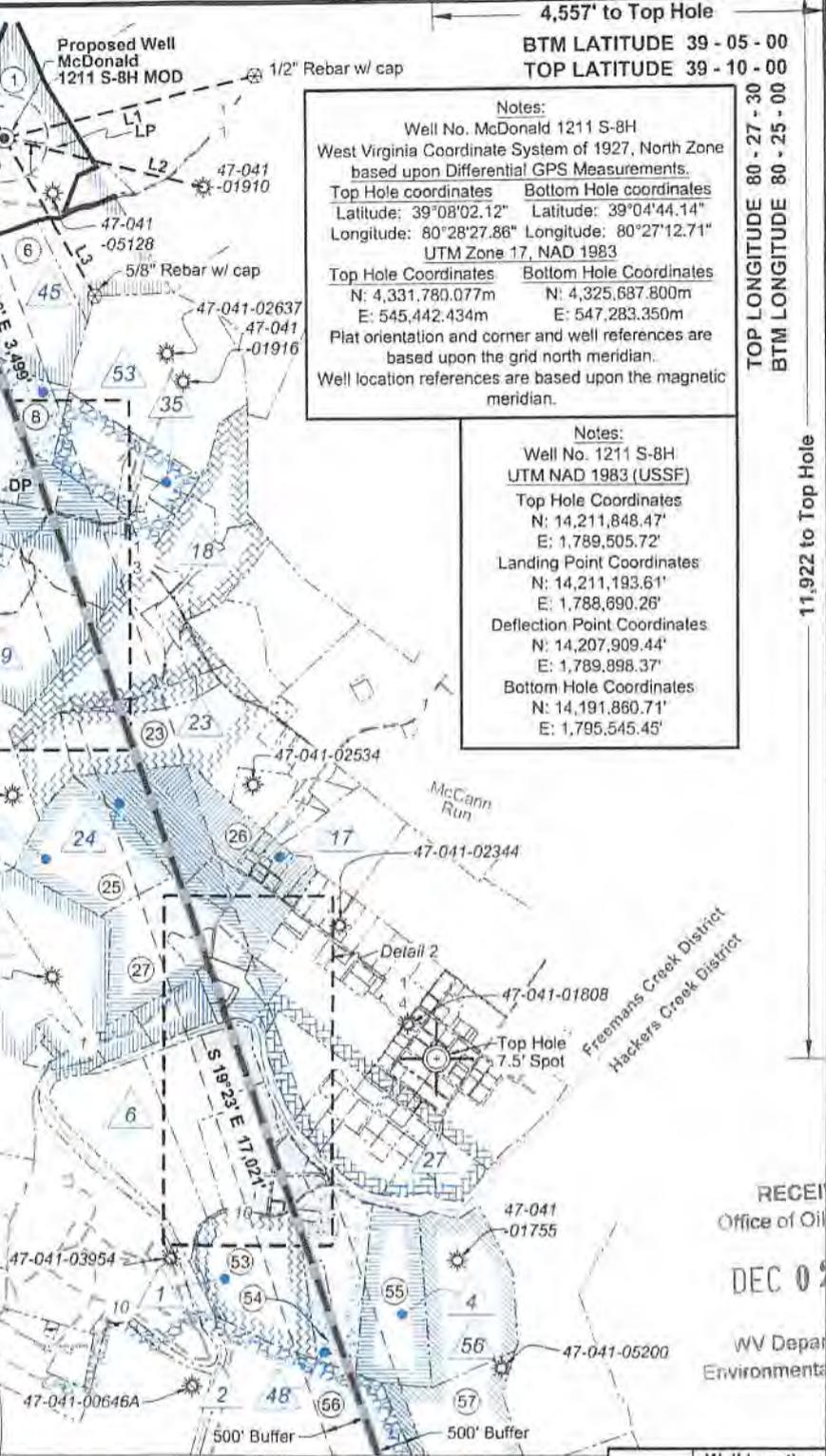


SEAL

GRID NORTH



Note: 1 Pond and 3 water wells were found within 2000' 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.



Tag	Bearing	Dist.
L1	S 76°34' W	2,957.8'
L2	N 75°40' W	2,349.3'
L3	N 29°34' W	2,079.1'
L4	N 46°08' E	1,190.8'
L5	S 51°14' W	1,045.9'



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FILE NO: 79-36-12-U-F-18
DRAWING NO: McDonald 1211 S-8H 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: October 20 2020
OPERATOR'S WELL NO. McDonald 1211 S-8H
API WELL NO
47 - 041 - 05705
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek TH - West Milford
DISTRICT: Freemans Creek QUADRANGLE: BH - Weston
SURFACE OWNER: HG Energy II Appalachia, LLC COUNTY: Lewis
ROYALTY OWNER: Mary E. Post, et al, et al LEASE NO: ACREAGE: 61.50
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BH ACREAGE: 145.00
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,897' MD 6,800' TVD

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

**HG Energy II
Appalachia, LLC
Well No. McDonald
1211 S-8H MOD**



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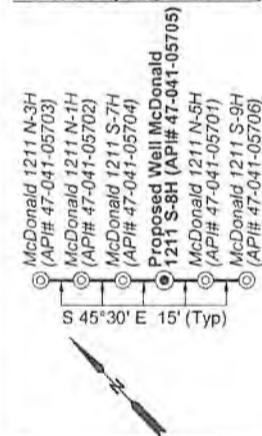
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ID	Lease
1	Juliet P. Hayes
2	Prudence M. O'hara, et al
4	Lucille Hays
6	Mary E. Clark, et vir
7	W A. Chittum, et al
10	J.L. Post, et al
12	G.C. Smith
13	Bertha H. Nay, et al
16	P.C. Allman, et al
17	Maggie Cottrill
18	Cordelia Bailey
23	C. Burke Morris, et al
24	A.B. College Inc.
27	E.R. Bennett, et al
35	Jesse Leeson, et al
39	Cyrus W. Smith, et al
45	Mary E. Post, et al
48	David Hays, et al
48.1	Carol Trefz Smith & James Alonzo Smith
53	HG Energy II Appalachia, LLC
54	HG Energy II Appalachia, LLC
56	Mary J. Hayes
58	A.W. Woodford, et al

Wellhead Layout (Not to Scale)



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

FILE NO: 79-36-12-U-F-18
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Submeter
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DISTRICT: Freemans Creek

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ROYALTY OWNER: Mary E. Post, et al, et al

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DESIGNATED AGENT: Diane C. White
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TH - West Milford
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COUNTY: Lewis
ACREAGE: 61.50

LEASE NO: ACREAGE: 145.00

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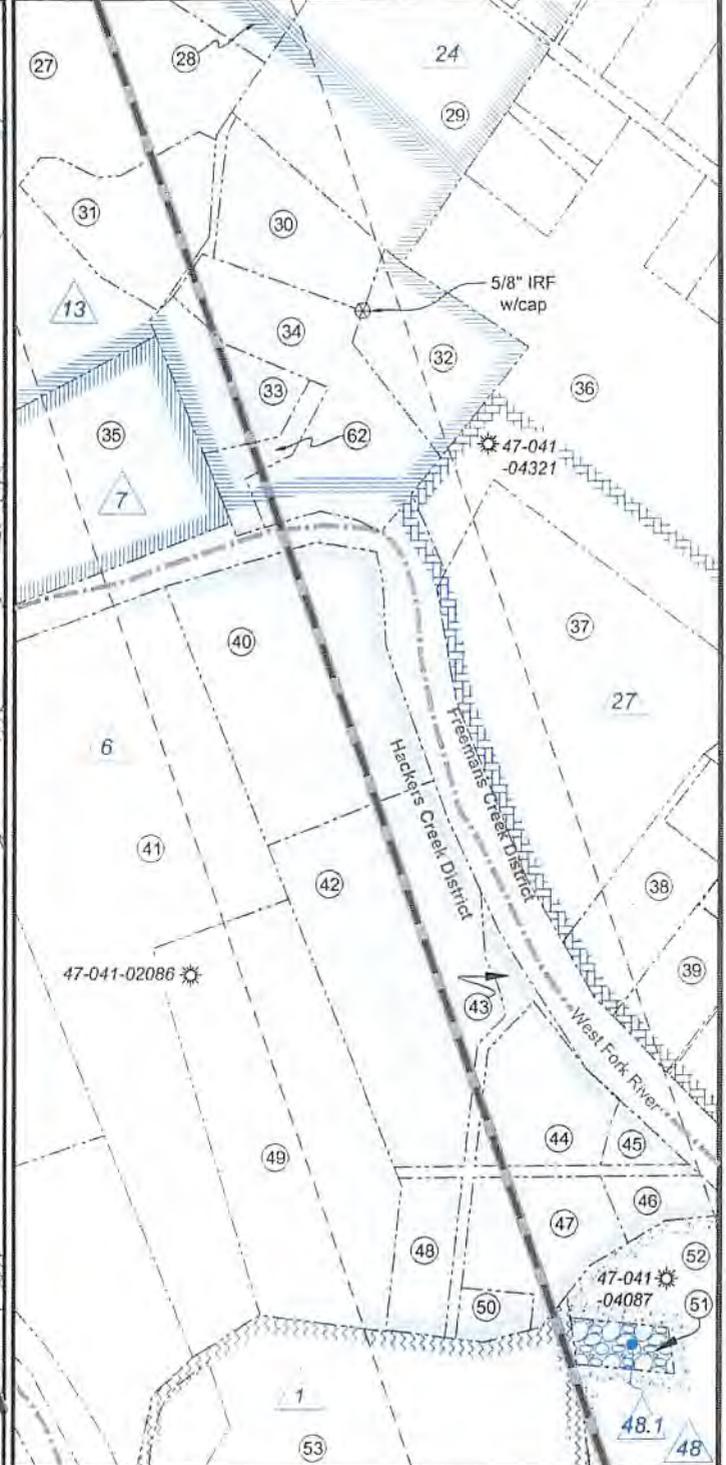
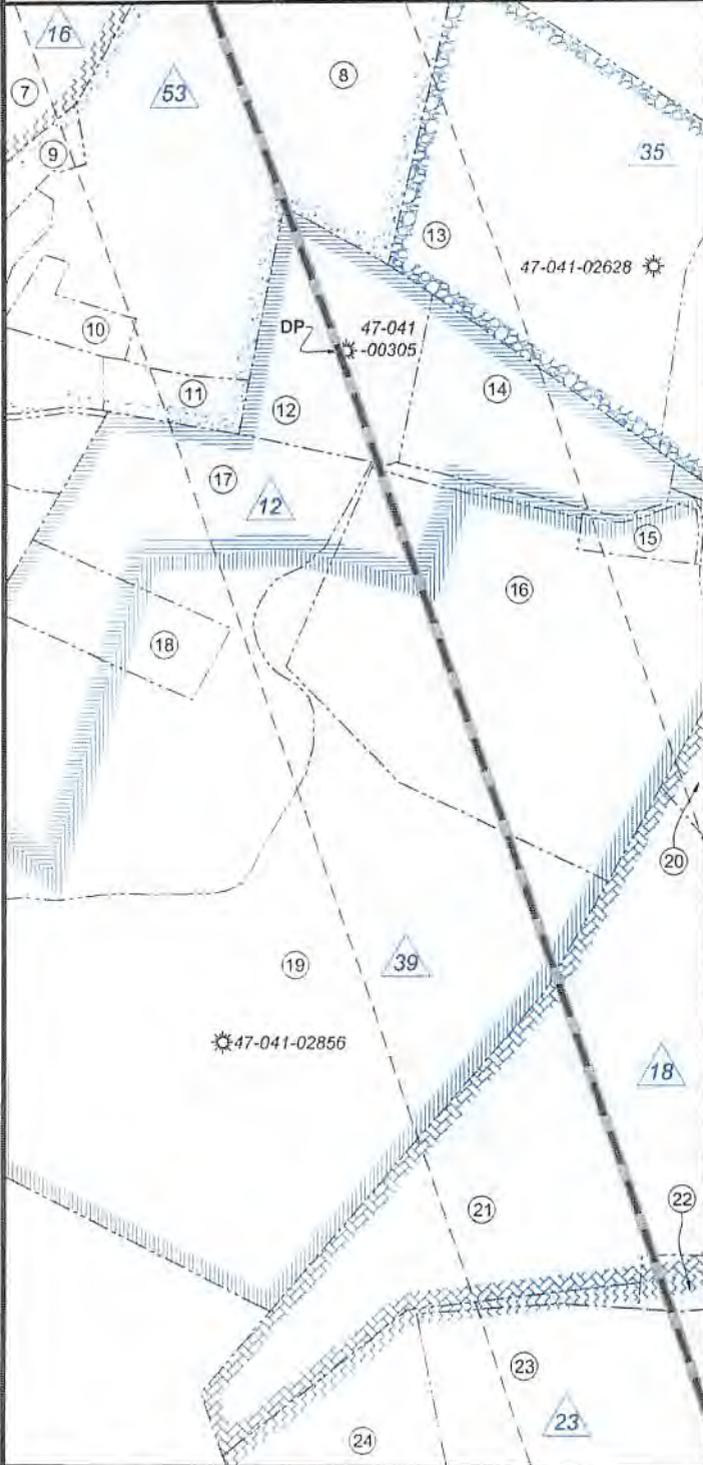
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Detail 1 - Scale: 1" = 500'

Detail 2 - Scale: 1" = 500'



FILE NO: 79-36-12-U-F-18
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MINIMUM DEGREE OF ACCURACY:
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Parkersburg, WV 26101

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



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No.	TM / Par	Owner	Bk / Pg	Ac.
1	7B / 10	HG Energy II Appalachia, LLC	730 / 677	61.50
2	7B / 9	Brincefield Family Trust	588 / 740	56.76
3	6B / 41	Brincefield Family Trust	588 / 740	71.62
4	7B / 9.2	Brincefield Family Trust	588 / 740	10.51
5	7B / 9.1	Frank McDonald	479 / 8	3.73
6	7B / 11	HG Energy II Appalachia LLC	730 / 677	54.50
7	6B / 47	Michael A. & Christine A. Cutlip	648 / 51	71.00
8	7C / 1	Troy D. Wilsoncroft	724 / 241	22.76
9	7C / 1.2	Timothy J. & Tawney A. Wyatt	509 / 18	0.77
10	7C / 1.4	Joyce Lea Williams, et al	638 / 86	1.11
11	7C / 2	Jane E. Horn	F30 / 607	1.19
12	7C / 6	Beverly Ann Beam	W33 / 295	5.66
13	7C / 32	Kelvin G. & Trent M. Williston	673 / 669	16.08
14	7C / 30.5	Timothy E. Beam	537 / 254	5.32
15	7C / 31	Francis C. Smith	488 / 376	0.75
16	7C / 30	Bette Gerath	W20 / 230	19.16
17	7C / 6.3	Clinton C. & Gerilyn H. Beam	636 / 200	19.33
18	7C / 6.1	Clinton C. & Gerilyn H. Beam	556 / 174	3.00
19	7C / 6.2	Bette Gerath	W20 / 230	36.15
20	7C / 30.8	Russell E. & Catherine F. Kerns	652 / 128	4.75
21	7C / 29	Betsy L. & Miquel A. Rodriguez	717 / 329	24.43
22	7C / 29.1	Daniel L. Truman	712 / 544	4.82
23	7C / 26.1	Charles D. & Linda Bailey	653 / 713	42.15
24	7C / 8	Bette Gerath	W20 / 230	20.00
25	7C / 22	Fred Allen Bailey	452 / 268	35.35
26	7C / 25	Fred Allen Bailey	452 / 268	32.27
27	7C / 22.2	William B. Williams II	593 / 139	28.69
28	7C / 23	Fred Allen Bailey	452 / 268	6.02
29	7C / 51	Nathan King	720 / 789	9.75
30	7C / 21	Michael S. & Mary Beth Furby	593 / 248	3.00
31	7C / 22.1	Allen B. Jerden	301 / 77	3.35

No.	TM / Par	Owner	Bk / Pg	Ac.
32	7C / 20.1	Daniel R. & Gienna M. Johnston	726 / 830	3.00
33	7C / 20.2	Timothy P. & Glenda R. Weber	603 / 649	2.10
34	7C / 20	Edward W. Holden	726 / 826	5.20
35	7C / 19	Nina R. Chapman, et al	665 / 345	9.11
36	7C / 53.4	Jeremy & Jenny L. Garton	532 / 665	37.21
37	7C / 52.7	Jeremy & Jenny L. Garton	549 / 373	14.03
38	7D / 59	Jeremy & Jenny L. Garton	586 / 138	2.58
39	7D / 54	Joseph & Malissa Miller	584 / 422	1.91
40	7C / 2	James A. & Carol Trefz Smith	343 / 62	9.60
41	7D / 2	Donna M. & Aubrey E. Smith, Jr.	677 / 726	20.25
42	7D / 60	John & Phylis Porterfield	427 / 687	10.00
43	7D / 61	John & Phylis Porterfield	427 / 687	0.46
44	7D / 17	Tyrone D. & Amy B. Campbell	584 / 543	2.73
45	7D / 18	John & Phylis Porterfield	427 / 691	0.58
46	7D / 21	Tyrone D. & Amy B. Campbell	597 / 615	0.67
47	7D / 19	John & Phylis Porterfield	427 / 691	2.50
48	7D / 15	John & Phylis Porterfield	427 / 691	1.57
49	7D / 16	Ricky W. & Kristine L. Frame	670 / 717	10.75
50	7D / 14	John & Phylis Porterfield	427 / 691	0.47
51	7D / 20	James A. & Carol Trefz Smith	343 / 62	0.74
52	7D / 12	James A. & Carol Trefz Smith	343 / 62	28.68
53	7D / 13	Christine G. & Paul R. Myers	657 / 110	33.36
54	7D / 12.1	Randall D. & Leanna M. Louk	575 / 73	7.21
55	7D / 11	Ricky W. Frame	677 / 723	31.50
56	7D / 5	WVU Board of Governors	584 / 524	323.00
57	7D / 10	Tamela B. Smith, et al	452 / 311	40.00
58	7D / 9.3	Swisher LLC	739 / 833	473.38
59	7E / 29	John K. & Susan D. Butcher	732 / 259	40.97
60	7E / 30	J. Bean Nicholson	509 / 215	61.17
61	7D / 9.1	Deerfield Country Club, Inc.	359 / 409	98.83
62	7C / 20.3	Timothy P. & Glenda R. Weber	726 / 833	0.90

FILE NO: 79-36-12-U-F-18
DRAWING NO: McDonald 1211 S-8H 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: October 20 2020
OPERATOR'S WELL NO. McDonald 1211 S-8H
API WELL NO
47 - 041 - 05705
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

SURFACE OWNER: HG Energy II Appalachia, LLC

ROYALTY OWNER: Mary E. Post, et al, et al

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,897' MD 6,800' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

TH - West Milford
QUADRANGLE: BH - Weston
COUNTY: Lewis
ACREAGE: 61.50

LEASE NO: ACREAGE: 145.00

HG Energy II
Appalachia, LLC
Well No. McDonald
1211 S-8H MOD

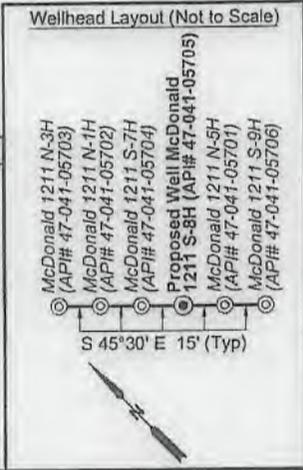


Page 2 of 4



ID	Lease
1	Juliet P. Hayes
2	Prudence M. O'hara, et al
4	Lucille Hays
6	Mary E. Clark, et vir
7	W.A. Chittum, et al
10	J.L. Post, et al
12	G.C. Smith
13	Bertha H. Nay, et al
16	P.C. Allman, et al
17	Maggie Cottrill
18	Cordelia Bailey
23	C. Burke Morris, et al
24	A.B. College Inc.
27	E.R. Bennett, et al
35	Jesse Leeson, et al
39	Cyrus W. Smith, et al
45	Mary E. Post, et al
48	David Hays, et al
48.1	Carol Trefz Smith & James Alonzo Smith
53	HG Energy II Appalachia, LLC
54	HG Energy II Appalachia, LLC
56	Mary J. Hayes
58	A.W. Woodford, et al

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



FILE NO: 79-36-12-U-F-18
DRAWING NO: McDonald 1211 S-8H 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: October 20 2020
OPERATOR'S WELL NO. McDonald 1211 S-8H
API WELL NO **MOD**
47 - 041 - 05705
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek TH - West Milford
DISTRICT: Freemans Creek QUADRANGLE: BH - Weston
SURFACE OWNER: HG Energy II Appalachia, LLC COUNTY: Lewis
ROYALTY OWNER: Mary E. Post, et al, et al LEASE NO: _____ ACREAGE: 145.00
ACREAGE: 61.50

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BH 6,800' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,897' MD

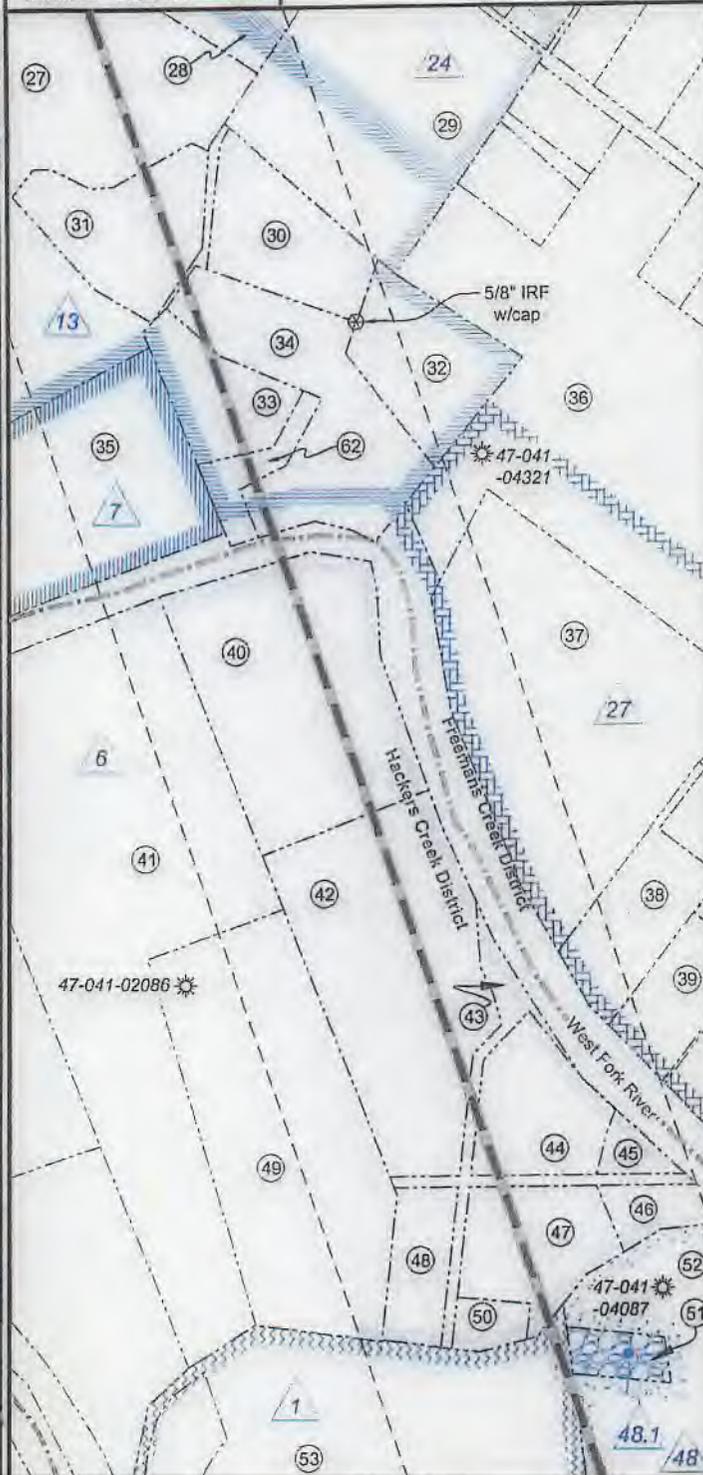
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



Detail 1 - Scale: 1" = 500'



Detail 2 - Scale: 1" = 500'



FILE NO: 79-36-12-U-F-18
DRAWING NO: McDonald 1211 S-8H 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: October 20 2020
OPERATOR'S WELL NO. McDonald 1211 S-8H
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47 - 041 - 05705
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

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PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BH 6,800' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,897' MD

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DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101

TH - West Milford
QUADRANGLE: BH - Weston
COUNTY: Lewis
ACREAGE: 61.50

ACREAGE: 145.00



No.	TM / Par	Owner	Bk / Pg	Ac.
1	7B / 10	HG Energy II Appalachia, LLC	730 / 677	61.50
2	7B / 9	Brincefield Family Trust	588 / 740	56.76
3	6B / 41	Brincefield Family Trust	588 / 740	71.62
4	7B / 9.2	Brincefield Family Trust	588 / 740	10.51
5	7B / 9.1	Frank McDonald	479 / 8	3.73
6	7B / 11	HG Energy II Appalachia LLC	730 / 677	54.50
7	6B / 47	Michael A. & Christine A. Cullip	648 / 51	71.00
8	7C / 1	Troy D. Wilsoncroft	724 / 241	22.76
9	7C / 1.2	Timothy J. & Tawney A. Wyatt	509 / 18	0.77
10	7C / 1.4	Joyce Lea Williams, et al	638 / 86	1.11
11	7C / 2	Jane E. Horn	F30 / 607	1.19
12	7C / 6	Beverly Ann Beam	W33 / 295	5.66
13	7C / 32	Kelvin G. & Trent M. Williston	673 / 669	16.08
14	7C / 30.5	Timothy E. Beam	537 / 254	5.32
15	7C / 31	Francis C. Smith	488 / 376	0.75
16	7C / 30	Bette Gerath	W20 / 230	19.16
17	7C / 6.3	Clinton C. & Gerilyn H. Beam	636 / 200	19.33
18	7C / 6.1	Clinton C. & Gerilyn H. Beam	556 / 174	3.00
19	7C / 6.2	Bette Gerath	W20 / 230	36.15
20	7C / 30.8	Russell E. & Catherine F. Kerns	652 / 128	4.75
21	7C / 29	Betsy L. & Miquel A. Rodriguez	717 / 329	24.43
22	7C / 29.1	Daniel L. Truman	712 / 544	4.82
23	7C / 26.1	Charles D. & Linda Bailey	653 / 713	42.15
24	7C / 8	Bette Gerath	W20 / 230	20.00
25	7C / 22	Fred Allen Bailey	452 / 268	35.35
26	7C / 25	Fred Allen Bailey	452 / 268	32.27
27	7C / 22.2	William B. Williams II	693 / 139	28.69
28	7C / 23	Fred Allen Bailey	452 / 268	6.02
29	7C / 51	Nathan King	720 / 789	9.75
30	7C / 21	Michael S. & Mary Beth Furby	593 / 248	3.00
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No.	TM / Par	Owner	Bk / Pg	Ac.
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35	7C / 19	Nina R. Chapman, et al	665 / 345	9.11
36	7C / 53.4	Jeremy & Jenny L. Garton	532 / 665	37.21
37	7C / 52.7	Jeremy & Jenny L. Garton	549 / 373	14.03
38	7D / 59	Jeremy & Jenny L. Garton	586 / 138	2.58
39	7D / 54	Joseph & Malissa Miller	584 / 422	1.91
40	7C / 2	James A. & Carol Trefz Smith	343 / 62	9.60
41	7D / 2	Donna M. & Aubrey E. Smith, Jr.	677 / 726	20.25
42	7D / 60	John & Phylis Porterfield	427 / 687	10.00
43	7D / 61	John & Phylis Porterfield	427 / 687	0.46
44	7D / 17	Tyrone D. & Amy B. Campbell	584 / 543	2.73
45	7D / 18	John & Phylis Porterfield	427 / 691	0.58
46	7D / 21	Tyrone D. & Amy B. Campbell	597 / 615	0.67
47	7D / 19	John & Phylis Porterfield	427 / 691	2.50
48	7D / 15	John & Phylis Porterfield	427 / 691	1.57
49	7D / 16	Ricky W. & Kristine L. Frame	670 / 717	10.75
50	7D / 14	John & Phylis Porterfield	427 / 691	0.47
51	7D / 20	James A. & Carol Trefz Smith	343 / 62	0.74
52	7D / 12	James A. & Carol Trefz Smith	343 / 62	28.68
53	7D / 13	Christine G. & Paul R. Myers	657 / 110	33.36
54	7D / 12.1	Randall D. & Leanna M. Louk	575 / 73	7.21
55	7D / 11	Ricky W. Frame	677 / 723	31.50
56	7D / 5	WVU Board of Governors	584 / 524	323.00
57	7D / 10	Tamela B. Smith, et al	452 / 311	40.00
58	7D / 9.3	Swisher LLC	739 / 833	473.38
59	7E / 29	John K. & Susan D. Butcher	732 / 259	40.97
60	7E / 30	J. Bean Nicholson	509 / 215	61.17
61	7D / 9.1	Deerfield Country Club, Inc.	359 / 409	98.83
62	7C / 20.3	Timothy P. & Glenda R. Weber	726 / 833	0.90

FILE NO: 79-36-12-U-F-18
 DRAWING NO: McDonald 1211 S-8H 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: October 20 2020
 OPERATOR'S WELL NO. McDonald 1211 S-8H
 API WELL NO **MOD**
 47 - 041 - 05705
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

SURFACE OWNER: HG Energy II Appalachia, LLC

ROYALTY OWNER: Mary E. Post, et al, et al LEASE NO: ACREAGE: 145.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BH 6,800' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,897' MD

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

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

TH - West Milford
 QUADRANGLE: BH - Weston
 COUNTY: Lewis
 ACREAGE: 61.50

HG Energy II Appalachia, LLC
 McDonald 1211 S-8H Lease Chain
 11/23/2020

TRACT #	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE				
45	FK053254	03-007B-0010-0000 03-007B-0011-0000 03-007B-0013-0000 p/o 03-007B-0010-0001	Q10048600	MARY E. POST; J. L. POST; F. L. POST AND B. J. POST, HIS WIFE; IDA B. GASTON AND CLARK GASTON, HER HUSBAND; G. W. POST AND FLAVA POST, HIS WIFE	RESERVE GAS COMPANY	NOT LESS THAN 1/8	68	291				
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202				
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89				
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127				
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS					
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS					
				DOMINION TRANSMISSION, INC.	DOMINION EXPLORATION & PRODUCTION, INC.	ASSIGNMENT	620	139				
				DOMINION EXPLORATION & PRODUCTION, INC.	DOMINION TRANSMISSION, INC.	ASSIGNMENT	651	137				
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154				
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57				
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848				
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1				
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139				
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS					
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499				
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527				
				54	FK052962	03-007B-0009-0000 03-007B-0009-0001 03-007B-0009-0002		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY, LLC AND NOBLE ENERGY, INC	NOT LESS THAN 1/8	692	570
								DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684					57				
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				
30	FK064485	03-006B-0044-000	Q100858000	W. D. ALLMAN, WIDOWER; S. M. ALLMAN AND CORA B. ALLMAN, HIS WIFE; MAYME A. SMITH AND J. W. SMITH, HER HUSBAND; EARL WIMER, WIDOWER; ZELLA BROWN AND TRUMAN BROWN, HER HUSBAND; BERNICE A. WOODDELL, SINGLE; GUY ALLMAN, WIDOWER; LORA BAILEY, WIDOW; H. R. HAMMER, WIDOWER; FLOY RAMSBURG AND HUGH RAMSBURG, HER HUSBAND; RUSSELL ALLMAN AND RUTH ALLMAN, HIS WIFE; L. C. ALLMAN AND FLORENCE ALLMAN, HIS WIFE; LLOYD W. SMITH AND MARJORIE M. SMITH, HIS WIFE; KATHLEEN C. ALLMAN, WIDOW; R. T. SMITH AND LAVAUGHN SMITH, HIS WIFE; BERNARD M. WOODDELL AND MARY L. WOODDELL, HIS WIFE; RAYMOND ALLMAN AND LEO ALLMAN, HIS WIFE; A. C. ALLMAN AND ORA ALLMAN, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	222	15				
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89				
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127				
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS					
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS					
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154				
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57				

RECEIVED
 Office of Oil and Gas
 WV Department of
 Environmental Protection
 DEC 02 2020

				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF	723	499
16	FK053188	03-006B-0047-0000	Q100921000	P. C. ALLMAN AND ELLA ALLMAN, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	19
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	127
				HOPE NATURAL GAS COMPANY	RESERVE GAS COMPANY	ASSIGNMENT	79	370
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
53	FK052960	All or part of 03-7C-0001-0000-0000 03-7C-0001-0001-0000 03-7C-0001-0002-0000 03-7C-0001-0003-0000 03-7C-0001-0004-0000 03-7C-0002-0000-0000 and/or 03-7C-0003-0000-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	NOT LESS THAN 1/8	692	570
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF	723	499
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	734	558
35	FK053196	03-007C-0032-0000 03-007C-0032-0001 03-007C-0032-0002 03-007C-0032-0003 03-007C-0032-0004	Q100277000	JESSE LEESON AND SUSIE LEESON, HIS WIFE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	44	278
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	127
				HOPE NATURAL GAS COMPANY	RESERVE GAS COMPANY	ASSIGNMENT	79	370
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499

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32	FK068039	03-007C-0001-0001 03-007C-0001-0002 03-007C-0001-0003 03-007C-0001-0004 03-007C-0002-0000 03-007C-0003-0000 p/o 03-007C-0001-0000	Q101065000	J. L. ALLMAN, WIDOWER; T. E. CAYTON, JR. AND NORMA JEAN CAYTON, EACH IN IS OWN RIGHT AND AS HUSBAND AND WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	252	474
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	736	220				
12	FK062782	03-007C-0006-0000 03-007C-0030-0005 03-007C-0033-0000 p/o 03-007C-0006-0003 p/o 03-007C-0006-0001	Q100694000	G. C. SMITH, WIDOWER	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	215	512
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				28	N/A	03-007C-0005-0000 03-007C-0005-0001 03-007C-0005-0002 03-007C-0005-0003 03-007C-0005-0004 (NOW 03-006C-0057-0000)	Q143838000	MIKE ROSS, INC.
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717					1
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	727					765
CYRUS W. SMITH (A/K/A C. W. SMITH) AND D. A. SMITH, HIS WIFE	RESERVE GAS COMPANY	NOT LESS THAN 1/8	68					522
39	FK053268	03-007C-0006-0002 p/o 03-007C-0006-0001 p/o 03-007C-0006-0003 p/o 03-007C-0030-0000 p/o 03-007C-0031-0000	Q100769000	RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499

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				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	736	220
18	FK053193	03-07C-0029-0000 03-07C-0030-0001 03-07C-0030-0002 03-07C-0030-0003 03-07C-0030-0004 03-07C-0030-0006 03-07C-0030-0007 03-07C-0030-0008 03-07C-0030-0009 03-07C-0030-0010 03-07C-0034-0000 03-07C-0037-0000 03-07C-0038-0000	Q101025000	D. CORDELIA BAILEY	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	42	38
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	85	127
				HOPE NATURAL GAS COMPANY	RESERVE GAS COMPANY	ASSIGNMENT	79	370
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527				
23	FK061778	03-07C-0008-0000 p/o 03-07C-0026-0001 p/o 03-07C-0026-0000 03-07C-0027-0000 03-07C-0029-0001 03-07C-0039-0000 03-07C-0040-0000	Q100355000	C. BURKE MORRIS AND CHRISTINE MORRIS, HIS WIFE; MRS. DANIEL HEEFNER AND DANIEL HEEFNER, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	209	451
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				17	FK064209	p/o 03-0003-0001-0000 p/o 03-0003-0002-0000 p/o 03-0003-0006-0000 p/o 03-007C-0025-0000 p/o 03-007C-0049-0000	Q100975000	MAGGIE COTTRILL, WIDOW
HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294					89
CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425					127
CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS					
CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS					
DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672					154
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684					57
DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712					848
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717					1
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722					139
DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS					
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723					527
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723					499
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723					527
ALDERSON BROADDUS COLLEGE, INC.	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	212					305

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24	FK062279	p/o 03-0003-0001-0000 p/o 03-0003-0001-0001 03-0003-0003-0000 03-0003-0004-0000 p/o 03-0003-0002-0000 p/o 03-0003-0006-0000 p/o 03-007C-0023-0000 03-007C-0024-0000 p/o 03-007C-0025-0000 03-007C-0050-0000 03-007C-0050-0001 p/o 03-007C-0051-0000	Q100357000	HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	736	220				
13	FK061793	3-7C-0020-0000 03-7C-0020-0001 03-7C-0020-0002 03-7C-0021-0000 03-7C-0022-0000 03-7C-0022-0001 03-7C-0022-0002	Q100786000	BERTHA H. NAY, WIDOW; AND ETHEL V. LAW, WIDOW	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	209	422
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499				
7	FK063153	03-007C-0011-0000 03-007C-0011-0001 03-007C-0012-0000 03-07C-0013-0000 p/o 03-007C-0014-0000 03-007C-0017-0000 03-007C-0018-0000 p/o 03-007C-0019	Q100397000 Q101047000	W. A. CHITTUM AND ZURA F. CHITTUM, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	217	419
				H. L. CHITTUM AND JEWEL E. CHITTUM, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	217	422
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499				
DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527				
		RECEIVED Office of Oil and Gas DEC 02 2020 WV Department of Environmental Protection		GLADYS HAYS, WIDOW; LOVANT HAYS AND RAMONA HAYS, HIS WIFE; AND DAVID HAYS AND ELNORA HAYS, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	233	270
				JULIET P. BUTCHER AND WILLIAM E. BUTCHER, HER HUSBAND; AND ALTHEA J. RANDOLPH, WIDOW	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	233	458
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89

6	FK065819	04-07C-0001-0000	Q100317000 Q100561000 Q100985000 Q100612000	OLGA M. SMITH, WIDOW; RUTH MARY SMITH, SINGLE; AUBREY E. SMITH AND SHELBA J. SMITH, HIS WIFE; EARL H. SMITH AND GERALDINE SMITH, HIS WIFE, ILENE KEITH AND JOHN M. KEITH, HER HUSBAND; AND WILLARD F. SMITH AND FRED A. SMITH, HIS WIFE	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	300	116				
		04-07C-0002-0000		MARY E. CLARK AND MASON D. CLARK, HER HUSBAND	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	341	264				
		04-07D-0001-0000			CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127			
		04-07D-0002-0000			CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS				
		04-07D-0003-0000			CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS				
		04-07D-0014-0000			DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154			
		04-07D-0015-0000			CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57			
		04-07D-0016-0000			DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848			
		04-07D-0017-0000			CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1			
		04-07D-0018-0000			NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139			
		04-07D-0019-0000			DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS				
		04-07D-0021-0000			DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527			
		04-07D-0060-0000 (formerly 04-07C-0004-0000)			DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499			
		04-07D-0061-0000 (formerly 04-07C-0003-0000)			DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558			
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	736	220			
		27		FK072646	03-0001-0008-0000	Q100574000 Q100739000 Q100573000	GEORGE JOSEPH GARTON AND JEANNE V. GARTON, HIS WIFE; CHARLES E. GARTON AND OPAL D. GARTON, HIS WIFE; MARY CATHERINE ROBERTS AND TERRELL N. ROBERTS, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	285	554	
					03-0001-0009-0000		E. RAY BENNETT AND HAZEL L. BENNETT, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	285	248	
					03-0001-0009-000			HARRY V. CAMPBELL, HUGH A. CURRY, JOHN S. ALFRIEND AND THOMAS B. JACKSON, TRUSTEES OF THE EPISCOPAL CHURCH OF WEST VIRGINIA	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	299	418
					03-0001-0050-0000			HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
					03-0001-0050-0001			CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
03-007C-0052-0006			CONSOLIDATED GAS TRANSMISSION CORPORATION		CNG TRANSMISSION CORPORATION		MERGER/NAME CHANGE	WVSOS				
03-007C-0052-0007			CNG TRANSMISSION CORPORATION		DOMINION TRANSMISSION, INC.		MERGER/NAME CHANGE	WVSOS				
03-007C-0052-0008			DOMINION TRANSMISSION, INC.		CNX GAS COMPANY LLC		MEMORANDUM FARMOUT AGREEMENT	672	154			
03-007C-0052-0013			CNX GAS COMPANY LLC		NOBLE ENERGY, INC.		LIMITED PARTIAL ASSIGNMENT (50%)	684	57			
03-007D-0045-0000			DOMINION TRANSMISSION, INC.		CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.		PARTIAL ASSIGNMENT (32%)	712	848			
03-007D-0046-0000			CNX GAS COMPANY LLC		NOBLE ENERGY, INC.		ASSIGNMENT	717	1			
03-007D-0047-0000			CNX GAS COMPANY LLC		NOBLE ENERGY, INC.		CORRECTIVE ASSIGNMENT	725	784			
03-007D-0048-0000			NOBLE ENERGY, INC.		HG ENERGY II APPALACHIA, LLC		ASSIGNMENT	722	139			
03-007D-0049-0000			DOMINION TRANSMISSION, INC.		DOMINION ENERGY TRANSMISSION, INC.		MERGER/NAME CHANGE	WVSOS				
03-007D-0050-0000			DOMINION ENERGY TRANSMISSION, INC.		HG ENERGY II APPALACHIA, LLC		SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499			
03-007D-0051-0000			DOMINION ENERGY TRANSMISSION, INC.		HG ENERGY II APPALACHIA, LLC		AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527			
03-007D-0052-0000												
03-007D-0053-0000												
03-007D-0054-0000												
03-007D-0055-0000												
03-007D-0056-0000												
03-007D-0057-0000												
03-007D-0058-0000												
03-007D-0059-0000												
p/o 03-0001-0074-0000												
p/o 03-007C-0053-0004												
	WV Department of Environmental Protection DEC 02 2020 Office of Oil and Gas REGULATORY	007C-0001-0000		GLADYS HAYS, WIDOW; LOVANT HAYS AND RAMONA HAYS, HIS WIFE; AND DAVID HAYS AND ELMORA HAYS, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	233	270				
		007C-0002-0000		JULIET P. BUTCHER AND WILLIAM E. BUTCHER, HER HUSBAND; AND ALTHEA J. RANDOLPH, WIDOW	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	233	458				
		007D-0001-0000		HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89				
		007D-0002-0000		OLGA M. SMITH, WIDOW; RUTH MARY SMITH, SINGLE; AUBREY E. SMITH AND SHELBA J. SMITH, HIS WIFE; EARL H. SMITH AND GERALDINE SMITH, HIS WIFE, ILENE KEITH AND JOHN M. KEITH, HER HUSBAND; AND WILLARD F. SMITH AND FRED A. SMITH, HIS WIFE,	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	300	116				
		007D-0003-0000		MARY E. CLARK AND MASON D. CLARK, HER HUSBAND	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	341	264				
04-07D-0014-0000												

49	p/o FK076091 FK065843 FK085756 FK065819	04-007D-0015-0000	CNX052827	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
		04-007D-0016-0000		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
		04-007D-0017-0000		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
		04-007D-0018-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	672	154
		04-007D-0019-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
		04-007D-0021-0000		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
		04-007D-0060-0000 formerly		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	CORRECTIVE ASSIGNMENT	725	784
		04-007C-0004-0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
		04-007D-0061-0000		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	723	499
		formerly 04-007C-0003-0000		DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
1		04-007D-0013-0000	CNX052827	JULIET P. HAYS, BY HER GUARDIAN NANCY E. HAYS	RESERVE GAS COMPANY	NOT LESS THAN 1/8	52	217
				RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155	202
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
	DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AMENDED AND RESTATED PARTIAL ASSIGNMENT	723	527			
48.1		04-007D-0012-0000	48.1	Carol Trefz Smith and James Alonzo Smith, her husband	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	764	180
		04-007D-0012-0001		David Hays and Elnora Hays, his wife	EMAX Oil Company	NOT LESS THAN 1/8	494	206
48		04-007D-0012-0000 04-007D-0012-0001	CNX052827	EMAX Oil Company	Cabot Oil & Gas Corporation		513	93
				Cabot Oil & Gas Corporation	Natural Gas Investments, L.L.C.		529	702
				Natural Gas Investments, L.L.C.	Cabot Oil & Gas Corporation		557	693
				Cabot Oil & Gas Corporation	EnerVest Appalachia, L.P.		558	249
				EnerVest Appalachia, L.P.	CGAS Properties, L.P.		621	590
				CGAS Properties, L.P. and EnerVest Appalachia, L.P.	Winter Moon Energy Company, L.L.C.		648	548
				Chesapeake Appalachia, L.L.C. and Winter Moon Energy Corporation	SWN Production Company, LLC		684	333
				SWN Production Company, LLC	HG ENERGY II APPALACHIA, LLC	Memorandum of Letter Agreement	763	610
				PRUDENCE M. O'HARA AND C. A. O'HARA, HER HUSBAND, MATTHEW EDMISTON, JR. AND MILDRED EDMISTON, HIS WIFE, GEORGE B. EDMISTON, M. D. AND BEATRICE EDMISTON, HIS WIFE, VIRGINIA C. SANCHEZ AND FRANK SANCHEZ, HER HUSBAND, ELIZABETH E. BLAND AND JOSEPH H. BLAND, HER HUSBAND, JOHN M. EDMISTON AND EMILIE M. EDMISTON, HIS WIFE, ANDREW EDMISTON AND MARY ALICE EDMISTON, HIS WIFE, ANDREW EDMISTON AND BETH GAGE EDMISTON, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8 (386 AC)	289	230
				MATTHEW EDMISTON, JR. AND MILDRED EDMISTON, HIS WIFE, AND MATTHEW EDMISTON, JR. ATTORNEY-IN-FACT FOR BEATRICE EDMISTON (WIDOW OF GEORGE B. EDMISTON), ELIZABETH E. BLAND & JOSEPH BLAND, HER HUSBAND, JOHN M. EDMISTON & EMILY EDMISTON, HIS WIFE, ANDREW J. EDMISTON & MARY ALICE EDMISTON, HIS WIFE	JAMES F. SCOTT AND SCOTT OIL & GAS COMPANY	NOT LESS THAN 1/8 (21 AC)	383	580

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2	268574000	03-007D-0032-0000 04-007D-0005-0000	CNX073150	BETH GAGE EDMISTON (WIDOW)	JAMES F. SCOTT AND SCOTT OIL & GAS COMPANY	NOT LESS THAN 1/8 (21 AC)	383	584				
				CATHERINE C. CRAIG (WIDOW)	JAMES F. SCOTT AND SCOTT OIL & GAS COMPANY	NOT LESS THAN 1/8 (21 AC)	383	586				
				PHILIP L. JONES & MARY SUE JONES, HIS WIFE, MINTIE C. HALE & WILLIAM K. HALE, HER HUSBAND, AND ELIZABETH A. MCCORMICK & PETER MCCORMICK, HER HUSBAND (HEIRS OF VIRGINIA C. MITCHEM)	JAMES F. SCOTT AND SCOTT OIL & GAS COMPANY	NOT LESS THAN 1/8 (21 AC)	383	582				
				A. EDWARD O'HARA AND JEANNE O'HARA, HIS WIFE	JAMES F. SCOTT AND SCOTT OIL & GAS COMPANY	NOT LESS THAN 1/8 (21 AC)	384	433				
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89				
				JAMES F. SCOTT AND JEAN H. SCOTT, HIS WIFE	CONVEST 1980-II ENERGY INCOME PROGRAM	ASSIGNMENT	397	60				
				CONVEST 1980-II ENERGY INCOME PROGRAM	CONVEST PRODUCTION COMPANY	ASSIGNMENT	439	639				
				JAMES F. SCOTT, UNMARRIED, SCOTT OIL AND GAS COMPANY, INC., CONVEST ENERGY CORPORATION, CONVEST 1980-II ENERGY INCOME PROGRAM, CONVEST 1982-B INCOME PROGRAM, CONVEST 1982-C INCOME PROGRAM, CONVEST INCOME PROGRAM VII, ALSO KNOWN AS CONVEST INCOME PROGRAM VII-A	CONVEST PRODUCTION COMPANY	ASSIGNMENT	460	383				
				CONVEST PRODUCTION COMPANY	BNG, INC	ASSIGNMENT	460	494				
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127				
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS					
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628				
				BNG, INC	STONEWALL GAS COMPANY	ASSIGNMENT	522	341				
				STONEWALL GAS COMPANY	DOMINION APPALACHIAN DEVELOPMENT, INC	MERGER/NAME CHANGE	WVSOS					
				DOMINION APPALACHIAN DEVELOPMENT, INC	DOMINION APPALACHIAN DEVELOPMENT, LLC	MERGER/NAME CHANGE	10	38				
				DOMINION APPALACHIAN DEVELOPMENT, LLC	CONSOL GAS APPALACHIAN DEVELOPMENT, LLC	MERGER/NAME CHANGE	9	471				
				CONSOL GAS APPALACHIAN DEVELOPMENT, LLC	CONSOL GAS RESERVES	MERGER/NAME CHANGE	9	471				
				CONSOL GAS RESERVES	CONSOL GAS COMPANY	MERGER/NAME CHANGE	9	471				
				CONSOL GAS COMPANY	CNX GAS COMPANY LLC	MERGER/NAME CHANGE	9	471				
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	659	521				
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	659	662				
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1				
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	139				
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170				
				58		p/o 04-007D-0009-0001 p/o 04-007D-0009-0003 04-007E-0001-0000 04-007E-0002-0000 04-007E-0003-0000 04-007E-0004-0000 04-007E-0004-0001 p/o 04-007E-0024-0000 04-007E-0025-0000 04-007E-0026-0000 04-007E-0067-0000 04-007E-0068-0000	CNX052705	A. W. WOODFORD AND SABRA WOODFORD	J. S. GLENN	NOT LESS THAN 1/8	30	545
								J. S. GLENN	THEODORE N. BARNSDALL	ASSIGNMENT	52	235
T. N. BARNSDALL, AND OTHERS	RESERVE GAS COMPANY	ASSIGNMENT	85					106				
RESERVE GAS COMPANY	HOPE NATURAL GAS COMPANY	CONFIRMATORY DEED	155					202				
HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294					89				
CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425					127				
CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS									
CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9					628				
DOMINION TRANSMISSION, INC.	CONSOL ENERGY HOLDINGS LLC XVI	ASSIGNMENT	651					318				
CONSOL ENERGY HOLDINGS LLC XVI	CONSOL GAS COMPANY	MERGER/NAME CHANGE	9					471				
CONSOL GAS COMPANY	CNX GAS COMPANY LLC	MERGER/NAME CHANGE	9					471				
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	659					521				
CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717					1				
NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722					170				

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

October 30, 2020

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

RE: McDonald 1211 S-8H (47-041-05705)
Freemans Creek District, Lewis County
West Virginia

Dear Ms. Kelly -

Per our discussion, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, WW-6A1 and lease chain) for the 1211 S-8H well work permit. We request the drill permit be modified as new leases have been acquired which lengthens the lateral.

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

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Barry Stollings - Inspector

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