

- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LEGEND

- PROPOSED WELL
- WATER SOURCE
- REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP
- REFERENCE NUMBER FOR MINERAL OWNERSHIP
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED
- HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- BUFFER LINE
- EXISTING GAS WELL

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
 N: 4407484.30
 E: 520288.50

UTM 17 - NAD83(ft)
 N: 14460221.48
 E: 1706979.97

LAT/LON DATUM-NAD83
 LAT: 39.817100
 LON: -80.762949

APPROX. LANDING POINT

UTM 17 - NAD83(m)
 N: 4407456.60
 E: 520432.8

UTM 17 - NAD83(ft)
 N: 14460130.47
 E: 1707453.23

LAT/LON DATUM-NAD83
 LAT: 39.816847
 LON: -80.761264

BOTTOM HOLE LOCATION

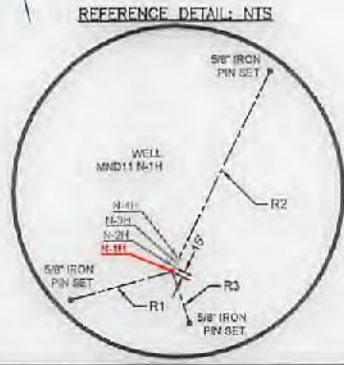
UTM 17 - NAD83(m)
 N: 4409419.80
 E: 518987.80

UTM 17 - NAD83(ft)
 N: 14486570.88
 E: 1702712.34

LAT/LON DATUM-NAD83
 LAT: 39.834567
 LON: -80.778091

LINE TABLE

LINE	BEARING	DISTANCE
R1	N74°44'33"E	334.60'
R2	S26°16'12"W	705.48'
R3	N18°23'50"W	171.38'
R4	N71°04'38"W	1698.11'
R5	S70°59'17"W	1669.65'
R6	N01°36'10"W	1094.04'



Woodford Corporate Park III, Suite 101
 2300 Georgetown Drive
 Smithfield, VA 24151

P: 324-444-1100
 F: 324-444-1124
 www.pve.com

Civil Engineering | Land Development | Structure Design
 Land Planning | Landscape Architecture | Environmental

**WATER WELLS:
 NONE FOUND**

FILE #: MND11 N-1H
 DRAWING #: MND11 N-1H
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 838.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: *Adam J. Westfall*
 R.P.E.: _____ L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SHORT CREEK-CHIO RIVER
 COUNTY/DISTRICT: MARSHALL / FRANKLIN
 SURFACE OWNER: H.G. ENERGY II APPALACHIA, LLC
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT / MARCELLUS
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC
 Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101



DATE: MARCH 7, 2019 rev. 5/6/2018
 OPERATOR'S WELL #: MND11 N-1H
 API WELL # 47 51 02403
 STATE COUNTY PERMIT

ELEVATION: 1,234'
 QUADRANGLE: POWHATAN POINT, W. VA/OHIO
 ACREAGE: 128.6
 ACREAGE: 128.6

ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,033' ±
 DESIGNATED AGENT: DIANE C. WHITE
 Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101

09/17/2021

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

Bottom Hole is located on topo map 5,913 feet south of Latitude: 39° 50' 00"

Well is located on topo map 14,728 feet south of Latitude: 39° 52' 30"

Bottom Hole is located on topo map 3,637 feet west of Longitude: 80° 45' 00"
Well is located on topo map 7,889 feet west of Longitude: 80° 45' 00"

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
N: 4407484.30
E: 520288.50
UTM 17 - NAD83(ft)
N: 14460221.48
E: 1706979.97
LAT/LON DATUM-NAD83
LAT: 39.817100
LON: -80.762949

APPROX. LANDING POINT


UTM 17 - NAD83(m)
N: 4407456.60
E: 520432.8
UTM 17 - NAD83(ft)
N: 14460130.47
E: 1707453.23
LAT/LON DATUM-NAD83
LAT: 39.818847
LON: -80.761264


BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)
N: 4409419.60
E: 518987.80
UTM 17 - NAD83(ft)
N: 14466570.88
E: 1702712.34
LAT/LON DATUM-NAD83
LAT: 39.834567
LON: -80.778091



LEGEND

 PROPOSED SURFACE HOLE LOCATION ON 7.5' TOPOGRAPHIC MAP

 PROPOSED BOTTOM HOLE LOCATION ON 7.5' TOPOGRAPHIC MAP

Western Corridor Park II, Sub 101
2000 Georgetown Drive
Seaside, PA 15133

P: 724-444-1100
F: 724-444-1108
www.pveinc.com

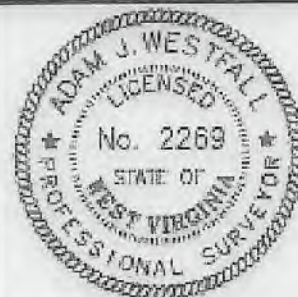


Civil Engineering | Land Development | Structure Design
Land Planning | Landscape Architecture | Environmental

FILE #: MND11 N-1H
DRAWING #: MND11 N-1H
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE: U.S.G.S. MONUMENT
OF ELEVATION: H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
R.P.E.: _____ L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: MARCH 7, 2019 rev. 5/6/2018
OPERATOR'S WELL #: MND11 N-1H
API WELL # 47 51 02403
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

PAGE: 2 OF 4

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1,234'
COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA /OHIO
SURFACE OWNER: H.G. ENERGY II APPALACHIA, LLC ACREAGE: 126.6
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.6

09/17/2021

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 16,033' ±
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

169	MCCINTOCK DALE ET. UX.	TAX MAP NO. 05-0004-0013-0000-0000
169	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0015-0000-0000
170	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0001-0000-0000
174	ASP GENERATION RESOURCES INC.	TAX MAP NO. 05-0002-0013-0000-0000
172	TEXAS EASTERN TRANSMISSION	TAX MAP NO. 05-0002-0013-0000-0000
173	FASOULETOS ANDREW M. ET. AL.	TAX MAP NO. 05-0002-0009-0000-0000
182	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0012-0000-0000
183	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0011-0000-0000
184	CONSOLIDATION COAL COMPANY, ET. AL.	TAX MAP NO. 05-0002-0012-0000-0000
185	HARTLEY PEGGY S.	TAX MAP NO. 05-0002-0013-0004-0000
186	POITTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0011-0000-0000
187	HEATHERINGTON ARDEN RAY	TAX MAP NO. 05-0002-0013-0002-0000
188	POITTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0010-0000-0000
189	BARNHART THOMAS K. ET. UX.	TAX MAP NO. 05-0002-0006-0000-0000
192	CONSOLIDATION COAL COMPANY, ET AL.	TAX MAP NO. 05-0002-0005-0000-0000
193	ASP GENERATION RESOURCES INC.	TAX MAP NO. 05-0004-0002-0000-0000
198	SOUTHERN COUNTRY FARMS INC.	TAX MAP NO. 05-0004-0003-0000-0000
220	MORRIS FRED H. ET. UX.	TAX MAP NO. 05-0004-0009-0000-0000
221	DIMITRO JAMES D.	TAX MAP NO. 05-0004-0010-0000-0000
305	OHIO POWER CO.	TAX MAP NO. 05-0005-0003-0000-0000
319	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000
320	SANCHEZ GENEVA BASSETT	TAX MAP NO. 05-0005-0004-0000-0000
322	ROBBINS JAMES E & DIANA C	TAX MAP NO. 05-0005-0005-0000-0000
323	MCGINNIS TIMOTHY L SR ET UX.	TAX MAP NO. 05-0003-0003-0001-0000
324	OHIO POWER CO.	TAX MAP NO. 05-0005-0005-0000-0000
325	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0007-0000-0000
325	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0008-0000-0000
327	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0009-0000-0000
329	MCELROY COAL COMPANY	TAX MAP NO. 05-0005-0009-0001-0000
330	HEATHERINGTON ARDEN RAY	TAX MAP NO. 05-0002-0013-0001-0000
331	GATTS RICHARD L.	TAX MAP NO. 05-0008-0006-0000-0000
332	MILLER EDWIN C.	TAX MAP NO. 05-0008-0007-0000-0000
333	GATTS RICHARD L.	TAX MAP NO. 06-0005-0008-0000-0000
337	CLARK BEVERLY E.	TAX MAP NO. 05-0008-0001-0001-0000
338	RUCKMAN SHELDON R. ET. AL.	TAX MAP NO. 05-0009-0001-0004-0000
339	RUCKMAN MARVIN E. ET. UX.	TAX MAP NO. 05-0009-0001-0003-0000
342	MAXWELL WILLIAM L. SR. ET. UX.	TAX MAP NO. 05-0004-0018-0000-0000
344	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0016-0000-0000
345	RUCKMAN MARVIN E.	TAX MAP NO. 05-0008-0001-0002-0000
346	MAXWELL WILLIAM JR.	TAX MAP NO. 05-0004-0016-0000-0000
347	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0017-0000-0000
348	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0000-0000
349	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0002-0000
350	LEGG JAMES R. EST.	TAX MAP NO. 05-0009-0003-0000-0000
361	MCCINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0005-0000-0000
362	RUCKMAN JESSIE GLADYS - LIFE	TAX MAP NO. 05-0009-0001-0000-0000
363	LEGG JEFFERY L.	TAX MAP NO. 05-0009-0002-0001-0000
364	ANDERSON RHONDA MARIE	TAX MAP NO. 05-0004-0014-0001-0000

Waterford Crossing Park Pl, Suite 101
2000 Commonwealth Drive
Baltimore, MD 21143



Civil Engineering | Land Development | Structure Design
Land Planning | Landscape Architecture | Environmental

P: 724-444-1100
F: 724-444-1104
www.pve.com

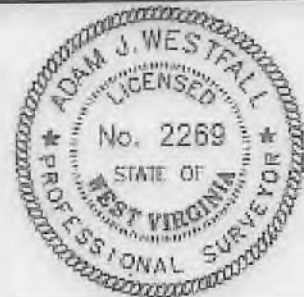
LEGEND

100 REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE #: MND11 N-1H
DRAWING #: MND11 N-1H
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE U.S.G.S. MONUMENT OF ELEVATION: H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: Adam J. Westfall
R.P.E.: L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: MARCH 7, 2019 rev. 5/6/2019
OPERATOR'S WELL #: MND11 N-1H
API WELL # 47 51 02403
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

PAGE: 3 OF 4

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1,234'
COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO
SURFACE OWNER: H.G. ENERGY II APPALACHIA, LLC ACREAGE: 128.6
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.6

09/17/2021

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,933' ±
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

HG Plat Number	MPID	Original Lessor	Original Lessee	Surface Parcel Code
①	05-0004-0014-0000-0000 05-0004-0014-0001-0000 05-0004-0014-0002-0000	MILLER CHARLES W	CHEVRON USA INC	388, 389, 394
		PARSONS PAUL ET UX	CHEVRON USA INC	
		RUSSELL SHARON LYN	CHEVRON USA INC	
		HUFF TIMOTHY ET UX	CHEVRON USA INC	
		ARNOLD LLOYD C ET UX	CHEVRON USA INC	
		CRONIN MARY JO	CHEVRON USA INC	
		KURPIL RICHARD ET UX	CHEVRON USA INC	
		CLIFTON CLARA MAE	CHEVRON USA INC	
		EDWARDS GEORGE ET UX	CHEVRON USA INC	
		KYLE DONNA FAE	CHEVRON USA INC	
		CONNER JUDITH MAY	CHEVRON USA INC	
		SCHEIBELHOOD PAUL ET AL	AB RESOURCES LLC	
		AB RESOURCES LLC	NPAR LLC	
		NPAR LLC	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
②	05-0004-0016-0000-0000	Terry Holman	TriEnergy Holdings	384
		TriEnergy Holdings	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
③	05-0004-0015-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	169
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
④	05-0005-0012-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	182
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑤	05-0005-0011-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	183
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

⑥	05-0005-0009-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	329
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑦	05-0002-0012-0000-0000	WesBanco Trust & Investment Services, a Division of WesBanco, Inc., Trustee of the John T. Gallagher Scholarship Trust	NOBLE ENERGY INC	184
		Consolidation Coal Company	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

Yellowed Granite, Park St. Suite 101
 2000 Georgetown Drive
 Jeannette, PA 15143
 P: 724-444-1100
 F: 724-444-1104
 www.pve.com



Civil Engineering | Land Development | Structure Design
 Land Planning | Landscape Architecture | Environmental

LEGEND	
①	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND11 N-1H
 DRAWING #: MND11 N-1H
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: Adam J. Westfall
 R.P.E.: _____ L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE: MARCH 7, 2019 rev. 5/6/2019
 OPERATOR'S WELL #: MND11 N-1H
 API WELL # 47 51 02403
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1,234'
 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO

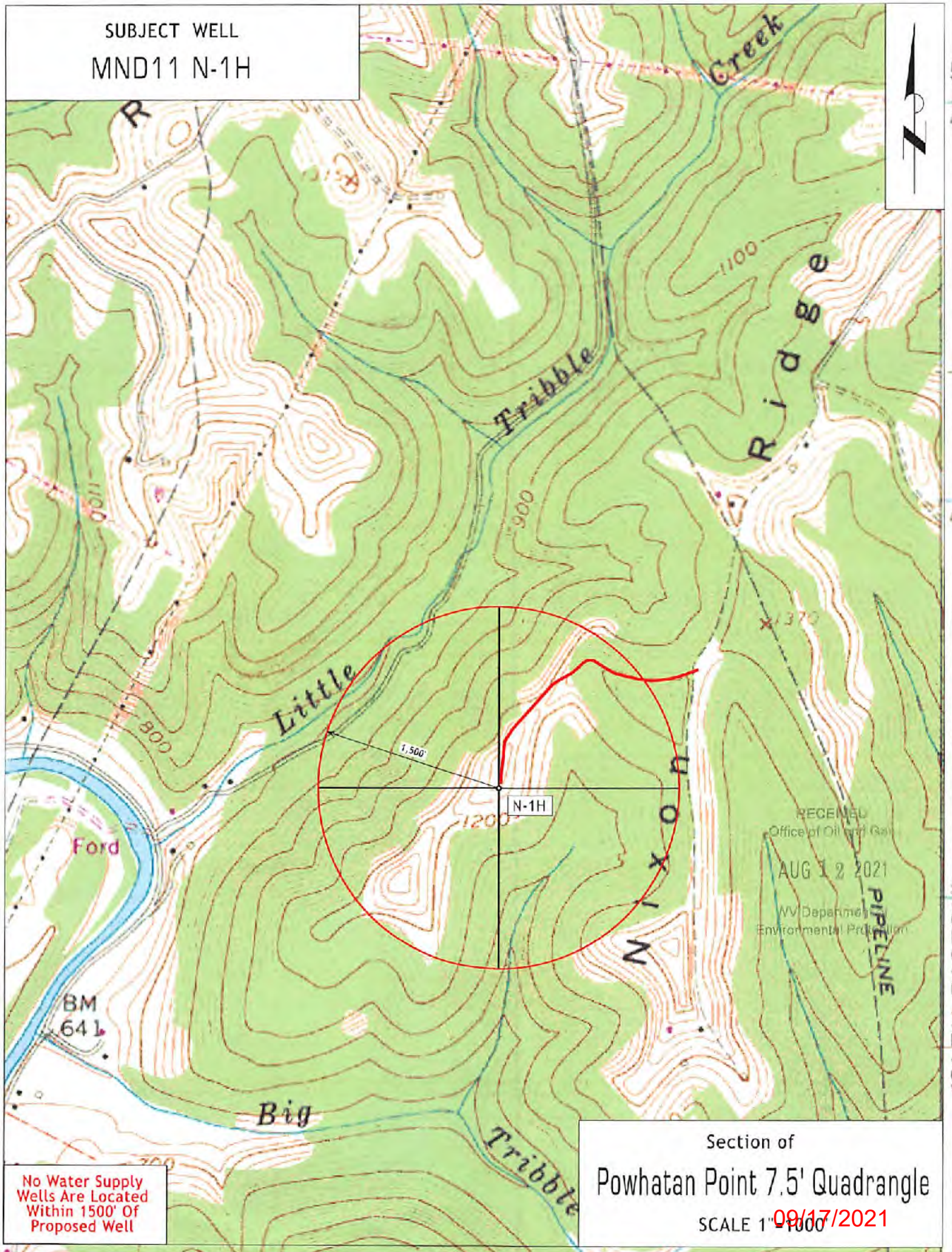
SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 126.6
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.6

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 5,535' ± TMD: 15,033' ±
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
 Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

09/17/2021

SUBJECT WELL
MND11 N-1H



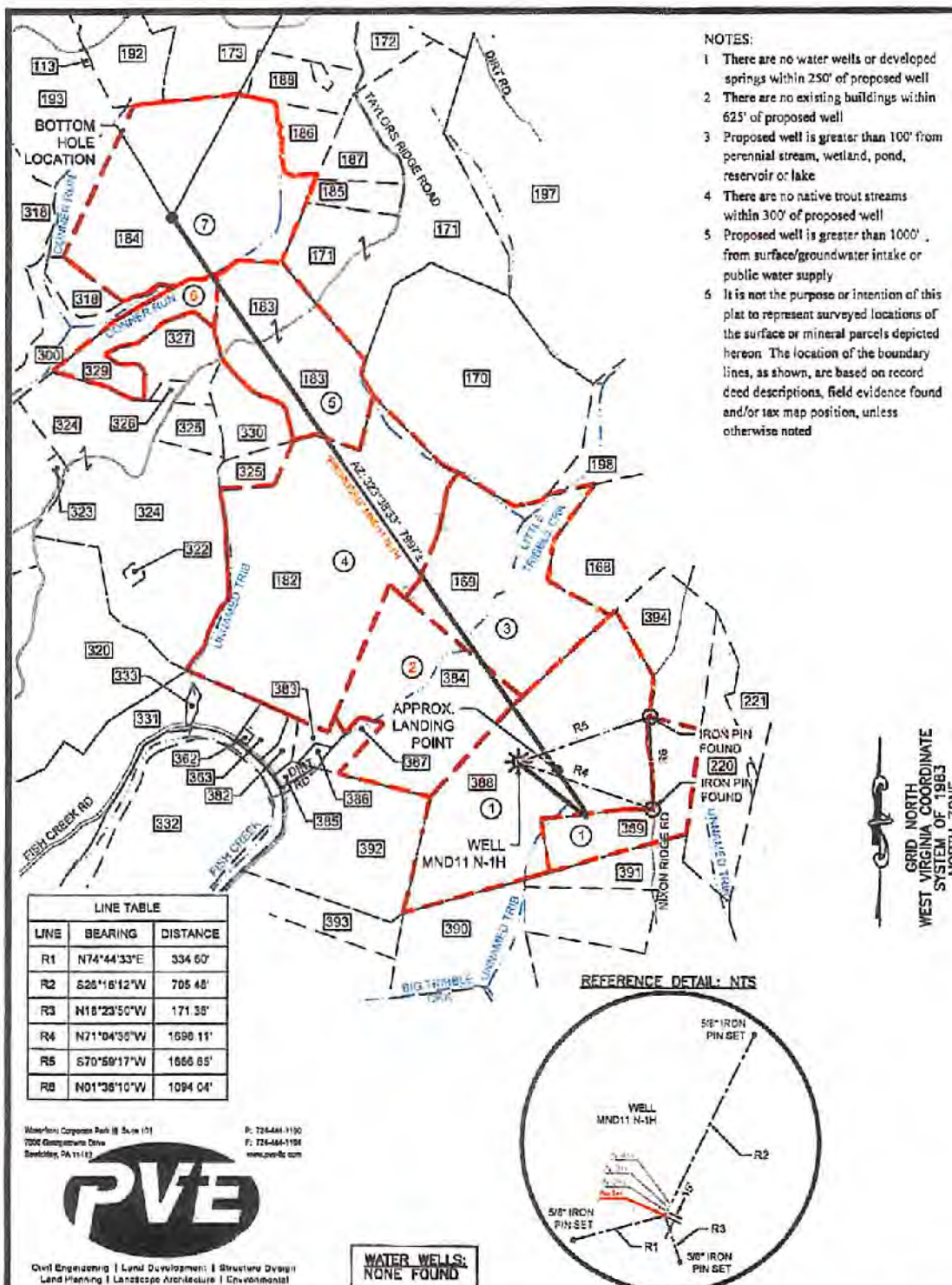
RECEIVED
Office of Oil and Gas
AUG 12 2021
WV Department of Environmental Protection

PIPELINE

No Water Supply Wells Are Located Within 1500' Of Proposed Well

Section of
Powhatan Point 7.5' Quadrangle

SCALE 1" = 1000' 09/17/2021



- NOTES:
- 1 There are no water wells or developed springs within 250' of proposed well
 - 2 There are no existing buildings within 625' of proposed well
 - 3 Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
 - 4 There are no native trout streams within 300' of proposed well
 - 5 Proposed well is greater than 1000' from surface/groundwater intake or public water supply
 - 6 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted

LEGEND

- PROPOSED WELL
- WATER SOURCE
- REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP
- REFERENCE NUMBER FOR MINERAL OWNERSHIP
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- BUFFER LINE
- EXISTING GAS WELL

LINE TABLE

LINE	BEARING	DISTANCE
R1	N74°44'33"E	334.60'
R2	S26°16'12"W	705.48'
R3	N16°23'50"W	171.58'
R4	N71°04'50"W	1690.11'
R5	S70°59'17"W	1666.85'
R6	N01°36'10"W	1094.04'

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
 N: 4407484.30
 E: 520288.50

UTM 17 - NAD83(ft)
 N: 14460221.48
 E: 1706979.97

LAT/LON DATUM - NAD83
 LAT: 39.817100
 LON: -80.762949

APPROX. LANDING POINT

UTM 17 - NAD83(m)
 N: 4407456.60
 E: 520432.8

UTM 17 - NAD83(ft)
 N: 14460130.47
 E: 1707453.23

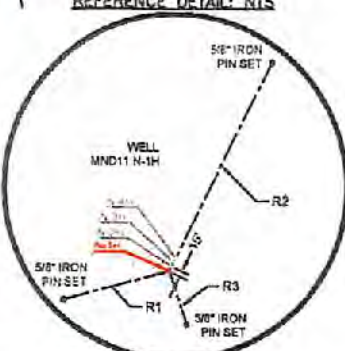
LAT/LON DATUM - NAD83
 LAT: 39.815947
 LON: -80.761264

BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)
 N: 4409419.60
 E: 518987.80

UTM 17 - NAD83(ft)
 N: 14466570.88
 E: 1702712.34

LAT/LON DATUM - NAD83
 LAT: 39.834567
 LON: -80.776091



Waterford Corporate Park II, Suite 151
 7000 Georgetown Drive
 Sewellville, PA 17133



P: 724-444-1100
 F: 724-444-1106
 www.pveinc.com

Civil Engineering | Land Development | Structure Design
 Land Planning | Landscape Architecture | Environmental

**WATER WELLS:
 NONE FOUND**

FILE #: MND11 N-1H

DRAWING #: MND11 N-1H

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED:

R.P.E. _____ L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: MARCH 7, 2019 - REV JUNE 12, 2019

OPERATOR'S WELL #: MND11 N-1H

API WELL # 47 51 02403

STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

PAGE: 1 OF 4

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1,234'

COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWATAN POINT, W. VA./OHIO

SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 128.6

OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 128.6

09/17/2021
 Office of Oil and Gas

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,033' ±

WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE

Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

AUG 12 2021
 WV Department of Environmental Protection

NOTES

1. There are no water wells or developed springs within 250' of proposed well
2. There are no existing buildings within 625' of proposed well
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
4. There are no native trout streams within 300' of proposed well
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted

Bottom Hole is located on topo map 14,730 feet south of Latitude: 39° 52' 30"

Well is located on topo map 5,914 feet south of Latitude: 39° 50' 00"

Bottom Hole is located on topo map 7,892 feet west of Longitude: 80° 45' 00"
 Well is located on topo map 3,639 feet west of Longitude: 80° 45' 00"

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
 N: 4407484.30
 E: 520288.50
 UTM 17 - NAD83(ft)
 N: 14460221.48
 E: 1706979.97
 LAT/LON DATUM-NAD83
 LAT: 39.817100
 LON: -80.762349



APPROX. LANDING POINT

UTM 17 - NAD83(m)
 N: 4407456.60
 E: 520432.8
 UTM 17 - NAD83(ft)
 N: 14460130.47
 E: 1707453.23
 LAT/LON DATUM-NAD83
 LAT: 39.816847
 LON: -80.761264

BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)
 N: 4409419.60
 E: 516987.80
 UTM 17 - NAD83(ft)
 N: 14468570.88
 E: 1702712.34
 LAT/LON DATUM-NAD83
 LAT: 39.834567
 LON: -80.778091



102000M Corcoran Walk B1 Suite 101
 2009 Georgetown Drive
 Steubenville, PA 15114

P 724-444-1100
 F 724-444-1104
 www.pve-llc.com



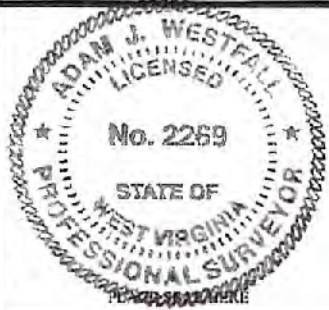
Civil Engineering | Land Development | Structure Design
 Land Planning | Landscape Architecture | Environmental

LEGEND	
	PROPOSED SURFACE HOLE LOCATION ON 7.5' TOPOGRAPHIC MAP
	PROPOSED BOTTOM HOLE LOCATION ON 7.5' TOPOGRAPHIC MAP

FILE #: MND11 N-1H
 DRAWING #: MND11 N-1H
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED:
 R.P.E.: _____ L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: MARCH 7, 2019 Rev. JUNE 12, 2019
 OPERATOR'S WELL #: MND11 N-1H
 API WELL # 47 51 02403
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

PAGE: 2 OF 4

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1,234'
 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO
 SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 126.6
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.6

RECEIVED
 09/17/2021
 AUG 12 2021

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

WV Department of Environmental Protection

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,033' ±
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
 Address: 5280 DUPONT ROAD Address: 5280 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

168	MCCLINTOCK DALE ET. UX.	TAX MAP NO. 05-0004-0013-0000-0000
169	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0015-0000-0000
170	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0001-0000-0000
171	AEP GENERATION RESOURCES INC	TAX MAP NO. 05-0002-0013-0005-0000
172	TEXAS EASTERN TRANSMISSION	TAX MAP NO. 05-0002-0013-0000-0000
173	FASOULETOS ANDREW M. ET. AL	TAX MAP NO. 05-0002-0009-0000-0000
182	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0012-0000-0000
183	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0011-0000-0000
184	CONSOLIDATION COAL COMPANY, ET. AL	TAX MAP NO. 05-0002-0012-0000-0000
185	HARTLEY PEGGY S.	TAX MAP NO. 05-0002-0013-0004-0000
186	POTTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0011-0000-0000
187	HEATHERINGTON ARDEN RAY	TAX MAP NO. 05-0002-0013-0002-0000
188	POTTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0010-0000-0000
189	BARNHART THOMAS K. ET. UX.	TAX MAP NO. 05-0002-0008-0000-0000
193	CONSOLIDATION COAL COMPANY, ET. AL	TAX MAP NO. 05-0002-0005-0000-0000
197	AEP GENERATION RESOURCES INC	TAX MAP NO. 05-0004-0002-0000-0000
199	SOUTHERN COUNTRY FARMS INC.	TAX MAP NO. 05-0004-0003-0000-0000
220	MORRIS FRED H. ET. UX.	TAX MAP NO. 05-0004-0008-0000-0000
221	DIMITRO JAMES D.	TAX MAP NO. 05-0004-0010-0000-0000
300	OHIO POWER CO.	TAX MAP NO. 05-0008-0003-0000-0000
318	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000
320	SANCHEZ GENEVA BASSETT	TAX MAP NO. 05-0005-0004-0000-0000
322	ROBBINS JAMES E & DIANA C.	TAX MAP NO. 05-0005-0005-0000-0000
323	MCGINNIS TIMOTHY L. SR. ET. UX.	TAX MAP NO. 05-0005-0003-0001-0000
324	OHIO POWER CO.	TAX MAP NO. 05-0005-0006-0000-0000
325	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0007-0000-0000
326	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0008-0000-0000
327	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0009-0000-0000
328	MCELROY COAL COMPANY	TAX MAP NO. 05-0005-0009-0001-0000
330	HEATHERINGTON ARDEN RAY	TAX MAP NO. 05-0002-0013-0001-0000
331	GATTS RICHARD L.	TAX MAP NO. 05-0008-0005-0000-0000
332	MILLER EDWIN C.	TAX MAP NO. 05-0008-0007-0000-0000
333	GATTS RICHARD L.	TAX MAP NO. 05-0005-0008-0000-0000
352	CLARK BEVERLY E.	TAX MAP NO. 05-0009-0001-0001-0000
353	RUCKMAN SHELDON R. ET. AL.	TAX MAP NO. 05-0009-0001-0004-0000
359	RUCKMAN MARVIN E. ET. UX.	TAX MAP NO. 05-0009-0001-0003-0000
362	MAXWELL WILLIAM L. SR. ET. UX.	TAX MAP NO. 05-0004-0018-0000-0000
384	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0016-0000-0000
385	RUCKMAN MARVIN E.	TAX MAP NO. 05-0009-0001-0002-0000
386	MAXWELL WILLIAM JR.	TAX MAP NO. 05-0004-0019-0000-0000
387	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0017-0000-0000
388	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0000-0000
389	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0002-0000
391	LEGG JAMES R. EST.	TAX MAP NO. 05-0009-0003-0000-0000
391	MCCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0005-0000-0000
392	RUCKMAN JESSIE GLADYS - LIFE	TAX MAP NO. 05-0009-0001-0000-0000
393	LEGG JEFFERY L.	TAX MAP NO. 05-0009-0002-0001-0000
394	ANDERSON RHONDA MARIE	TAX MAP NO. 05-0004-0014-0001-0000

Vertical Corporate Plan II, Suite 101
 2000 Daugherty Drive
 Huntley, PA 15114



Civil Engineering | Land Development | Structure Design
 Land Planning | Landscape Architecture | Environmental

LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE #: MND11 N-1H
 DRAWING #: MND11 N-1H
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
 R.P.E.: _____ L.L.S.: P.S. NO. 2269



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: MARCH 7, 2019 - REV JUNE 12, 2019
 OPERATOR'S WELL #: MND11 N-1H
 API WELL # 47 51 02403
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

PAGE: 3 OF 4

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1,234'
 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO
 SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 126.6
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.6

RECEIVED 09/17/2021

AUG 12 2021

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

WV Department of Environmental Protection

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,033' ±
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
 Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

HG Plat Number	MPID	Original Lessor	Original Lessee	Surface Parcel Code
①	05-0004-0014-0000-0000 05-0004-0014-0001-0000 05-0004-0014-0002-0000	MILLER CHARLES W	CHEVRON USA INC	388, 389, 394
		PARSONS PAUL ET UX	CHEVRON USA INC	
		RUSSELL SHARON LYN	CHEVRON USA INC	
		HUFF TIMOTHY ET UX	CHEVRON USA INC	
		ARNOLD LLOYD C ET UX	CHEVRON USA INC	
		CRONIN MARY JO	CHEVRON USA INC	
		KURPIL RICHARD ET UX	CHEVRON USA INC	
		CLIFTON CLARA MAE	CHEVRON USA INC	
		EDWARDS GEORGE ET UX	CHEVRON USA INC	
		KYLE DONNA FAE	CHEVRON USA INC	
②	05-0004-0016-0000-0000	Terry Holman	TriEnergy Holdings	384
		TriEnergy Holdings	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
③	05-0004-0015-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc	159
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
④	05-0005-0012-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc	182
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑤	05-0005-0011-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc	183
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

⑥	05-0005-0009-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc	329
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑦	05-0002-0012-0000-0000	WesBanco Trust & Investment Services, a Division of WesBanco, Inc., Trustee of the John T. Gallagher Scholarship Trust	NOBLE ENERGY INC	184
		Consolidation Coal Company	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	



LEGEND	
①	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND11 N-1H
DRAWING #: MND11 N-1H
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
R.P.E.: _____ L.L.S.: P.S. NO. 2269



(1) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SHORT CREEK-OHIO RIVER
COUNTY/DISTRICT: SHORT CREEK-OHIO RIVER
SURFACE OWNER: MARSHALL / FRANKLIN
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT / MARCELLUS
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC
Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101

DATE: MARCH 7, 2019 - REV JUNE 12, 2019
OPERATOR'S WELL #: MND11 N-1H
API WELL # 47 51 02403
STATE COUNTY PERMIT

ELEVATION: 1,234'
QUADRANGLE: POWHATAN POINT, W. VA./OHIO
ACREAGE: 126.6
ACREAGE: 126.6

ESTIMATED DEPTH: TVD: 6,536' ± TMD: 15,033' ±
DESIGNATED AGENT: DIANE C. WHITE
Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101

PAGE: 4 OF 4

RECEIVED
Office of Oil and Gas
09/17/2021
AUG 12 2021

WV Department of Environmental Protection

