

- 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 WELL
- HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- BUFFER LINE
- EXISTING GAS WELL

**SURFACE HOLE LOCATION (SUL)**

UTM 17 - NAD83(m)  
 N: 4407488.50  
 E: 520290.40

UTM 17 - NAD83(ft)  
 N: 14460235.11  
 E: 1706986.24

LAT/LON DATUM-NAD83  
 LAT: 39.817138  
 LON: -80.762926

**APPROX. LANDING POINT**

UTM 17 - NAD83(m)  
 N: 4407581.70  
 E: 520624.50

UTM 17 - NAD83(ft)  
 N: 14460541.11  
 E: 1708082.24

LAT/LON DATUM-NAD83  
 LAT: 39.817970  
 LON: -80.759020

**BOTTOM HOLE LOCATION**

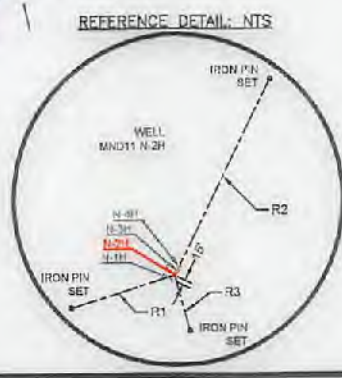
UTM 17 - NAD83(m)  
 N: 4408545.80  
 E: 519178.70

UTM 17 - NAD83(ft)  
 N: 14466985.22  
 E: 1703338.63

LAT/LON DATUM-NAD83  
 LAT: 39.835701  
 LON: -80.775856

**LINE TABLE**

LINE	BEARING	DISTANCE
R1	N72°49'44"E	344.83'
R2	S26°16'47"W	690.21'
R3	N15°03'11"W	162.64'
R4	N70°33'55"W	1699.34'
R5	S71°21'46"W	1655.91'
R6	N01°36'10"W	1094.04'



GRID NORTH  
 WEST VIRGINIA COORDINATE  
 SYSTEM OF 1183  
 NORTH ZONE

Waterborn Composite Part III, Suite 101  
 2502 Georgetown Drive  
 Sewickley, PA 15140

TEL: 724-444-1122  
 F: 724-444-1104  
 www.pve.com

**PVE**

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

**WATER WELLS:  
 NONE FOUND**

FILE #: MND11 N-2H

DRAWING #: MND11 N-2H

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

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

WATERSHED: SHORT CREEK-OHIO RIVER  
 COUNTY/DISTRICT: MARSHALL / FRANKLIN

SURFACE OWNER: HG ENERGY II APPALACHIA, LLC  
 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  
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC  
 Address: 5260 DUPONT ROAD  
 City PARKERSBURG State WV Zip Code 26101



DATE: MARCH 7, 2019 rev. 5/6/2019

OPERATOR'S WELL #: MND11 N-2H

API WELL # 47 51 02404 HGA  
 STATE COUNTY PERMIT

PAGE: 1 OF 4

09/24/2021

ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,154' ±

DESIGNATED AGENT: DIANE C. WHITE  
 Address: 5260 DUPONT ROAD  
 City PARKERSBURG State WV Zip Code 26101

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 525' 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 5,899 feet south of Latitude: 39° 50' 00"  
 Well is located on topo map 14,315 feet south of Latitude: 39° 52' 30"

Bottom Hole is located on topo map 3,631 feet west of Longitude: 80° 45' 00"  
 Well is located on topo map 7,261 feet west of Longitude: 80° 45' 00"

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)  
 N: 4407488.50  
 E: 520290.40  
 UTM 17 - NAD83(ft)  
 N: 14450235.11  
 E: 1706986.24  
 LAT/LON DATUM-NAD83  
 LAT: 39.817138  
 LON: -80.752926



APPROX. LANDING POINT

UTM 17 - NAD83(m)  
 N: 4407581.70  
 E: 520624.50  
 UTM 17 - NAD83(ft)  
 N: 14460541.11  
 E: 1708082.24  
 LAT/LON DATUM-NAD83  
 LAT: 39.817970  
 LON: -80.759020

BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)  
 N: 4409545.90  
 E: 519178.70  
 UTM 17 - NAD83(ft)  
 N: 14466965.22  
 E: 1705338.63  
 LAT/LON DATUM-NAD83  
 LAT: 39.835701  
 LON: -80.775856

Waterfront Corporate Park II, Suite 101  
 2000 Georgetown Drive  
 Sewickley, PA 15143

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



Civil Engineering | Land Development | Structure Design  
 Loss 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-2H  
 DRAWING #: MND11 N-2H  
 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-2H  
 API WELL # 47 51 02404  
 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: GNX GAS COMPANY ACREAGE: 126.6

09/24/2021

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: 15,154' ±  
 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	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
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
188	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
192	BARNHART THOMAS K. ET. UX.	TAX MAP NO. 05-0002-0008-0000-0000
193	CONSOLIDATION COAL COMPANY, ET. AL.	TAX MAP NO. 05-0002-0009-0000-0000
197	AEP 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. 05-0004-0006-0000-0000
221	DIMITRO JAMES D	TAX MAP NO. 05-0004-0010-0000-0000
300	OHIO POWER CO.	TAX MAP NO. 05-0006-0003-0000-0000
318	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0002-0000-0000
320	SANGHEZ 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. 05-0005-0006-0000-0000
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
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. 05-0008-0005-0000-0000
332	MILLER EDWIN C.	TAX MAP NO. 05-0008-0007-0000-0000
333	GATTS RICHARD L.	TAX MAP NO. 05-0005-0008-0000-0000
362	CLARK BEVERLY E.	TAX MAP NO. 06-0009-0001-0001-0000
363	RUCKMAN SHELDON R. ET. AL.	TAX MAP NO. 05-0009-0001-0004-0000
362	RUCKMAN MARVIN E. ET. UX.	TAX MAP NO. 05-0009-0001-0003-0000
365	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. 05-0000-0001-0002-0000
388	MAXWELL WILLIAM JR.	TAX MAP NO. 05-0004-0019-0000-0000
397	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0017-0000-0000
386	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
350	LEGG JAMES R. EST.	TAX MAP NO. 05-0009-0003-0000-0000
381	MCCINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0006-0000-0000
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

Walt Reed Corporate Park II, Suite 101  
2000 Georgetown Drive  
Dewitt, NY 13145

P: 716-444-1100  
F: 716-444-1104  
www.pve.com



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

LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE #: MND11 N-2H  
DRAWING #: MND11 N-2H  
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 PLAN 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  
OPERATOR'S WELL #: MND11 N-2H  
API WELL # 47 51 02404  
STATE COUNTY PERMIT

PAGE: 3 OF 4

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

09/24/2021

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: 16,154' ±  
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	588
		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	
		CONNOR 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	05-0004-0015-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company
NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC			
③	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	
④	05-0004-0001-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	170
		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	05-0002-0012-0000-0000	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	

Westfield Geosurvey Inc. 2000 Development Drive, Spawley, PA 15140  
P: 724-464-1100 F: 724-464-3104 www.pve.com



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

LEGEND	
①	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND11 N-2H  
DRAWING #: MND11 N-2H  
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  
OPERATOR'S WELL #: MND11 N-2H  
API WELL # 47 51 02404  
STATE COUNTY PERMIT

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

PAGE: 4 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

09/24/2021

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: 15,154' ±  
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



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 5,899 feet south of Latitude: 39° 50' 00"

Well is located on topo map 14,315 feet south of Latitude: 39° 52' 30"

Bottom Hole is located on topo map 3,631 feet west of Longitude: 80° 45' 00"  
 Well is located on topo map 7,261 feet west of Longitude: 80° 45' 00"

**SURFACE HOLE LOCATION (SHL)**

UTM 17 - NAD83(m)

N: 4407488.50

E: 520290.40

UTM 17 - NAD83(ft)

N: 14460235.11

E: 1706986.24

LAT/LON DATUM-NAD83

LAT: 39.817138

LOX: -80.762926

**APPROX. LANDING POINT**

UTM 17 - NAD83(m)

N: 4407581.70

E: 520624.50

UTM 17 - NAD83(ft)

N: 14460541.11

E: 1708082.24

LAT/LON DATUM-NAD83

LAT: 39.817970

LOX: -80.759020

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83(m)

N: 4409545.90

E: 519178.70

UTM 17 - NAD83(ft)

N: 14466985.22

E: 1703338.63

LAT/LON DATUM-NAD83

LAT: 39.835701

LOX: -80.775856



Waterford Corporate Park #3, Suite 101  
 2002 Georgetown Drive  
 Sewersy, PA 15143

P: 724-446-1717  
 F: 724-446-1504  
 www.pve.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-2H  
 DRAWING #: MND11 N-2H  
 SCALE: 1"=2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE U.S.G.S. MONUMENT  
 OF ELEVATION: H 136: 633.56'

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. 5/6/20<sup>19</sup> **RECEIVED**  
 Office of Oil and Gas  
 OPERATOR'S WELL #: MND11 N-2H  
 API WELL # 47 **AUG 12 2021**  
 STATE WV **Department of Environmental Protection**

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

WATERSHED: SHORT CREEK-CHIO 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: 6,535' ± TMD: 15,154' ±  
 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

09/24/2021

158	MCCLINTOCK DALE ET. UX.	TAX MAP NO. 05-0004-0013-0000-0000
159	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0015-0000-0000
170	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0021-0000-0000
171	AEP 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. 05-0002-0013-0004-0009
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
189	POTTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0010-0000-0000
192	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
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
300	OHIO POWER CO.	TAX MAP NO. 05-0006-0003-0000-0000
318	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000
320	SANCHEZ GENEVA RAESSETT	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. 05-0005-0008-0000-0000
326	FRANKLIN REAL ESTATE CO	TAX MAP NO. 05-0005-0007-0000-0000
328	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	MCCLROY COAL COMPANY	TAX MAP NO. 05-0005-0005-0001-0000
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. 05-0005-0006-0000-0000
332	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
352	RUCKMAN MARVIN E. ET. UX.	TAX MAP NO. 05-0009-0001-0003-0000
353	MAXWELL WILLIAM L. SR. ET. UX.	TAX MAP NO. 05-0004-0018-0000-0000
354	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0016-0000-0000
355	RUCKMAN MARVIN E.	TAX MAP NO. 05-0009-0001-0002-0000
358	MAXWELL WILLIAM JR.	TAX MAP NO. 05-0004-0019-0000-0000
357	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0017-0000-0000
358	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0000-0000
359	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0002-0000
360	LEGG JAMES R. EST.	TAX MAP NO. 05-0009-0003-0000-0000
391	MCCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0006-0000-0000
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

Westland Corporate Park B, Suite 101  
200 Georgetown Drive  
Savannah, GA 31513

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



Civil Engineering | Land Development | Site/Utility Design  
Lead Planning | Landscape Architecture | Environmental

LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE #: MND11 N-2H  
DRAWING #: MND11 N-2H  
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  
RECEIVED Office of Oil and Gas  
OPERATOR'S WELL #: MND11 N-2H  
API WELL # 47  
STATE WV DEPARTMENT OF Environmental Protection

PAGE: 3 OF 4

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

09/24/2021

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: 15,154' +  
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
		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	
		KUHPIL 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	05-0004-0015-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	169
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
③	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	
④	05-0004-0001-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	170
		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	05-0002-0012-0000-0000	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	

Westfall Corporate Fax #: 516-101  
2001 Georgetown Drive  
Seaside, VA 24160  
P: 724-664-1100  
F: 724-664-1104  
www.pve.com



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

LEGEND	
①	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE # MND11 N-2H  
DRAWING # MND11 N-2H  
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  
RECEIVED  
Office of Oil and Gas  
OPERATOR'S WELL #: MND11 N-2H  
AUG 12 2021  
API WELL # 47 51  
STATE WV Department of Environmental Protection

PAGE: 4 OF 4

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

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

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)

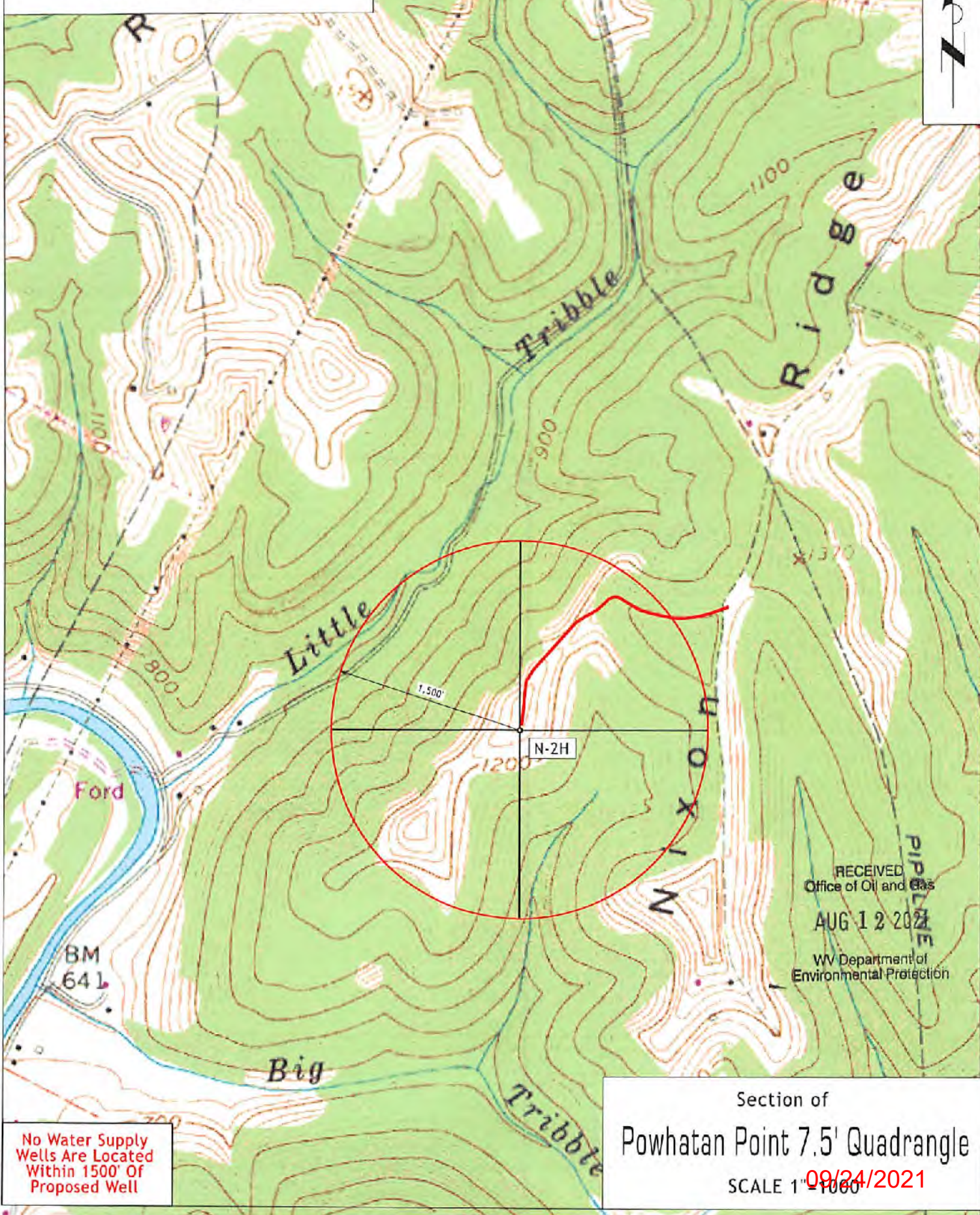
TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,154' ±  
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE  
Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD  
City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

09/24/2021



SUBJECT WELL  
MND11 N-2H

4705102404



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

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

Section of  
Powhatan Point 7.5' Quadrangle  
SCALE 1" = 1000'

09/24/2021