

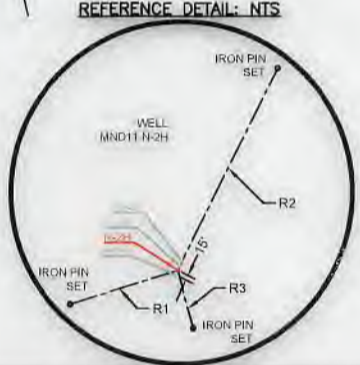
- NOTES**
1. There are no water wells or developed springs within 250' of proposed well
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of 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	N72°49'44"E	344.83'
R2	S26°16'47"W	680.21'
R3	N15°03'11"W	182.64'
R4	N70°33'55"W	1696.34'
R5	S71°21'46"W	1655.91'
R6	N01°36'10"W	1094.04'



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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
 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: 4409545.90
 E: 519178.70
 UTM 17 - NAD83(ft)
 N: 14466985.22
 E: 1703338.63
 LAT/LON DATUM-NAD83
 LAT: 39.835701
 LON: -80.775856

**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: _____

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: SHORT CREEK-OHIO RIVER

SURFACE OWNER: MARSHALL / FRANKLIN

OIL & GAS ROYALTY OWNER: CNX GAS COMPANY

DATE: MARCH 7, 2019 Rev. JUNE 10, 2019

OPERATOR'S WELL #: MND11 N-2H

API WELL # 47 51 02215 H6A

STATE COUNTY PERMIT

ELEVATION: 1,234'

QUADRANGLE: POWHATAN POINT, W. VA./OHIO

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

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 625' of proposed well.
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4. There are no native trout streams within 300' of proposed well.
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Bottom Hole is located on topo map 14,317 feet south of Latitude: 39° 52' 30"

Well is located on topo map 5,901 feet south of Latitude: 39° 50' 00"

Bottom Hole is located on topo map 7,264 feet west of Longitude: 80° 45' 00"
 Well is located on topo map 3,634 feet west of Longitude: 80° 45' 00"

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
 N: 4407488.50
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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'

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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-2H
 API WELL # 47 51 02215 WVA
 STATE COUNTY PERMIT

PAGE: 2 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

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

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
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 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. 05-0005-0008-0000-0000
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. 05-0009-0001-0001-0000
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
383	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
390	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

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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: 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: _____
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-2H
API WELL # 47 51 02115 H W
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

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	
		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	05-0004-0015-0000-0000	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	

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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'

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(1) 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-2H

API WELL # 47 51 62215 N67
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

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