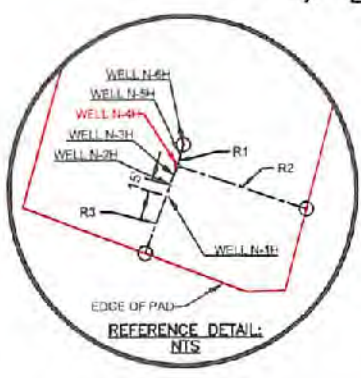


Wellbort Corporate Park, Suite 101  
 2848 Georgetown Drive  
 Shenandoah, PA 15141

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 F. 724.44-1124  
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 Land Planning | Landscape Architecture | Environmental



FILE # MND23 N-4H

DRAWING # MND23 N-4H

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

ADAM J. WESTFALL  
 LICENSED  
 No. 2269  
 STATE OF WEST VIRGINIA  
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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

DATE: FEBRUARY 26, 2019

OPERATOR'S WELL #: MND23 N-4H

API WELL # 47 51 02410

STATE COUNTY PERMIT

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

WATERSHED BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1240'

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: 15,449' ±

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

RECEIVED  
 Office of Oil and Gas  
 AUG 19 2020  
 09/17/2021  
 WV Department of Environmental Protection

Bottom Hole is located on topo map 590 feet south of Latitude: 39° 50' 00"

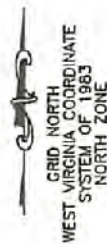
Well is located on topo map 6,731 feet south of Latitude: 39° 50' 00"

Bottom Hole is located on topo map 9,918 feet west of Longitude: 80° 45' 00"  
 Well is located on topo map 4,453 feet west of Longitude: 80° 45' 00"

NOTES

- There are no water wells or developed springs within 250' of proposed well
- There are no existing buildings within 625' of proposed well
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply
- 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, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted

DETAIL (REMAINDER OF AFFECTED PARCEL REFERENCE # 300) SCALE: 1"=2,000'



**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83(m)  
 N: 4407234.43  
 E: 520040.76  
 UTM 17 - NAD83(ft)  
 N: 14459401.62  
 E: 1706167.06  
 LAT/LON DATUM-NAD83  
 LAT: 39.814854  
 LON: -80.765851

**APPROX. LANDING POINT**  
 UTM 17 - NAD83(m)  
 N: 4407042.67  
 E: 519885.75  
 UTM 17 - NAD83(ft)  
 N: 14458773.14  
 E: 1705658.51  
 LAT/LON DATUM-NAD83  
 LAT: 39.813132  
 LON: -80.767668

**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83(m)  
 N: 4409101.50  
 E: 518370.36  
 UTM 17 - NAD83(ft)  
 N: 14465527.17  
 E: 1700686.77  
 LAT/LON DATUM-NAD83  
 LAT: 39.831715  
 LON: -80.785315

**LEGEND**

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

Westwood Corporate Park & Suite 101  
 2048 Bechtelwood Drive  
 Smethport, PA 15813  
**PVE**  
 Civil Engineering | Land Development | Structure Design  
 Land Planning | Landscape Architecture | Environmental

FILE #: MND23 N-4H  
 DRAWING #: MND23 N-4H  
 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:   
 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: FEBRUARY 26, 2019  
 OPERATOR'S WELL #: MND23 N-4H  
 API WELL # 47 51 02410  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
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 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.6

RECEIVED  
 Office of Oil and Gas  
 PAGE: 2 OF 4  
AUG 12 2021  
 WV Department of Environmental Protection

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON   
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TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH TVD: 6,535' ± TMD: 15,449' ±  
 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

168	MCLINTOCK 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
182	CONSOLIDATION COAL COMPANY	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	TAX MAP NO. 05-0002-0012-0000-0000
193	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0005-0000-0000
220	MORRIS FRED H ET UX	TAX MAP NO. 05-0004-0009-0000-0000
298	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0011-0000-0000
299	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0003-0000-0000
300	OHIO POWER CO.	TAX MAP NO. 05-0006-0003-0000-0000
301	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0005-0000-0000
302	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0006-0000-0000
303	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0001-0000-0000
304	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0016-0000-0000
305	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0013-0000-0000
306	OHIO POWER CO.	TAX MAP NO. 05-0005-0010-0000-0000
307	CNX GAS COMPANY LLC.	TAX MAP NO. 05-0007-0005-0000-0000
308	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0002-0000-0000
309	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0003-0000-0000
310	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0004-0000-0000
311	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0004-0000-0000
313	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0002-0000-0000
314	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0002-0000-0000
315	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0002-0000-0000
316	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0001-0000-0000
317	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0001-0000-0000
318	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000
319	OHIO POWER CO.	TAX MAP NO. 05-0005-0003-0000-0000
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
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. 05-0008-0006-0000-0000
334	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0003-0000-0000
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
368	OHIO POWER COMPANY	TAX MAP NO. 05-0001-0022-0000-0000
380	WV DIVISION OF NATURAL RESOURCES	REFERENCE NO. G-001960000
382	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	MCLINTOCK 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
402	MCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0005-0000-0000
403	LEGG JAMES R EST	TAX MAP NO. 05-0009-0002-0000-0000
404	WHITE KENNETH E ET UX	TAX MAP NO. 05-0009-0002-0002-0000
405	ARNOLD LLOYD C & JUDITH C	TAX MAP NO. 05-0009-0035-0000-0000
415	ARNOLD LLOYD C. & JUDITH C.	TAX MAP NO. 05-0009-0041-0000-0000
417	STOUT JAMES L.	TAX MAP NO. 05-0009-0007-0000-0000

Waterloo Controls Park D, Suite 101  
2000 Georgetown Drive  
Smythsville, PA 15136  
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F 724-444-1134  
www.pvc4c.com

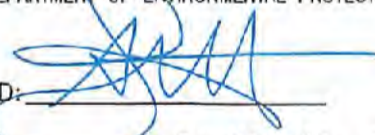


Civil Engineering | Land Development | Structural Design  
Land Planning | Landscape Architecture | Environmental

LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE # MND23 N-4H  
DRAWING # MND23 N-4H  
SCALE 1"=2000'  
MINIMUM DEGREE OF ACCURACY 1/2500  
PROVEN SOURCE U.S.G.S. MONUMENT  
OF ELEVATION: H 138: 638.58'

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



DATE: FEBRUARY 26, 2019 RECEIVED  
Office of Oil and Gas  
OPERATOR'S WELL #: MND23 N-4H  
API WELL # 47 51 02410  
STATE COUNTY WV PERMIT  
WV Department of Environmental Protection

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

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1240'  
COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA/OHIO  
SURFACE OWNER: HG ENERGY II, APPALACHIA LLC ACREAGE: 128.5  
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 128.6

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON   
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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

HG Pit Number	MRID	Original Lessor	Original Lessee	Surface Parcel Code
1	05-0004-0014-0000-0000	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	
CONNOR JUDITH MAY	CHEVRON USA INC			
		SCHIBELHOOD 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	05-0009-0003-0000-0000	James Redman Legg II ET AL	Noble Energy, Inc.	390
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
3	05-0009-0001-0000-0000, 05-0009-0001-0001-0000, 05-0009-0001-0002-0000, 05-0009-0001-0003-0000, 05-0009-0001-0004-0000	Jessi Gladys Buckman Et Al	Noble Energy, Inc.	392, 362, 385, 382, 363
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
4	05-0004-0019-0000-0000	William L. Maxwell JR	TriEnergy Holdings	386
		TriEnergy Holdings	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
5	05-0004-0017-0000-0000	Terry Holman	TriEnergy Holdings	387
		TriEnergy Holdings	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
6	05-0004-0018-0000-0000	William L. Maxwell JR	TriEnergy Holdings	383
		TriEnergy Holdings	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
7	05-0009-0001-0000-0000, 05-0009-0001-0001-0000, 05-0009-0001-0002-0000, 05-0009-0001-0003-0000, 05-0009-0001-0004-0000	Jessi Gladys Buckman Et Al	Noble Energy, Inc.	392, 362, 385, 382, 363
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
8	05-0005-0012-0000-0000	Barbara Kay Ewing and Wilber E. Ewing	NOBLE ENERGY INC	182

		Charles Howard Bassett JR and Ruby D. Bassett	NOBLE ENERGY INC	
		Cynthia P. Hopkins, as Trustee of the Cynthia P. Hopkins Revocable Trust	NOBLE ENERGY INC	
		Elizabeth A. Strusbaugh and James R. Strusbaugh	NOBLE ENERGY INC	
		Janet and John Blankenship	NOBLE ENERGY INC	
		Jean C. Thomas	NOBLE ENERGY INC	
		Mary E. Bassett	NOBLE ENERGY INC	
		Robert B. and Violet Thomas	NOBLE ENERGY INC	
		Roger B. and Inken P. Rose	NOBLE ENERGY INC	
		Ruth Ann and Furman F. Wallace	NOBLE ENERGY INC	
		Ruth E. Bassett Meadows and O.W. Meadows Jr	NOBLE ENERGY INC	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
9	05-0005-0006-0000-0000	AEP Generation Resources Inc and Kentucky Power Company	Noble Energy, Inc.	324
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
10	05-0005-0003-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	300
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
11	05-0005-0002-0000-0000	Margaret Games	CNX Gas Company, LLC	318
		Elizabeth Patterson	CNX Gas Company, LLC	
		Charles J. Wiesner	CNX Gas Company, LLC	
		John Wiesner	CNX Gas Company, LLC	
		Kenneth Schmitt	CNX Gas Company, LLC	
		Mary Ellen Sedon	CNX Gas Company, LLC	
		Alfred Kaczorowski, Jr., & Sharon M. Kaczorowski, his wife	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

Wellhead Corrosion Part III, Sub 101  
2000 Georgetown Drive  
Brevard, PA 15113

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 #: MND23 N-4H  
DRAWING #: MND23 N-4H  
SCALE: 1"=2000'  
MINIMUM DEGREE OF ACCURACY: 1/2500  
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 636.58'

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OFFICE OF OIL & GAS  
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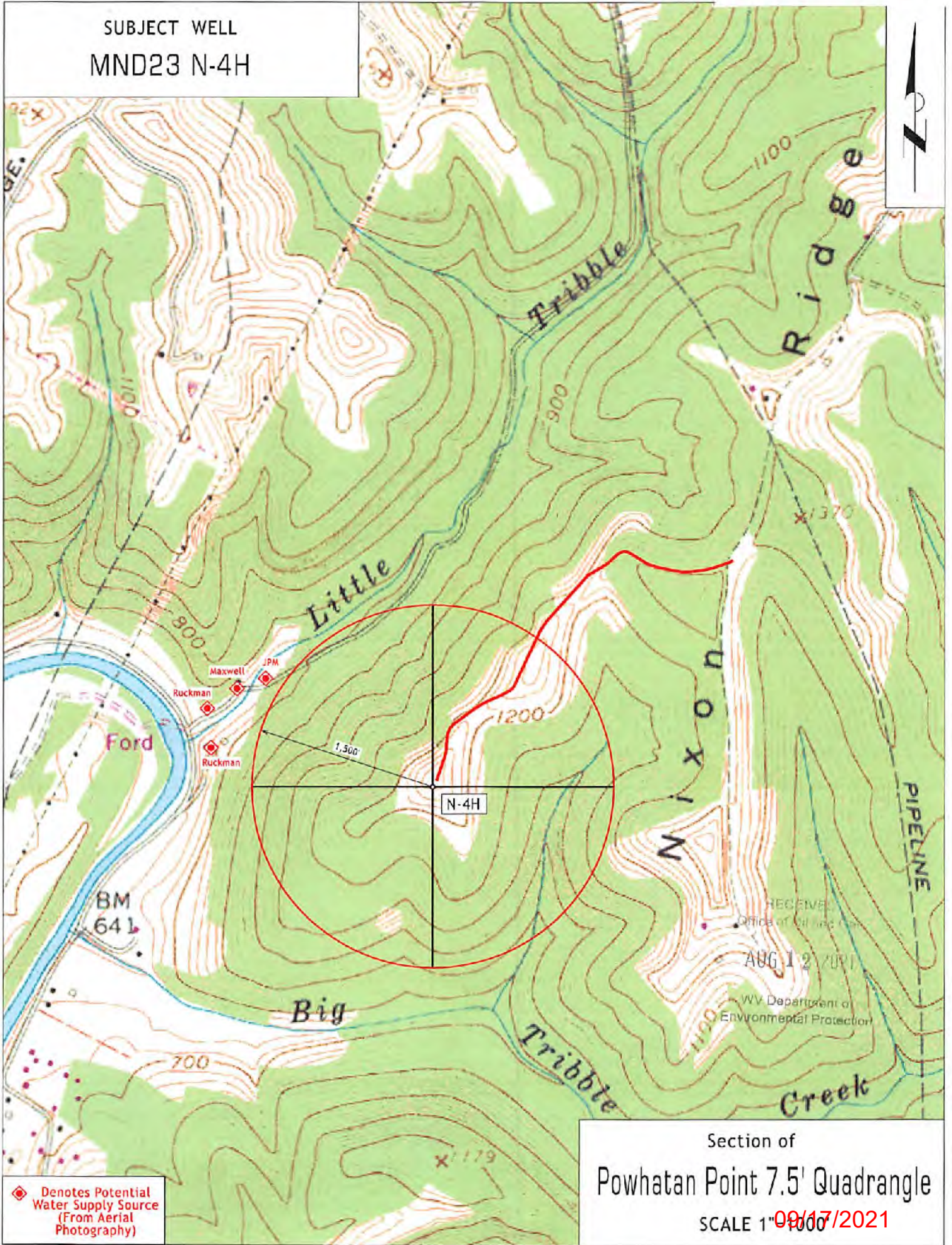
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City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

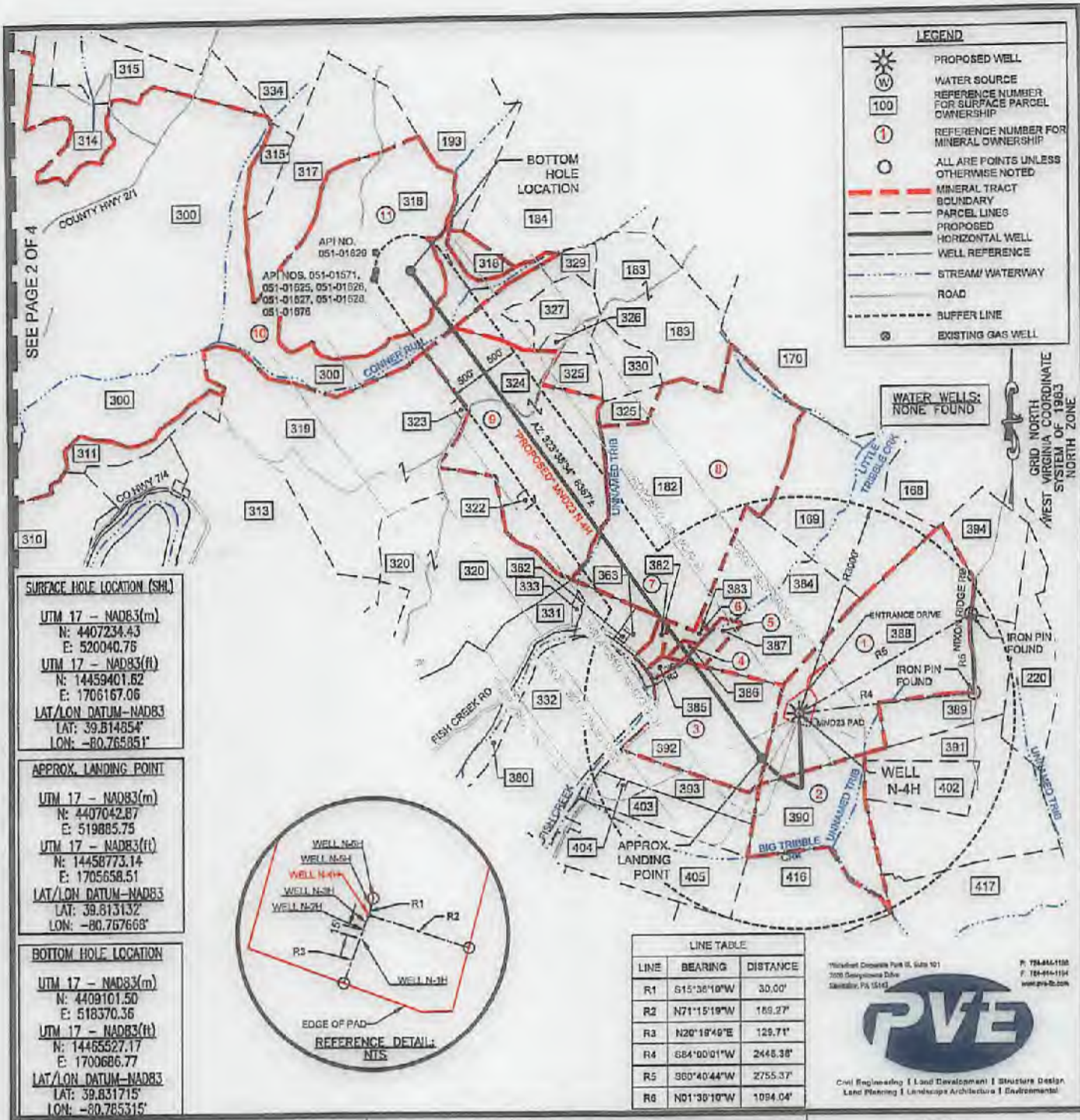
DATE: FEBRUARY 26, 2019  
OPERATOR'S WELL #: MND23 N-4H RECEIVED  
API WELL # 47 51 Office of Oil and Gas  
STATE COUNTY ABINGDON 02410  
WV Department of Environmental Protection  
PAGE: 4 OF 4  
09/17/2021

SUBJECT WELL  
MND23 N-4H



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Section of  
Powhatan Point 7.5' Quadrangle  
SCALE 1" = 1000'  
09/17/2021



**SURFACE HOLE LOCATION (SHL)**  
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 E: 520040.76  
 UTM 17 - NAD83(ft)  
 N: 14459401.62  
 E: 1706167.06  
 LAT/LON DATUM-NAD83  
 LAT: 39.814854°  
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**APPROX. LANDING POINT**  
 UTM 17 - NAD83(m)  
 N: 4407042.87  
 E: 519885.75  
 UTM 17 - NAD83(ft)  
 N: 14458773.14  
 E: 1705658.51  
 LAT/LON DATUM-NAD83  
 LAT: 39.813132°  
 LON: -80.767668°


**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83(m)  
 N: 4409101.50  
 E: 518370.36  
 UTM 17 - NAD83(ft)  
 N: 14465527.17  
 E: 1700686.77  
 LAT/LON DATUM-NAD83  
 LAT: 39.831715°  
 LON: -80.765315°

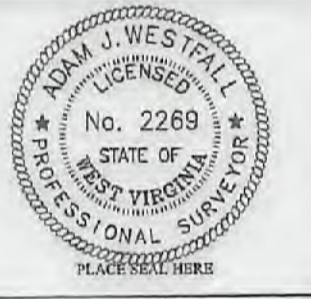
LINE	BEARING	DISTANCE
R1	S15°36'10"W	30.00'
R2	N71°15'19"W	169.27'
R3	N20°18'49"E	129.71'
R4	S84°00'01"W	2448.38'
R5	S60°40'44"W	2755.37'
R6	N01°30'10"W	1094.04'



FILE #: MND23 N-4H  
 DRAWING #: MND23 N-4H  
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: FEBRUARY 26, 2019  
 OPERATOR'S WELL #: MND23 N-4H  
 API WELL # 47 51 02410 H6A  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1240'  
 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: 128.6

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: 15,449' ±  
 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

Bottom Hole is located on topo map 590 feet south of Latitude: 39° 50' 00"

Well is located on topo map 6,731 feet south of Latitude: 39° 50' 00"

Bottom Hole is located on topo map 9,918 feet west of Longitude: 80° 45' 00"  
 Well is located on topo map 4,453 feet west of Longitude: 80° 45' 00"

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 herein. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

DETAIL (REMAINDER OF AFFECTED PARCEL REFERENCE # 300) SCALE: 1"=2,000'



GRID NORTH  
WEST VIRGINIA COORDINATE  
SYSTEM OF 1983  
NORTH ZONE

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

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83(m)  
 N: 4407234.43  
 E: 520040.76  
 UTM 17 - NAD83(ft)  
 N: 14459401.62  
 E: 1706167.06  
 LAT/LON DATUM-NAD83  
 LAT: 39.814854°  
 LON: -80.765851°

**APPROX. LANDING POINT**  
 UTM 17 - NAD83(m)  
 N: 4407042.87  
 E: 519885.75  
 UTM 17 - NAD83(ft)  
 N: 14458773.14  
 E: 1705658.51  
 LAT/LON DATUM-NAD83  
 LAT: 39.813132°  
 LON: -80.767668°

**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83(m)  
 N: 4408101.50  
 E: 518370.36  
 UTM 17 - NAD83(ft)  
 N: 14465527.17  
 E: 1706686.77  
 LAT/LON DATUM-NAD83  
 LAT: 39.831715°  
 LON: -80.785315°

Waterford Corridor Plat II, Sub 1B  
 2000 Danglestone Drive  
 Seaside, PA 15129

P: 724-444-1100  
 F: 724-444-1191  
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FILE #: MND23 N-4H  
 DRAWING #: MND23 N-4H  
 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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09/17/2021

168	MCCLINTOCK DALE ET. UX.	TAX MAP NO. 05-0004-0013-0000-0000	388	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0000-0000
169	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0015-0000-0000	389	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0002-0000
170	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0001-0000-0000	390	LEGG JAMES R. EST.	TAX MAP NO. 05-0009-0003-0000-0000
182	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0012-0000-0000	391	MCCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0006-0000-0000
183	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0011-0000-0000	392	RUCKMAN JESSIE GLADYS - LIFE	TAX MAP NO. 05-0009-0001-0000-0000
184	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0012-0000-0000	393	LEGG JEFFERY L.	TAX MAP NO. 05-0009-0002-0001-0000
193	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0005-0000-0000	394	ANDERSON RHONDA MARIE	TAX MAP NO. 05-0004-0014-0001-0000
220	MORRIS FRED H ET UX	TAX MAP NO. 05-0004-0009-0000-0000	402	MCCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0005-0000-0000
298	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0011-0000-0000	403	LEGG JAMES R. EST	TAX MAP NO. 05-0009-0002-0000-0000
299	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0003-0000-0000	404	WHITE KENNETH E ET UX	TAX MAP NO. 05-0009-0002-0002-0000
300	OHIO POWER CO.	TAX MAP NO. 05-0006-0003-0000-0000	405	ARNOLD LLOYD C & JUDITH C.	TAX MAP NO. 05-0009-0005-0000-0000
301	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0005-0000-0000	416	ARNOLD LLOYD C & JUDITH C.	TAX MAP NO. 05-0009-0041-0000-0000
302	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0009-0000-0000	417	STOUT JAMES L.	TAX MAP NO. 05-0009-0007-0000-0000
303	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0001-0000-0000			
304	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0016-0000-0000			
305	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0013-0000-0000			
306	OHIO POWER CO.	TAX MAP NO. 05-0006-0010-0000-0000			
307	CNX GAS COMPANY LLC.	TAX MAP NO. 05-0007-0005-0000-0000			
308	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0002-0000-0000			
309	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0003-0000-0000			
310	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0004-0000-0000			
311	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0004-0000-0000			
313	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000			
314	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000			
315	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0002-0000-0000			
316	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0001-0000-0000			
317	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0001-0000-0000			
318	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0002-0000-0000			
319	OHIO POWER CO.	TAX MAP NO. 05-0005-0003-0000-0000			
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			
326	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0006-0000-0000			
327	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0009-0000-0000			
329	MOELROY 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. 05-0008-0005-0000-0000			
334	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0003-0000-0000			
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			
365	OHIO POWER COMPANY	TAX MAP NO. 05-0001-0022-0000-0000			
380	WV DIVISION OF NATURAL RESOURCES	REFERENCE NO. Q-091860000			
382	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. 05-0004-0018-0000-0000			
387	HOLMAN TERRY L.	TAX MAP NO. 05-0004-0017-0000-0000			

Waterford Corporate Park III, Suite 128  
2000 Springwood Drive  
Greenville, PA 17143

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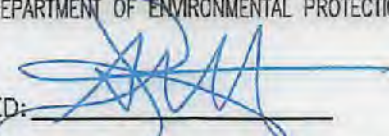


Civil Engineering | Land Development | Structure Design  
Land Planning | Landscape Architecture | Environmental

LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE #: MND23 N-4H  
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09/17/2021



Well Number	Well Name	Operator	County	Acres
①	05-0004-0014-0000-0000	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	
		CONNOR JUDITH MAY	CHEVRON USA INC	
		SCHIBELHOOD 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	05-0009-0003-0000-0000	James Redman Legg II ET AL	Noble Energy, Inc.	390
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
	NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC		
③	05-0009-0001-0000-0000, 05-0009-0001-0001-0000, 05-0009-0001-0002-0000, 05-0009-0001-0003-0000, 05-0009-0001-0004-0000	Jessi Gladys Ruckman Et Al	Noble Energy, Inc.	392, 392, 385, 392, 363
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
④	05-0004-0019-0000-0000	William L. Maxwell JR	TriEnergy Holdings	386
		TriEnergy Holdings	Chevron USA INC	
	Chevron USA INC	HG ENERGY II APPALACHIA, LLC		
⑤	05-0004-0017-0000-0000	Terry Holman	TriEnergy Holdings	387
		TriEnergy Holdings	Chevron USA INC	
	Chevron USA INC	HG ENERGY II APPALACHIA, LLC		
⑥	05-0004-0018-0000-0000	William L. Maxwell JR	TriEnergy Holdings	383
		TriEnergy Holdings	Chevron USA INC	
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
⑦	05-0009-0001-0000-0000, 05-0009-0001-0001-0000, 05-0009-0001-0002-0000, 05-0009-0001-0003-0000, 05-0009-0001-0004-0000	Jessi Gladys Ruckman Et Al	Noble Energy, Inc.	392, 392, 385, 392, 363
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑧	05-0005-0012-0000-0000	Barbara Kay Ewing and Wilber E. Ewing	NOBLE ENERGY INC	182

		Charles Howard Bassett JR and Ruby D. Bassett	NOBLE ENERGY INC	
		Cynthia P. Hopkins, as Trustee of the Cynthia P. Hopkins Revocable Trust	NOBLE ENERGY INC	
		Elizabeth A. Strussbaugh and James R. Strussbaugh	NOBLE ENERGY INC	
		Janet and John Blankenship	NOBLE ENERGY INC	
		Jean C. Thomas	NOBLE ENERGY INC	
		Mary E. Bassett	NOBLE ENERGY INC	
		Robert B. and Violet Thomas	NOBLE ENERGY INC	
		Roger B. and Inken P. Rose	NOBLE ENERGY INC	
		Ruth Ann and Furman F. Wallace	NOBLE ENERGY INC	
		Ruth E. Bassett Meadows and O.W. Meadows Jr	NOBLE ENERGY INC	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑨	05-0005-0006-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	324
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑩	05-0005-0003-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	300
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑪	05-0005-0002-0000-0000	Margaret Games	CNX Gas Company, LLC	318
		Elizabeth Patterson	CNX Gas Company, LLC	
		Charles J. Wiesner	CNX Gas Company, LLC	
		John Wiesner	CNX Gas Company, LLC	
		Kenneth Schmitt	CNX Gas Company, LLC	
		Mary Ellen Sedon	CNX Gas Company, LLC	
		Alfred Kaczorowski, Jr., & Sharon M. Kaczorowski, his wife	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

Wellhead Capacity Plan II, Sheet 101  
2000 Georgetown Court  
Sandyville, Pa 15143

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Load Planning | Landscape Architecture | Environmental

LEGEND

①

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