

Waterford Corporate Park II, Suite 101
2009 Georgetown Drive
Geokilby, PA 15116

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

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

FILE #: MND23 N-1H

DRAWING #: MND23 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

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

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER
COUNTY/DISTRICT: MARSHALL / FRANKLIN

SURFACE OWNER: HG 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: FEBRUARY 26, 2019

OPERATOR'S WELL #: MND23 N-1H

API WELL # 47 51 02407 HSA
STATE COUNTY PERMIT

ELEVATION: 1,240'
QUADRANGLE: POWHATAN POINT, W. VA/OHIO
ACREAGE: 126.6

ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,014' ±
DESIGNATED AGENT: DIANE C. WHITE
Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101

09/17/2021
Office of Oil and Gas

Bottom Hole is located on topo map 1,812 feet south of Latitude: 39° 50' 00"

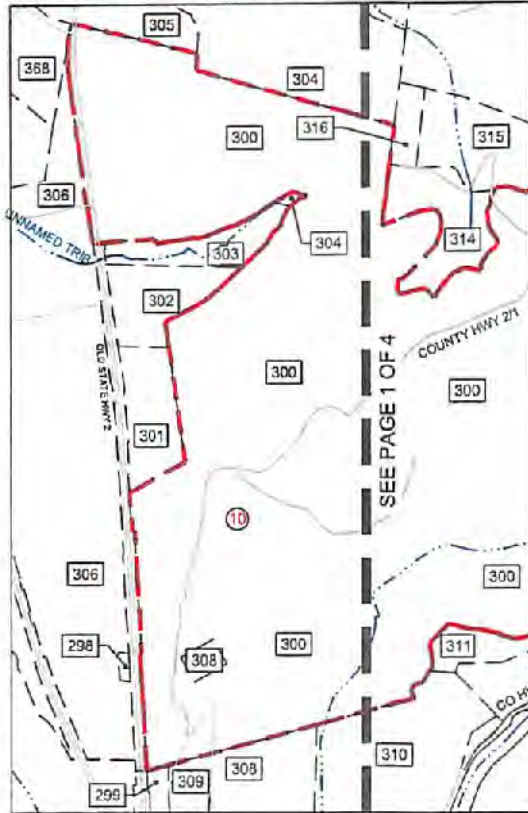
Well is located on topo map 6,775 feet south of Latitude: 39° 50' 00"

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 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 111 feet west of Longitude: 80° 47' 30"
 Well is located on topo map 4,464 feet west of Longitude: 80° 45' 00"

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



SURFACE HOLE LOCATION (SHL)	
UTM 17 - NAD83(m)	N: 4407221.16 E: 520037.30
UTM 17 - NAD83(ft)	N: 14459358.08 E: 1706155.70
LAT/LON DATUM-NAD83	LAT: 39.814735° LON: -80.765892°
APPROX. LANDING POINT	
UTM 17 - NAD83(m)	N: 4406948.73 E: 519103.48
UTM 17 - NAD83(ft)	N: 14458464.26 E: 1703092.01
LAT/LON DATUM-NAD83	LAT: 39.812302° LON: -80.776810°
BOTTOM HOLE LOCATION	
UTM 17 - NAD83(m)	N: 4408727.76 E: 517793.90
UTM 17 - NAD83(ft)	N: 14464301.00 E: 1698795.50
LAT/LON DATUM-NAD83	LAT: 39.828359° LON: -80.792062°

Wildcat Corridor Path II, Suite 101
 2000 Georgetown Drive
 Canaan, PA 15113

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 #: MND23 N-1H
 DRAWING #: MND23 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: FEBRUARY 26, 2019
 OPERATOR'S WELL #: MND23 N-1H
 API WELL # 47 51 02407
 STATE COUNTY PERMIT

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

PAGE: 2 OF 4

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1,240'
 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: 15,014' ±
 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
 09/17/2021
 AUG 1 2 2021

WV Department of Environmental Protection

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
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
220	MORRIS FRED H ET UX	TAX MAP NO. 05-0004-0009-0000-0000
298	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0011-0000-0000
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. 05-0006-0005-0000-0000
302	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0006-0000-0000
303	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0006-0001-0000-0000
304	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0018-0000-0000
305	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0004-0013-0000-0000
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. 05-0005-0004-0000-0000
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. 05-0005-0006-0000-0000
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 - LIFE	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
341	DELBRUGGE EMERALD H JR.	TAX MAP NO. 05-0008-0003-0000-0000
342	BEIRSFORD BESSIE M. EST	TAX MAP NO. 05-0008-0004-0000-0000
361	NIEMAN FRANCES E.	TAX MAP NO. 05-0008-0004-0001-0000
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
379	ARRUDA JOHN F. ET UX.	TAX MAP NO. 05-0005-0004-0001-0000
380	WV DIVISION OF NATURAL RESOURCES	NO ASSIGNED TRACT #
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
389	HOLSTINE BERNARD W. & ROXANN L
390	LEGG JAMES R. EST.
391	MCCINTOCK DALE EDWARD
392	RUCKMAN JESSIE GLADYS - LIFE
393	LEGG JEFFERY L
394	ANDERSON RHONDA MARIE
402	MCCINTOCK DALE EDWARD
403	LEGG JAMES R EST
404	WHITE KENNETH E ET UX
405	ARNCLD LLOYD C & JUDITH C
406	FRANCIS JAMES EDWARD ET UX
407	DALLISON LUMBER CO
408	ARRICK DAVID H ET UX
409	RINE WALTER C
410	JACKSON JAMES B JR ET UX
411	WHITT PAUL
412	MOORE RANDYLYN ET AL
413	YOHO RONALD G ET AL
414	ROUPE WILLIAM N ET UX
415	CAMPBELL BRUCE S

TAX MAP NO. 05-0004-0014-0000-0000
TAX MAP NO. 05-0004-0014-0002-0000
TAX MAP NO. 05-0009-0003-0000-0000
TAX MAP NO. 05-0009-0006-0000-0000
TAX MAP NO. 05-0009-0001-0000-0000
TAX MAP NO. 05-0009-0002-0001-0000
TAX MAP NO. 05-0004-0014-0001-0000
TAX MAP NO. 05-0008-0005-0000-0000
TAX MAP NO. 05-0008-0002-0000-0000
TAX MAP NO. 05-0009-0002-0002-0000
TAX MAP NO. 05-0009-0003-0000-0000
TAX MAP NO. 05-0008-0003-0000-0000
TAX MAP NO. 05-0009-0001-0000-0000
TAX MAP NO. 05-0011-0004-0000-0000
TAX MAP NO. 05-0011-0002-0000-0000
TAX MAP NO. 05-0008-0009-0000-0000
TAX MAP NO. 05-0011-0001-0005-0000
TAX MAP NO. 05-0011-0001-0000-0000
TAX MAP NO. 05-0007-0002-0000-0000
TAX MAP NO. 05-0007-0003-0000-0000
TAX MAP NO. 05-0007-0001-0000-0000

Wildcat Canyon Park II, Suite 101
300 Georgetown Drive
Brevard, PA 15140

P. 724-44-1100
F. 724-44-1104
www.pve.com



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

LEGEND

100 REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

① REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND23 N-1H


DRAWING #: MND23 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: 

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



PLACE SEAL HERE

(+) 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: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1,240'

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

WELL OPERATOR: HG ENERGY II APPALACHIA, LLC

Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101



DATE: FEBRUARY 26, 2019

OPERATOR'S WELL #: MND23 N-1H

API WELL # 47 51 02407

STATE COUNTY PERMIT

PAGE: 3 OF 4

09/17/2021
Office of Oil and Gas
AUG 13 2019
WV Department of Environmental Protection

HG Plat Number	MPID	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	
		CROBIN 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	05-0009-0001-0000-0000, 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, 362, 385, 382, 363
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
3	05-0009-0002-0001-0000	Jeffrey L. Legg	Noble Energy, Inc.	393
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
4	05-0009-0002-0000-0000	James Redman Legg II ET AL	Noble Energy, Inc.	403
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
5	05-0008-0007-0000-0000	Edwin C. Miller and Kimberly Ann Miller	Noble Energy, Inc.	332
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		Noble Energy, Inc.	HG ENERGY II APPALACHIA, LLC	
6	NO ASSIGNED TRACT #	WV Division of Natural Resources	Noble Energy, Inc.	380

		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
7	05-0008-0005-0000-0000	Richard J. Gatts	Chevron USA INC	331
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
8	05-0005-0004-0000-0000	Barbara Kay Ewing and Wilber E. Ewing	NOBLE ENERGY INC	320
		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 Irken 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	05-0005-0003-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	319
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
10	05-0006-0003-0000-0000	Consolidation Coal Company	CNX Gas Company, LLC	300
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

Waterford Corporate Park III, Suite 101
2000 Georgetown Drive
Savannah, GA 31403

P: 770-444-1100
F: 770-444-1104
www.pve.com



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

LEGEND	
1	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND23 N-1H


DRAWING #: MND23 N-1H

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 139: 636.59'

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

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

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1,240'

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

WELL OPERATOR: HG ENERGY II APPALACHIA, LLC

Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101

DATE: FEBRUARY 26, 2019

OPERATOR'S WELL #: MND23 N-1H

API WELL # 47 51 02407

STATE COUNTY PERMIT

PAGE: 4 OF 4

ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,014' ±

DESIGNATED AGENT: DIANE C. WHITE

Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101

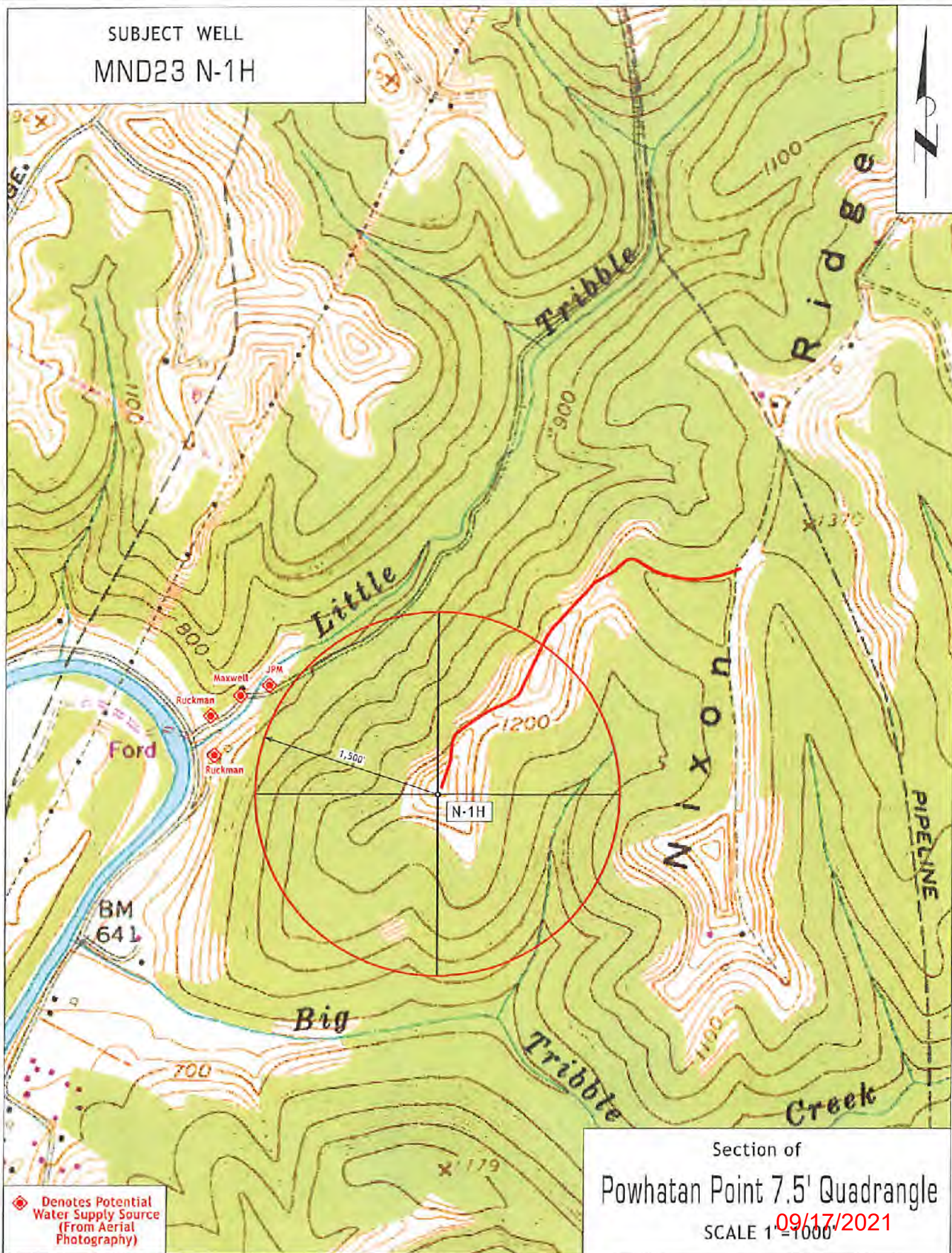
09/17/2021

RECEIVED
Office of Oil and Gas

AUG 12 2021

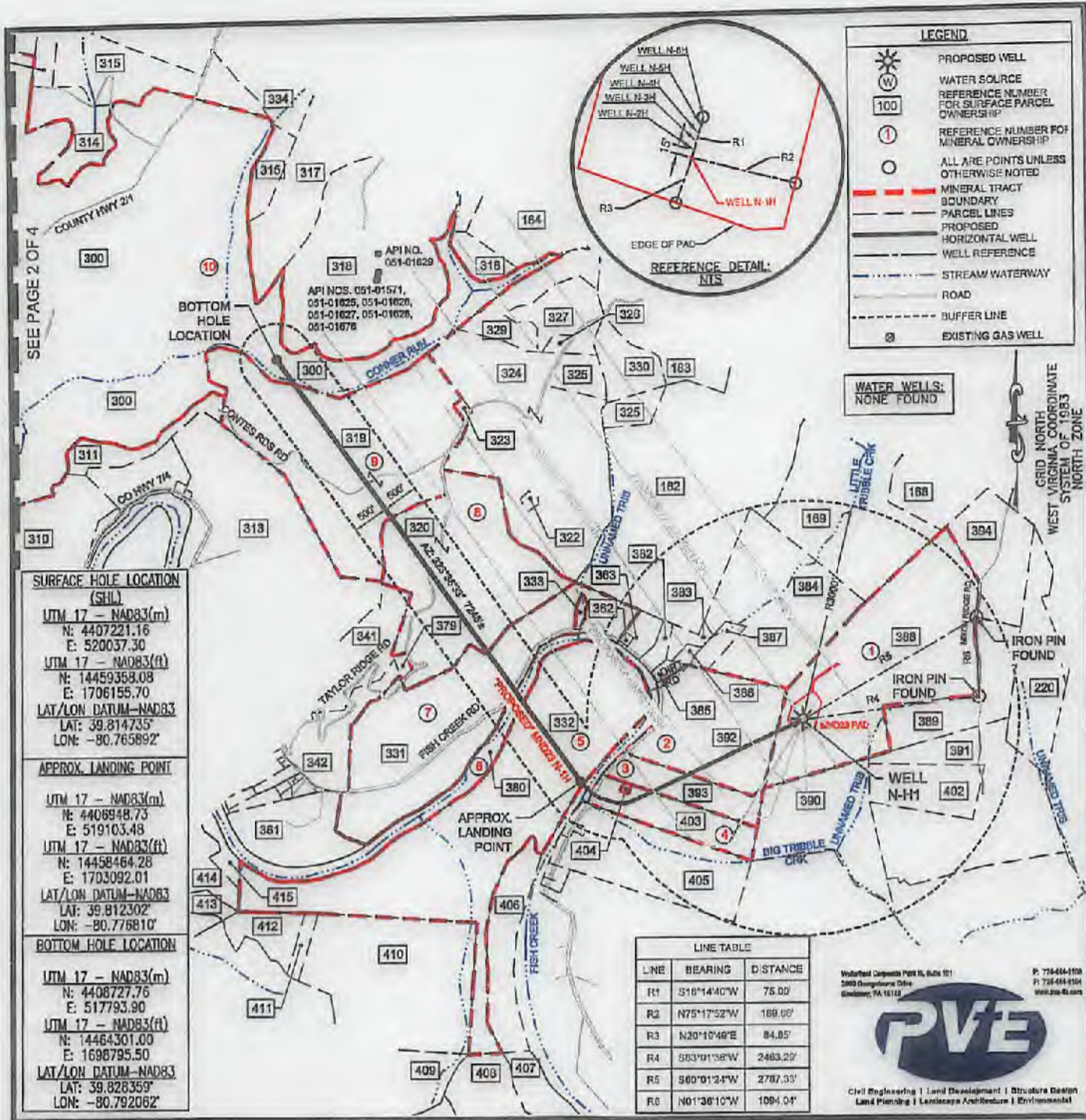
WV Department of Environmental Protection

SUBJECT WELL
MND23 N-1H



◆ Denotes Potential Water Supply Source (From Aerial Photography)

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



FILE #: MND23 N-1H

DRAWING #: MND23 N-1H

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.53'

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

Volunteer Geoprobe Per. No. 616 101
2809 Chesapeake Drive
Glenshaw, PA 15116

P. 724-664-1108
F. 724-664-1104
www.pve.com

PVE

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

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-1H

API WELL # 47 51 02407 HG

STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep

Gas Liquid Injection Storage Shallow

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1,240'

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: 15,014' ±

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 1,812 feet south of Latitude: 39° 50' 00"

Well is located on topo map 6,775 feet south of Latitude: 39° 50' 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 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 111 feet west of Longitude: 80° 47' 30"
Well is located on topo map 4,464 feet west of Longitude: 80° 45' 00"

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

SURFACE HOLE LOCATION (SHL)	
UTM 17 - NAD83(m)	
N:	4407221.16
E:	520037.30
UTM 17 - NAD83(ft)	
N:	14458358.08
E:	1705155.70
LAT/LON DATUM-NAD83	
LAT:	39.814735°
LON:	-80.765892°
APPROX. LANDING POINT	
UTM 17 - NAD83(m)	
N:	4406948.73
E:	519103.48
UTM 17 - NAD83(ft)	
N:	14458454.28
E:	1703092.01
LAT/LON DATUM-NAD83	
LAT:	39.812302°
LON:	-80.776810°
BOTTOM HOLE LOCATION	
UTM 17 - NAD83(m)	
N:	4408727.76
E:	517793.90
UTM 17 - NAD83(ft)	
N:	14464301.00
E:	1698795.50
LAT/LON DATUM-NAD83	
LAT:	39.828359°
LON:	-80.792062°



GRID NORTH
WEST VIRGINIA COORDINATE
SYSTEM OF 1985
NORTH ZONE

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

Waterford Company Plot B, Suite 101
2500 Georgetown Pike
Brentwood, PA 15110

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



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

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

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: FEBRUARY 26, 2019
OPERATOR'S WELL #: MND23 N-1H
API WELL # 47 51 02407
STATE COUNTY PERMIT

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

PAGE: 2 OF 4

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1,240'
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)

09/17/2021

TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,014' ±
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	388	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0000-0000
169	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0004-0016-0000-0000	389	HOLSTINE BERNARD W. & ROXANN L.	TAX MAP NO. 05-0004-0014-0002-0000
182	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0005-0012-0000-0000	390	LEGG JAMES R. EST.	TAX MAP NO. 05-0009-0003-0000-0000
183	FRANKLIN REAL ESTATE CO.	TAX MAP NO. 05-0005-0011-0000-0000	391	MCCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0008-0000-0000
184	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0012-0000-0000	392	RUCKMAN JESSIE GLADYS - LIFE	TAX MAP NO. 05-0009-0001-0000-0000
220	MORRIS FRED H ET UX	TAX MAP NO. 05-0004-0009-0000-0000	393	LEGG JEFFERY L.	TAX MAP NO. 05-0009-0002-0001-0000
298	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0008-0011-0000-0000	394	ANDERSON RHONDA MARIE	TAX MAP NO. 05-0004-0014-0001-0000
299	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0003-0000-0000	402	MCCLINTOCK DALE EDWARD	TAX MAP NO. 05-0009-0005-0000-0000
300	OHIO POWER CO.	TAX MAP NO. 05-0006-0003-0000-0000	403	LEGG JAMES R EST	TAX MAP NO. 05-0009-0002-0000-0000
301	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0008-0005-0000-0000	404	WHITE KENNETH E ET UX	TAX MAP NO. 05-0009-0002-0002-0000
302	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0008-0009-0000-0000	405	ARNOLD LLOYD C & JUDITH C	TAX MAP NO. 05-0009-0005-0000-0000
303	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0008-0001-0000-0000	406	FRANCIS JAMES EDWARD ET UX	TAX MAP NO. 05-0009-0008-0000-0000
304	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0015-0000-0000	407	DALLISON LUMBER CO	TAX MAP NO. 05-0009-0031-0000-0000
305	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0001-0013-0000-0000	408	ARRICK DAVID H ET UX	TAX MAP NO. 05-0011-0004-0000-0000
306	OHIO POWER CO.	TAX MAP NO. 05-0008-0010-0000-0000	409	RINE WALTER C	TAX MAP NO. 05-0011-0002-0000-0000
307	CNX GAS COMPANY LLC.	TAX MAP NO. 05-0007-0006-0000-0000	410	JACKSON JAMES B JR ET UX	TAX MAP NO. 05-0009-0009-0000-0000
308	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0002-0000-0000	411	WHITT PAUL	TAX MAP NO. 05-0011-0001-0005-0000
309	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0003-0000-0000	412	MOORE RANDYLYN ET AL	TAX MAP NO. 05-0011-0001-0000-0000
310	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0007-0004-0000-0000	413	YOHIO RONALD G ET AL	TAX MAP NO. 05-0007-0032-0000-0000
311	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0008-0004-0000-0000	414	ROUPE WILLIAM H ET UX	TAX MAP NO. 05-0007-0051-0000-0000
313	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0009-0002-0000-0000	415	CAMPBELL BRUCE S	TAX MAP NO. 05-0007-0031-0001-0000
314	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0008-0002-0000-0000			
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. 05-0005-0006-0000-0000			
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 - LIFE	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. 05-0008-0008-0000-0000			
334	CONSOLIDATION COAL COMPANY	TAX MAP NO. 05-0002-0003-0000-0000			
341	DELBRUGGE EMERALD H JR.	TAX MAP NO. 05-0008-0003-0000-0000			
342	BERISFORD BESSIE M. EST.	TAX MAP NO. 05-0008-0004-0000-0000			
361	NIEMAN FRANCES E.	TAX MAP NO. 05-0008-0004-0001-0000			
362	CLARK BEVERLY E.	TAX MAP NO. 05-0009-0001-0001-0000			
363	RUCKMAN SHELTON R. ET. AL	TAX MAP NO. 05-0009-0001-0004-0000			
368	OHIO POWER COMPANY	TAX MAP NO. 05-0001-0022-0000-0000			
379	ARRUDA JOHN F. ET. UX	TAX MAP NO. 05-0005-0004-0001-0000			
380	WV DIVISION OF NATURAL RESOURCES	NO ASSIGNED TRACT #			
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 JR.	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			

Unlimited Corporate Park II, Suite 121
2802 Chesapeake Drive
Dunstable, PA 17015



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

P: 724-468-1800
F: 724-468-4104
www.pve.com

LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP
①	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND23 N-1H
DRAWING #: MND23 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: FEBRUARY 26, 2019
OPERATOR'S WELL #: MND23 N-1H
API WELL # 47 51 02407
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER ELEVATION: 1,240'
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: 15,014' ±
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 Part Number	MPID	Original Lessee	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	
		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	05-0005-0001-0000-0000, 05-0009-0001-0001-0000, 05-0009-0001-0002-0000, 05-0009-0001-0003-0000, 05-0009-0001-0004-0000	Jessal Gladys Ruckman Et Al	Noble Energy, Inc.	392, 362, 385, 382, 363
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
③	05-0009-0002-0001-0000	Jeffrey L. Legg	Noble Energy, Inc.	393
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
④	05-0009-0002-0000-0000	James Redman Legg II ET AL	Noble Energy, Inc.	403
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑤	05-0008-0007-0000-0000	Edwin C. Miller and Klumberly Ann Miller	Noble Energy, Inc.	332
		Noble Energy, Inc.	CNX Gas Company, LLC	
		CNX Gas Company, LLC	Noble Energy, Inc.	
		Noble Energy, Inc.	HG ENERGY II APPALACHIA, LLC	
⑥	NO ASSIGNED TRACT #	WV Division of Natural Resources	Noble Energy, Inc.	380

		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑦	05-0008-0005-0000-0000	Richard J. Gatts	Chevron USA INC	331
		Chevron USA INC	HG ENERGY II APPALACHIA, LLC	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑧	05-0005-0004-0000-0000	Barbara Kay Ewing and Wilber E. Ewing	NOBLE ENERGY INC	320
		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 C.W. Meadows Jr	NOBLE ENERGY INC	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑨	05-0005-0003-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	Noble Energy, Inc.	319
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	
⑩	05-0006-0003-0000-0000	Consolidation Coal Company	CNX Gas Company, LLC	300
		CNX Gas Company, LLC	Noble Energy, Inc.	
		NOBLE ENERGY INC	HG ENERGY II APPALACHIA, LLC	

Wildford Corporate Park II, Suite 101
200 Georgetown Drive
Sewalls, PA 15113

P: 724-461-1100
F: 724-461-1104
www.pve.com



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

LEGEND



REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND23 N-1H

DRAWING #: MND23 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
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:

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



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-1H

API WELL # 47 51 02407
STATE COUNTY PERMIT

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

PAGE: 4 OF 4

WATERSHED: BIG TRIBBLE CREEK-OHIO RIVER

ELEVATION: 1,240'

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: 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: 15,014' ±

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