

FILE #: MND23 N-2H

DRAWING #: MND23 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

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: 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

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-2H

API WELL # 47 51 02408 HGA

STATE COUNTY PERMIT

ESTIMATED DEPTH TVD: 6,535' ± TMD: 15,875' ±

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

Bottom Hole is located on topo map 1,453 feet south of Latitude: 39° 50' 00"

Well is located on topo map 6,760 feet south of Latitude: 39° 50' 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

Bottom Hole is located on topo map 11,146 feet west of Longitude: 80° 45' 00"
Well is located on topo map 4,460 feet west of Longitude: 80° 45' 00"

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



GRID NORTH
WEST VIRGINIA COORDINATE SYSTEM OF 1983
NORTH ZONE

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
N: 4407225.58
E: 520038.45

UTM 17 - NAD83(ft)
N: 14459372.59
E: 1706159.49

LAT/LON DATUM-NAD83
LAT: 39.814775'
LON: -80.765878'

APPROX. LANDING POINT

UTM 17 - NAD83(m)
N: 4405776.48
E: 519514.13

UTM 17 - NAD83(ft)
N: 14457899.17
E: 1704439.28

LAT/LON DATUM-NAD83
LAT: 39.810741'
LON: -80.772018'

BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)
N: 4408837.67
E: 517996.86

UTM 17 - NAD83(ft)
N: 14464661.59
E: 1699461.36

LAT/LON DATUM-NAD83
LAT: 39.829345'
LON: -80.789687'

Woodford Deyron Park II, Suite 101
2007 Congressional Drive
Sandy, PA 15143

P: 724-488-1100
F: 724-488-1104
www.pve-llc.com



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

LEGEND

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

FILE #: MND23 N-2H

DRAWING #: MND23 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: 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



DATE: FEBRUARY 26, 2019

OPERATOR'S WELL #: MND23 N-2H

API WELL # 47 51 02408
STATE COUNTY PERMIT

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: 15,875' ±

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

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

| | | |
|-----|----------------------------------|------------------------------------|
| 158 | MCGILNTOCK DALE ET. UX. | TAX MAP NO. 05-0004-0013-0000-0000 |
| 159 | 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 |
| 193 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0002-0005-0000-0000 |
| 220 | MORRIS FRED H ET UX | TAX MAP NO. 05-0004-0003-0000-0000 |
| 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. 05-0005-0003-0000-0000 |
| 301 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0005-0005-0000-0000 |
| 302 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0005-0005-0000-0000 |
| 303 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0005-0001-0000-0000 |
| 304 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0001-0015-0000-0000 |
| 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. 05-0005-0004-0000-0000 |
| 313 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0009-0002-0000-0000 |
| 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. 05-0005-0008-0000-0000 |
| 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 | DELBURGG E 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 SHELDON 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. 05-0004-0015-0000-0000 |
| 384 | HOLMAN TERRY L. | TAX MAP NO. 05-0004-0015-0000-0000 |
| 385 | RUCKMAN MARVIN E. | TAX MAP NO. 05-0009-0001-0002-0000 |
| 386 | MAXWELL WILLIAM JR. | TAX MAP NO. 05-0004-0015-0000-0000 |
| 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 | MCGILNTOCK 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 | MCGILNTOCK 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. 05-0009-0003-0000-0000 |
| 406 | FRANCIS JAMES EDWARD ET UX | TAX MAP NO. 05-0009-0005-0000-0000 |
| 407 | DALLISON LUMBER CO | TAX MAP NO. 05-0009-0031-0000-0000 |
| 408 | ARRICK DAVID H ET UX | TAX MAP NO. 05-0011-0004-0000-0000 |
| 409 | RINE WALTER C | TAX MAP NO. 05-0011-0002-0000-0000 |
| 410 | JACKSON JAMES B JR ET UX | TAX MAP NO. 05-0009-0009-0000-0000 |
| 411 | WHITT PAUL | TAX MAP NO. 05-0011-0001-0005-0000 |
| 412 | MCORE RANDYLYN ET AL | TAX MAP NO. 05-0011-0001-0000-0000 |
| 413 | YOHU RONALD G ET AL | TAX MAP NO. 05-0007-0032-0000-0000 |
| 414 | ROUPE WILLIAM N ET UX | TAX MAP NO. 05-0007-0031-0000-0000 |
| 415 | CAMPBELL BRUCE S | TAX MAP NO. 05-0007-0031-0001-0000 |

Wainwright Corporate Park III, Suite 301
2200 Chesapeake Drive
Sewaldy, PA 15141

P 724-444-5100
F 724-444-1104
www.pve.com



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

LEGEND

100 REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE # MND23 N-2H

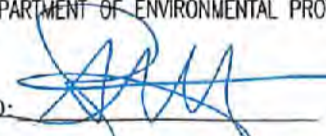
DRAWING # MND23 N-2H

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: 

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: 1240'

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

SURFACE OWNER: HG ENERGY II, APPALACHIA LLC. ACREAGE: 128.8

OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 128.8

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-2H

API WELL # 47 51 02408

STATE COUNTY PERMIT

PAGE: 3 OF 4

09/17/2021

RECEIVED Office of Oil and Gas

AUG 19 2021

ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,875' ±

DESIGNATED AGENT: DIANE C. WHITE

Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101

WV Department of Environmental Protection

| HG Plat Number | NPID | 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 | |
| | | CONNER 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 | 05-0009-0001-0000-0000, 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. | 993 |
| | | 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 G. 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 | |
| | | Geneva Bassett Sanchez | Chevron USA INC | |
| | | Chevron USA 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 | |
| ⑪ | 05-0009-0002-0000-0000 | James Redman Legg II ET AL | Noble Energy, Inc. | 318 |
| | | Noble Energy, Inc. | CNX Gas Company, LLC | |
| | | CNX Gas Company, LLC | Noble Energy, Inc. | |
| | | NOBLE ENERGY INC | HG ENERGY II APPALACHIA, LLC | |

2000 Corporate Park B, Suite 101
2000 Georgiana Drive
Seneca, PA 15143

P: 724-444-1100
F: 724-444-1164
www.pve.com



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

| LEGEND | |
|--------|--|
| ① | REFERENCE NUMBER FOR MINERAL OWNERSHIP |

FILE #: MND23 N-2H

DRAWING #: MND23 N-2H

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE U.S.G.S. MONUMENT
OF ELEVATION: 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.: _____ D.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 28, 2019

OPERATOR'S WELL #: MND23 N-2H

API WELL # 47 51 02408
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: 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: 15,875' ±

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

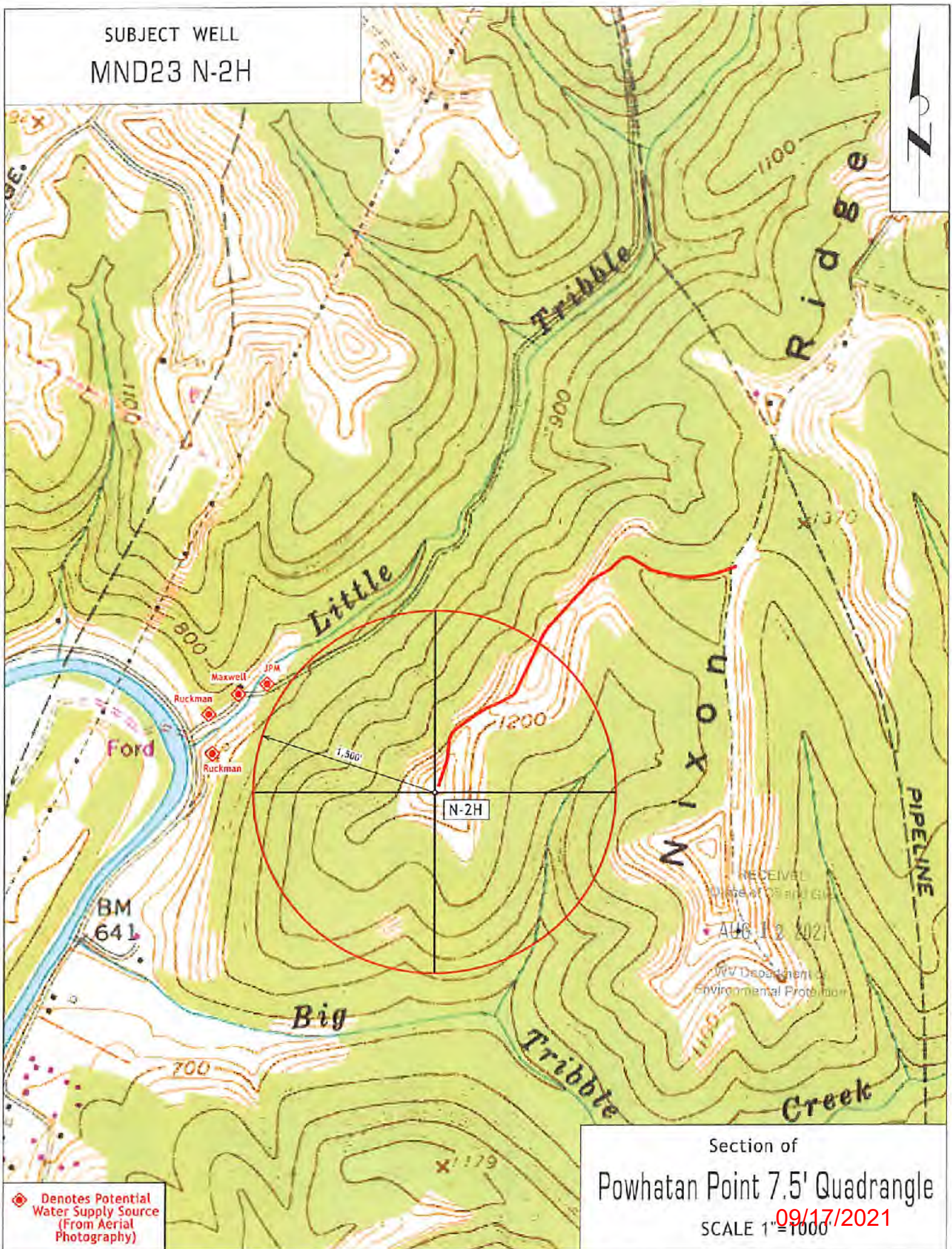
09/17/2021

RECEIVED
Office of Oil and Gas

AUG 12 2021

WV Department of
Environmental Protection

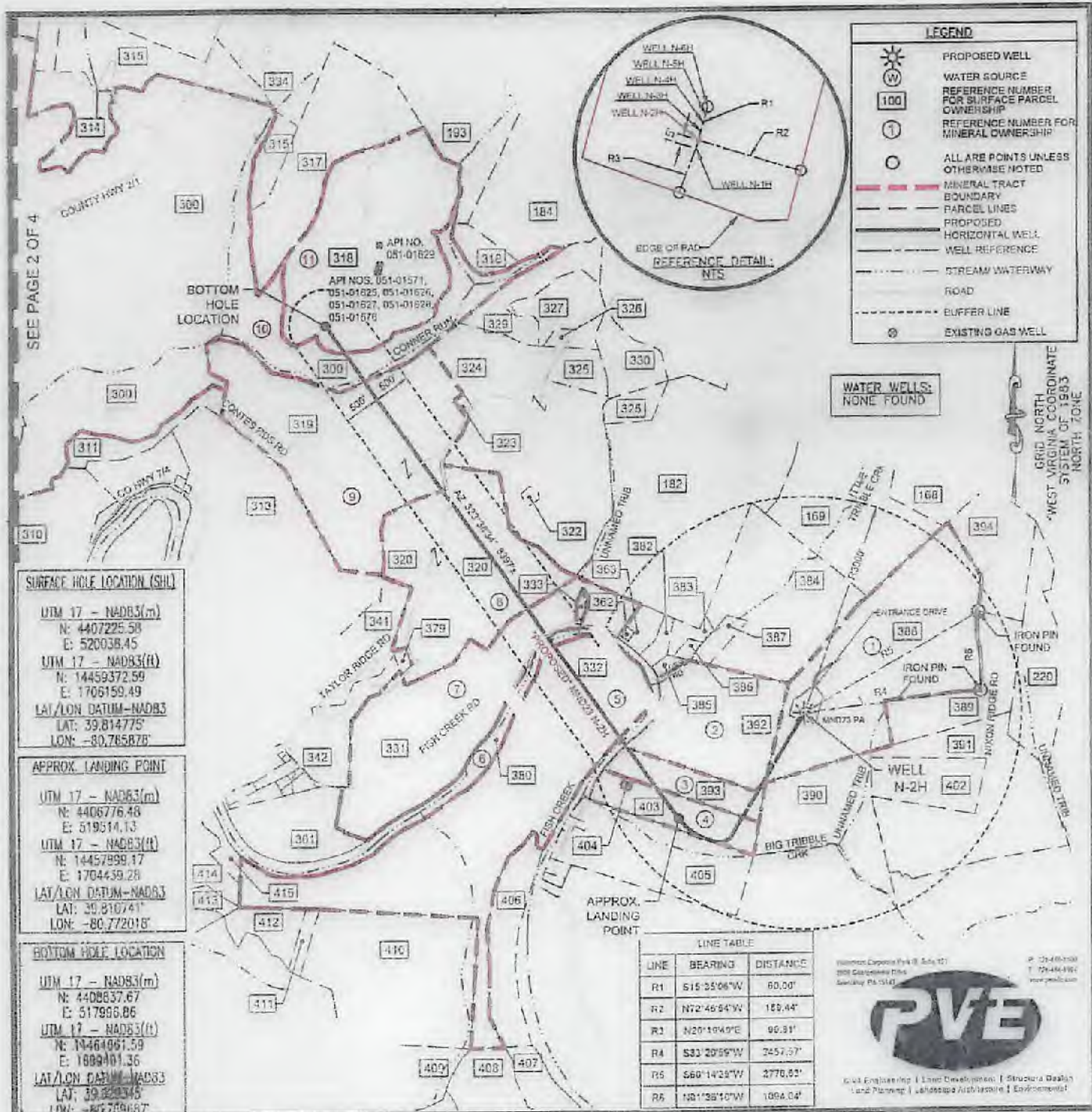
SUBJECT WELL
MND23 N-2H



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Section of
Powhatan Point 7.5' Quadrangle

SCALE 1" = 1000' **09/17/2021**



LEGEND

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

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(m)
N: 4407225.58
E: 520038.45

UTM 17 - NAD83(ft)
N: 14459372.59
E: 1706159.49

LAT/LON DATUM-NAD83
LAT: 39.814775°
LON: -80.765878°

APPROX. LANDING POINT

UTM 17 - NAD83(m)
N: 4406776.48
E: 519514.13

UTM 17 - NAD83(ft)
N: 14457999.17
E: 1704459.28

LAT/LON DATUM-NAD83
LAT: 39.810741°
LON: -80.772018°

BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)
N: 4408837.67
E: 517966.86

UTM 17 - NAD83(ft)
N: 14464961.59
E: 1699401.36

LAT/LON DATUM-NAD83
LAT: 39.829345°
LON: -80.759687°

LINE TABLE

| LINE | BEARING | DISTANCE |
|------|-------------|----------|
| R1 | S15°35'06"W | 80.00' |
| R2 | N72°46'54"W | 189.44' |
| R3 | N20°16'49"E | 90.31' |
| R4 | S33°20'59"W | 2457.57' |
| R5 | S69°14'25"W | 2776.52' |
| R6 | N81°38'10"W | 1064.04' |

William Carpenter Pk 8, Sds 101
2800 Carpenter Drive
Sandy, PA 15146

P: 412-491-1000
F: 412-491-1001
www.pve.com

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

FILE # MND23 N-2H

DRAWING # MND23 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

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: 1249'

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

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

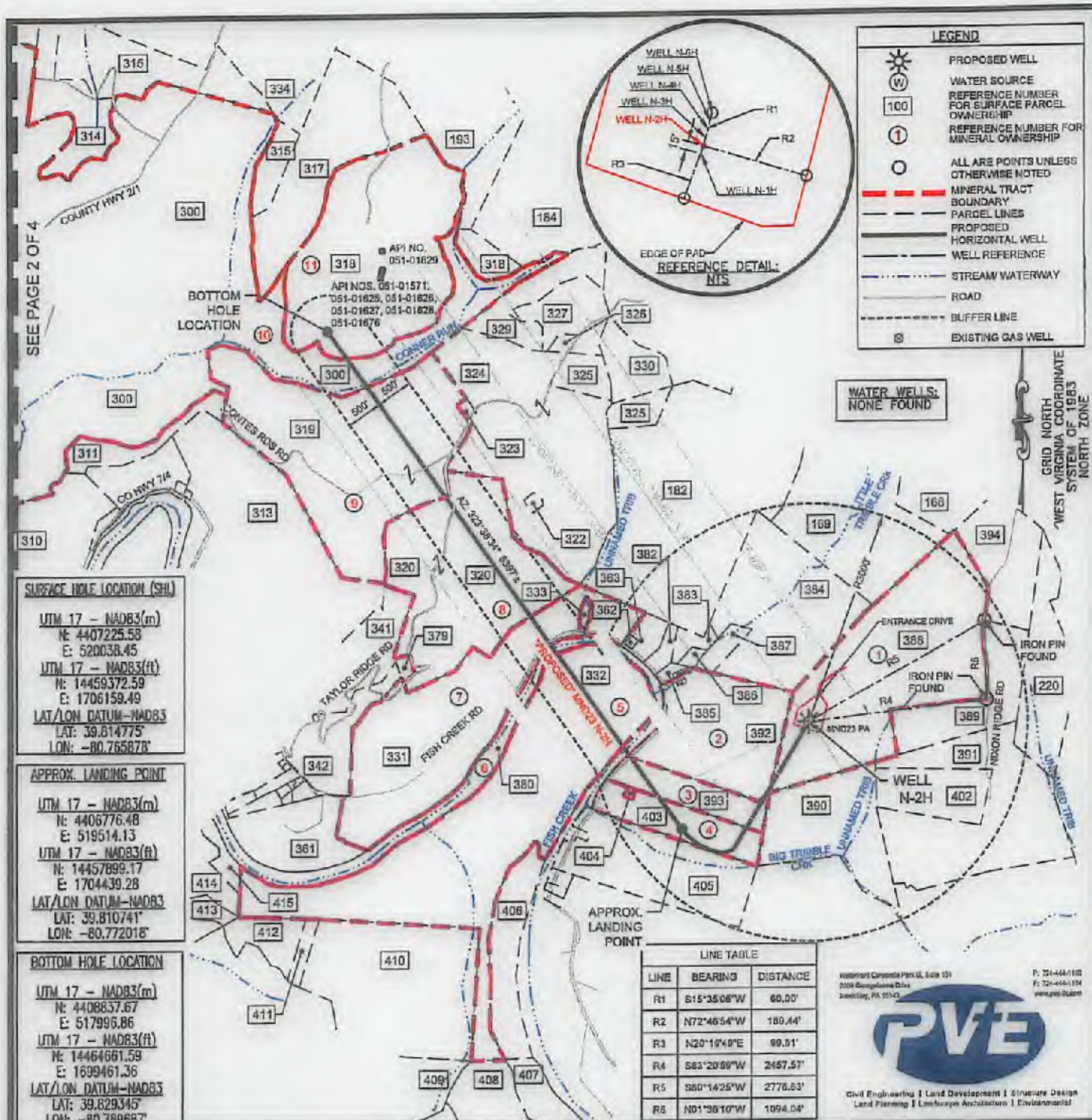
TARGET FORMATION POINT PLEASANT / MARCELLUS ESTIMATED DEPTH TVD 6,535' ± TMD 15,875' ±

WELL OPERATOR HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
Address: 5266 DUPONT ROAD Address: 5266 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

DATE: FEBRUARY 26, 2019
OPERATOR'S WELL #: MND23 N-2H
API WELL # 47 51 02408 H6A
STATE COUNTY PERMIT

PAGE 1 OF 4

09/17/2021
Office of Oil and Gas
AUG 12 2021
WV Department of Environmental Protection



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(m)
 N: 4407225.58
 E: 520030.45
 UTM 17 - NAD83(ft)
 N: 14459372.59
 E: 1706159.49
 LAT/LON DATUM-NAD83
 LAT: 39.814775°
 LON: -80.765878°

APPROX. LANDING POINT
 UTM 17 - NAD83(m)
 N: 4406776.48
 E: 519514.13
 UTM 17 - NAD83(ft)
 N: 14457899.17
 E: 1704439.28
 LAT/LON DATUM-NAD83
 LAT: 39.810741°
 LON: -80.772018°

BOTTOM HOLE LOCATION
 UTM 17 - NAD83(m)
 N: 4408857.67
 E: 517995.86
 UTM 17 - NAD83(ft)
 N: 14464661.59
 E: 1699461.36
 LAT/LON DATUM-NAD83
 LAT: 39.829345°
 LON: -80.789667°

LINE TABLE

| LINE | BEARING | DISTANCE |
|------|-------------|----------|
| R1 | S15°35'06"W | 60.00' |
| R2 | N72°46'54"W | 189.44' |
| R3 | N20°19'49"E | 99.51' |
| R4 | S62°20'59"W | 2467.57' |
| R5 | S60°14'25"W | 2776.63' |
| R6 | N01°36'10"W | 1094.04' |

Westward Corridor Park II, Site 101
 2008 Commonwealth Drive
 Zanesville, PA 15143

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

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

FILE #: MND23 N-2H
 DRAWING #: MND23 N-2H
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE U.S.G.S. MONUMENT
 OF ELEVATION: H 13B: 638.56'

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:

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: 1240'



DATE: FEBRUARY 26, 2019
 OPERATOR'S WELL #: MND23 N-2H
 API WELL # 47 51 **02408**
 STATE COUNTY PERMIT

09/17/2021

Bottom Hole is located on topo map 1,453 feet south of Latitude: 39° 50' 00"

Well is located on topo map 6,760 feet south of Latitude: 39° 50' 00"

Bottom Hole is located on topo map 11,146 feet west of Longitude: 80° 45' 00"
Well is located on topo map 4,460 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. (X)
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, 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: 4407225.58
E: 520038.45
UTM 17 - NAD83(ft)
N: 14459372.59
E: 1706159.49
LAT/LON DATUM-NAD83
LAT: 39.814775°
LON: -80.765876°

APPROX. LANDING POINT

UTM 17 - NAD83(m)
N: 4406776.48
E: 519514.13
UTM 17 - NAD83(ft)
N: 14457899.17
E: 1704439.28
LAT/LON DATUM-NAD83
LAT: 39.810741°
LON: -80.772018°

BOTTOM HOLE LOCATION

UTM 17 - NAD83(m)
N: 4408837.67
E: 517996.86
UTM 17 - NAD83(ft)
N: 14454661.59
E: 1699461.36
LAT/LON DATUM-NAD83
LAT: 39.829345°
LON: -80.789687°

Wellford Corporate Park II, Suite 101
2000 Georgetown Drive
Beverly, PA 15112
P: 724-446-1130
F: 724-416-1124
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 #: MND23 N-2H
DRAWING #: MND23 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:
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 28, 2019
OPERATOR'S WELL #: MND23 N-2H
API WELL # 47 51 02408
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: POW-HATAN 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
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) _____
TARGET FORMATION: POINT PLEASANT / MARCELLUS ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,875' ±
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 | 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 |
| 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. 05-0004-0008-0000-0000 |
| 298 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0008-0011-0000-0000 |
| 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. 05-0001-0013-0000-0000 |
| 308 | 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. 05-0008-0004-0000-0000 |
| 313 | CONSOLIDATION COAL COMPANY | TAX MAP NO. 05-0008-0002-0000-0000 |
| 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 G | 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 - 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 | DELBURGGE EMERALD H JR. | TAX MAP NO. 05-0008-0003-0000-0000 |
| 342 | BERISFORD BESSIE M. EGT. | TAX MAP NO. 05-0008-0004-0000-0000 |
| 361 | NIEMAN FRANCES E. | TAX MAP NO. 05-0008-0006-0001-0000 |
| 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 |
| 378 | 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 | MCCLINTOCK DALE EDWARD |
| 392 | RUCKMAN JESSIE GLADYS - LIFE |
| 393 | LEGG JEFFERY L. |
| 394 | ANDERSON RHONDA MARIE |
| 402 | MCCLINTOCK DALE EDWARD |
| 403 | LEGG JAMES R EST |
| 404 | WHITE KENNETH E ET UX |
| 405 | ARNOLD LLOYD G & 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 RANDOLYN ET AL |
| 413 | YONG 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. 05-0009-0005-0000-0000 |
| 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. 05-0009-0005-0000-0000 |
| TAX MAP NO. 05-0009-0002-0000-0000 |
| TAX MAP NO. 05-0009-0002-0002-0000 |
| TAX MAP NO. 05-0009-0035-0000-0000 |
| TAX MAP NO. 05-0009-0031-0000-0000 |
| TAX MAP NO. 05-0011-0004-0000-0000 |
| TAX MAP NO. 05-0011-0002-0000-0000 |
| TAX MAP NO. 05-0009-0009-0000-0000 |
| TAX MAP NO. 05-0011-0001-0005-0000 |
| TAX MAP NO. 05-0011-0001-0000-0000 |
| TAX MAP NO. 05-0007-0032-0000-0000 |
| TAX MAP NO. 05-0007-0031-0000-0000 |
| TAX MAP NO. 05-0007-0031-0001-0000 |

Wardlaw Capshaw Park II, Suite 101
200 Conyngham Drive
Sewolby, PA 15143

F: 724-468-1100
F: 724-468-1154
www.pve.com



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

LEGEND

100 REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP

FILE #: MND23 N-2H


DRAWING #: MND23 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: 

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 TRIBLE CREEK-OHIO RIVER ELEVATION: 1240'

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

SURFACE OWNER: HG ENERGY II, APPALACHIA LLC. ACREAGE: 126.8

OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 126.8

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-2H

API WELL # 47 51 02408

STATE COUNTY PERMIT

09/17/2021

| Well No. | APID | Operator | Owner | Surface |
|----------|--|---|------------------------------|-------------------------|
| 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 | 05-0009-0001-0000-0000, 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. | 398 |
| | | 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 Kumberly 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. Hookins, 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 D.W. Meadows Jr | NOBLE ENERGY INC | |
| | | NOBLE ENERGY INC | HG ENERGY II APPALACHIA, LLC | |
| | | Geneva Bassett Sanchez | Chevron USA INC | |
| | | Chevron USA 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 | 05-0005-0003-0000-0000 | Consolidation Coal Company | CNX Gas Company, LLC | 300 |
| | | CNX Gas Company, LLC | Noble Energy, Inc. | |
| | | NOBLE ENERGY INC | HG ENERGY II APPALACHIA, LLC | |
| 11 | 05-0009-0002-0000-0000 | James Redman Legg II ET AL | Noble Energy, Inc. | 318 |
| | | Noble Energy, Inc. | CNX Gas Company, LLC | |
| | | CNX Gas Company, LLC | Noble Energy, Inc. | |
| | | NOBLE ENERGY INC | HG ENERGY II APPALACHIA, LLC | |

2000 Georgetown Drive
 Lewisburg, PA 17143
 P. 724.446.1100
 F. 724.446.1138
 www.pve.com




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

| LEGEND | |
|--------|--|
| 1 | REFERENCE NUMBER FOR MINERAL OWNERSHIP |

FILE #: MND23 N-2H
 DRAWING #: MND23 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: 
 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 ELEVATION: 1240'
 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO
 SURFACE OWNER: HG ENERGY II, APPALACHIA LLC. ACREAGE: 128.8
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 128.8

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: 5280 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101



DATE: FEBRUARY 26, 2019
 OPERATOR'S WELL #: MND23 N-2H
 API WELL # 47 51 02408
 STATE COUNTY PERMIT

09/17/2021

ESTIMATED DEPTH: TVD: 6,535' ± TMD: 15,875' ±
 DESIGNATED AGENT: DIANE C. WHITE
 Address: 5280 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101