

6,854' to Top Hole

39° 52' 30"

9,199' to Bottom Hole

338' to Bottom Hole
80° 45' 00"

WELL: MND1 HHS Coordinates

WV SPC North (NAD 27)

SURFACE LOCATION
N - 494,195.8
E - 1,642,196.2

LANDING POINT
N - 496,194.2
E - 1,644,768.9

BOTTOM HOLE
N - 503,043.2
E - 1,639,973.3

UTM NAD 83 (mtr)

SURFACE LOCATION
N - 4,411,127.6
E - 519,314.1

BOTTOM HOLE
N - 4,413,811.7
E - 518,591.8

LAT/LONG (NAD 83)

SURFACE LOCATION
39.849949°
80.774227°

BOTTOM HOLE
39.874148°
80.782593°

Powhatan Point, OH

Captina Island (USA)

MND1 HHS Bottom Hole

Top Hole 7.5' Spot

MND1 HHS Top Hole

MARSHALL COUNTY COAL RESOURCES, Inc. - Surface Owner

CLAY DIST.
FRANKLIN DIST.

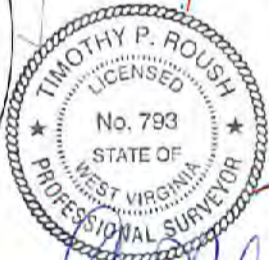
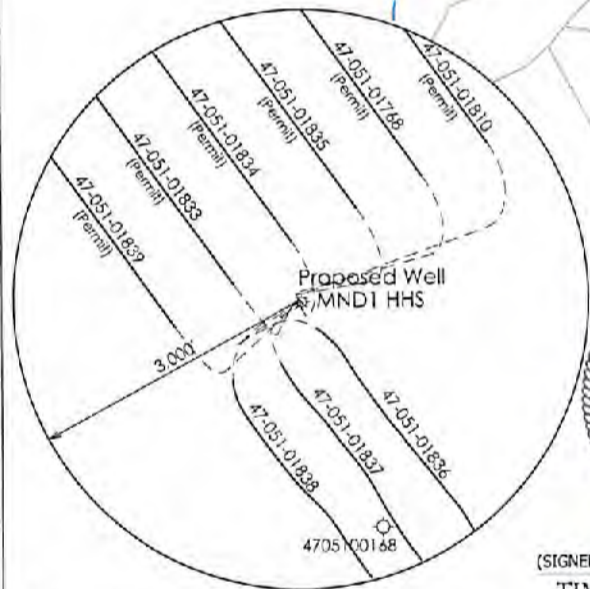
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- Lease Boundaries shown hereon are located as described in the provided Certified Title Opinions.

LEGEND

- 100 Surface Parcel No.
- 2 Lease Reference No.
- Lease Boundary
- Surface Boundary
- Proposed Horizontal Lateral
- Proposed Curve Section
- Stream

North



(SIGNED) TIMOTHY P. ROUSH PS 793

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- DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. _____
 SCALE: 1" = 1,500'
 MINIMUM DEGREE OF ACCURACY: Sub-Meter
 PROVEN SOURCE OF ELEVATION: DGPS Survey



WEST VIRGINIA
 Department of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25301

DATE: October 20, 2021
 WELL NAME: MND1 HHS
 API WELL NO.: 47 - 051 - 02416 nod
 State County Permit

RECEIVED
 Office of Oil and Gas
 OCT 29 2021

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____ (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW

LOCATION: ELEVATION 1,150' WATERSHED Hog Run
 DISTRICT: Clay COUNTY: Marshall QUADRANGLE: Powhatan Point 7.5'
 SURFACE OWNER: Marshall County Coal Resources, Inc. ACREAGE: 128.32 Ac.
 OIL & GAS ROYALTY OWNER: HG Energy II Appalachia, LLC LEASE ACREAGE: 128.32 Ac. LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____
 PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD Plat - Revised LP and TVD
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 6,290' TVD
 16,344' TMD

WELL OPERATOR: HG Energy II Appalachia, LLC ADDRESS: 5260 DuPont Road Parkersburg, WV 26101
 DESIGNATED AGENT: Diane White ADDRESS: 5260 DuPont Road Parkersburg, WV 26101
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11/12/2021

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BOTTOM HOLE
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80.782593°

Bottom Hole
7.5' Spot

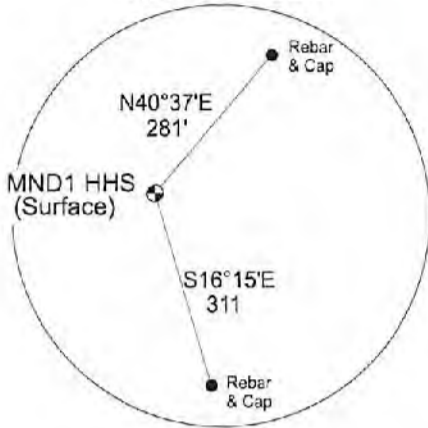
9,199' to Bottom Hole

LEASE TABLE

①	HG ENERGY II APPALACHIA, LLC	TMP 04-14-10
②	HG ENERGY II APPALACHIA, LLC	TMP 04-14-09
③	HG ENERGY II APPALACHIA, LLC	TMP 04-14-08
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㉑	MILLARD BONNETTE, JR.	TMP 04-07-15.08

338' to Bottom Hole
80° 45' 00"

WELL REFERENCES

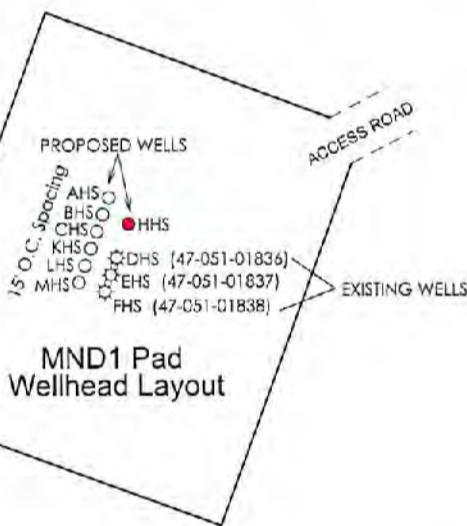


SURFACE PARCEL TABLE

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143	Shawn T. & Kelly J. Donahey	TMP 04-13-04

Top Hole
7.5' Spot

North



(SIGNED) *[Signature]*
TIMOTHY P. ROUSH PS 793

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Department of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301

DATE: October 20, 2021
WELL NAME: MND1 HHS
API WELL NO.: 47 - 051 - 02416
State County Permit

RECEIVED
OCT 29 2021

WV Department of Environmental Protection

11/12/2021

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____ (IF "GAS") PRODUCTION STORAGE _____

LOCATION: ELEVATION 1,150' WATERSHED Hog Run

DISTRICT: Clay COUNTY: Marshall QUADRANGLE: Powhatan Point 7.5'

SURFACE OWNER: Marshall County Coal Resources, Inc. ACREAGE: 128.32 Ac

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PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____

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PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 6,290' TVD

16,344' TMD

WELL OPERATOR: HG Energy II Appalachia, LLC ADDRESS: 5260 DuPont Road Parkersburg, WV 26101
DESIGNATED AGENT: Diane White ADDRESS: 5260 DuPont Road Parkersburg, WV 26101

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39° 52' 30"

9,199' to Bottom Hole

338' to Bottom Hole
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Powhatan Point, OH

OHIO RIVER

Captina Island (USA)

Bottom Hole 7.5' Spot

MND1 HHS Bottom Hole

MND1 HHS (Revised)
NSP-00W 8,335'

Top Hole 7.5' Spot

MND1 HHS Top Hole

MARSHALL COUNTY COAL RESOURCES, Inc. - Surface Owner

CLAY DIST.
FRANKLIN DIST.

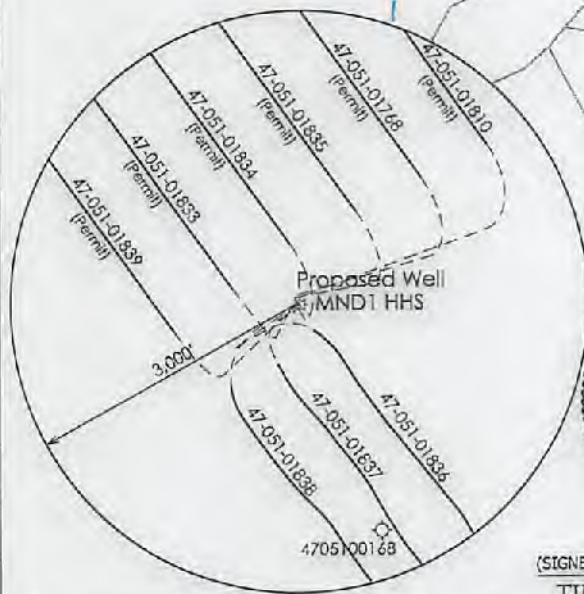
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Denotes location of well on United States Topographic Maps.

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 Department of Environmental Protection
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 601 57th Street
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DATE: October 20, 2021
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 API WELL NO.: 47-051-02416 MND
 State County Permit

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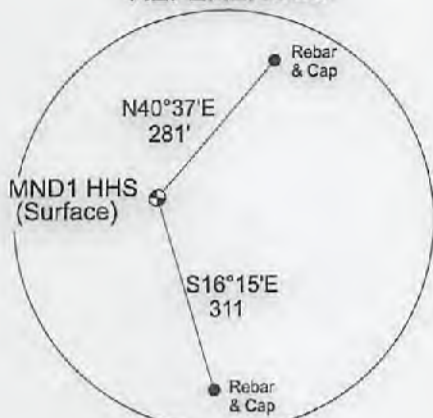
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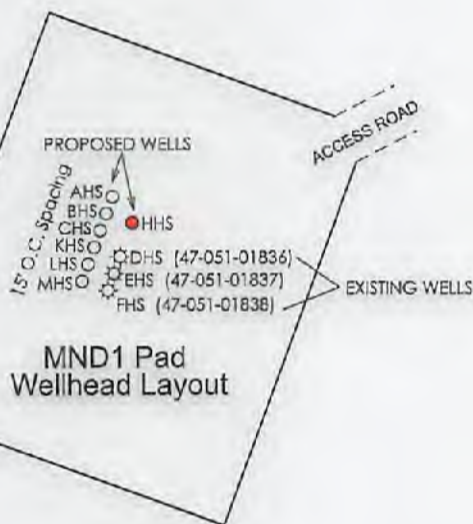


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North

Top Hole
7.5' Spot



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