

6,870' to Top Hole

39° 52' 30"

9,844' to Bottom Hole

725' to Bottom Hole
80° 45' 00"

9,129' to Top Hole

WELL: MND1 AHS Coordinates

WV SPC North (NAD 27)
SURFACE LOCATION
N - 494,217.9
E - 1,642,179.9

LANDING POINT
N - 495,793.9
E - 1,644,154.4

BOTTOM HOLE
N - 502,684.2
E - 1,639,322.8

UTM NAD 83 (mtr)
SURFACE LOCATION
N - 4,411,134.3
E - 519,309.0

BOTTOM HOLE
N - 4,413,692.9
E - 518,395.6

LAT/LONG (NAD 83)
SURFACE LOCATION
39.850009°
80.774286°

BOTTOM HOLE
39.873082°
80.784891°

See Detail 1

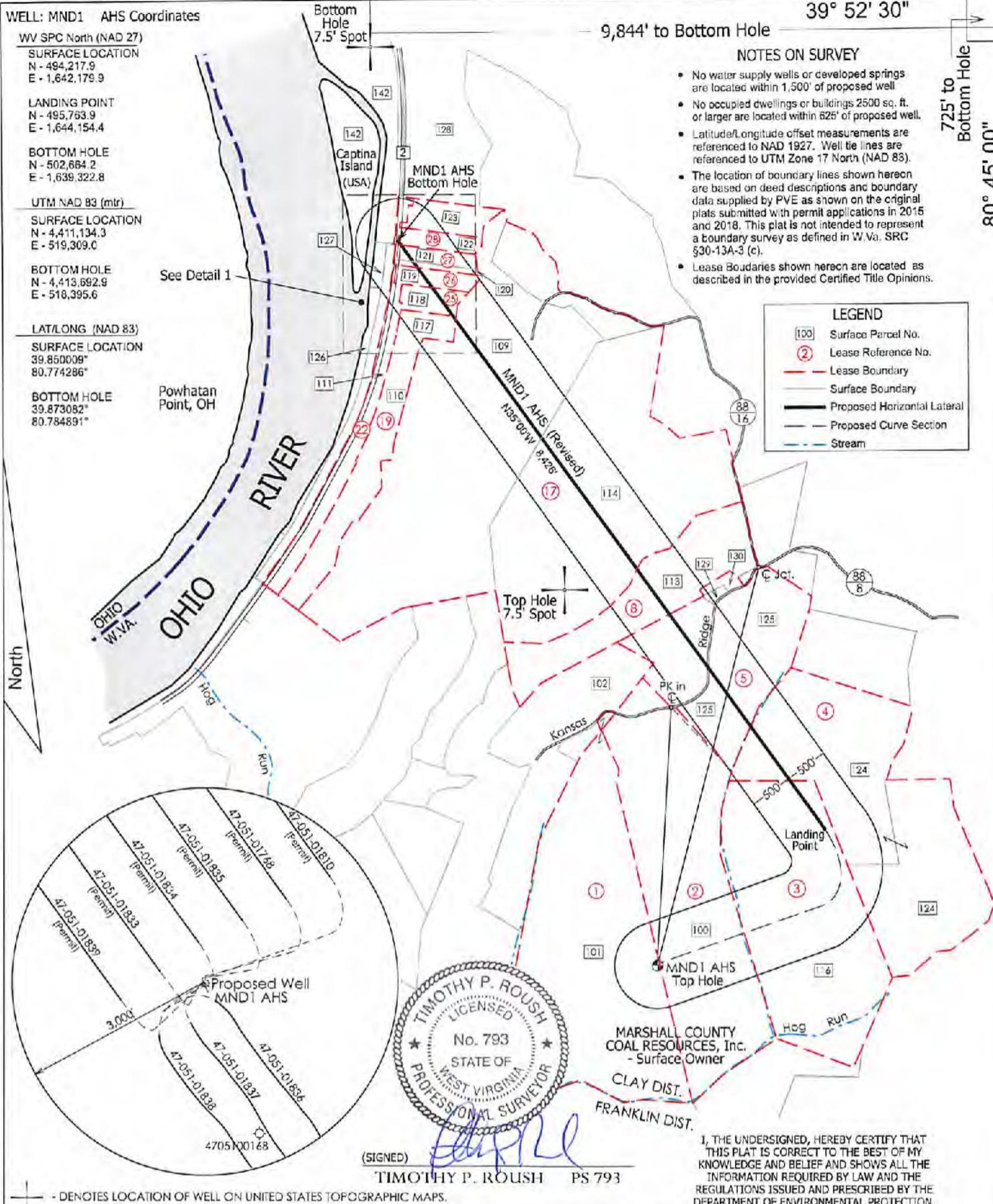
Powhatan Point, OH

NOTES ON SURVEY

- No water supply wells or developed springs are located within 1,500' of proposed well
- No occupied dwellings or buildings 2500 sq. ft. or larger are located within 825' of proposed well.
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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



(SIGNED)

TIMOTHY P. ROUSH PS 793

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.

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 21, 2021
 WELL NAME: MND1 AHS
 API WELL NO.: 47-051-01810 MOD
 State: County: RECEIVED Permit

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

LOCATION: ELEVATION 1,150' WATERSHED Hog Run - Ohio River
 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 BHL and TVD
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 6,290' TVD
 15,959' TMD

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

11/12/2021

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39° 52' 30"

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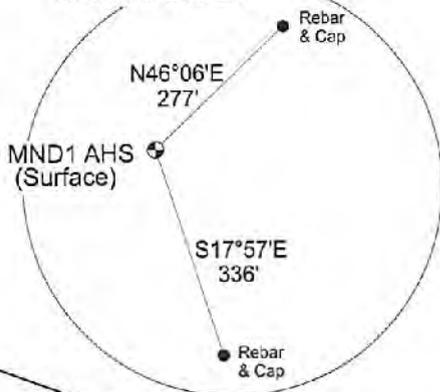
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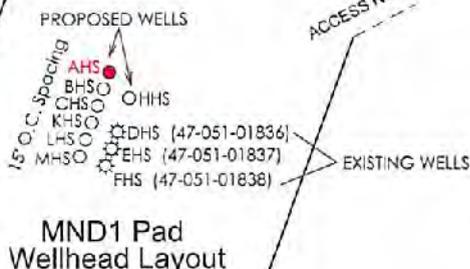


LEASE TABLE

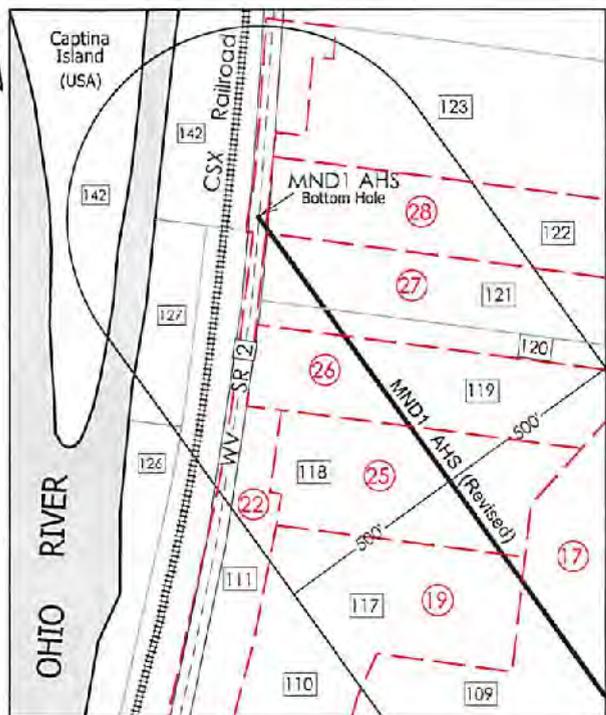
1	HG ENERGY II APPALACHIA, LLC	TMP 04-14-10
2	HG ENERGY II APPALACHIA, LLC	TMP 04-14-09
3	HG ENERGY II APPALACHIA, LLC	TMP 04-14-08
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SURFACE PARCEL TABLE

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118	W.Va. Department of Highways	TMP 04-07-15.02
119	W.Va. Department of Highways	TMP 04-15-10
120	W.Va. Department of Highways	TMP 04-07-15.07
121	W.Va. Department of Highways	TMP 04-07-15.01
122	W.Va. Department of Highways	TMP 04-07-15.05
123	W.Va. Department of Highways	TMP 04-07-15.06
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142	U.S.A.	TMP 04-06-07.1



Top Hole 7.5' Spot



DETAIL 1 Scale: 1"=500'



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(SIGNED) *Timothy P. Roush* TIMOTHY P. ROUSH PS 793

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

DATE: October 21, 2021
WELL NAME: MND1 AHS
API WELL NO.: 47 - 051 - 01810 Mod
State: West Virginia County: Boone Permit

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

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PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD Plat - Revised BHL and TVD
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 6,290' TVD 15,959' TMD

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ADDRESS: 5260 DuPont Road Parkersburg, WV 26101

DESIGNATED AGENT: Diane White
ADDRESS: 5260 DuPont Road Parkersburg, WV 26101

11/12/2021

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9,844' to Bottom Hole

725' to Bottom Hole

80° 45' 00"

9,129' to Top Hole

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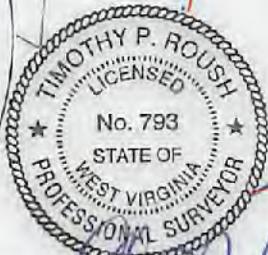
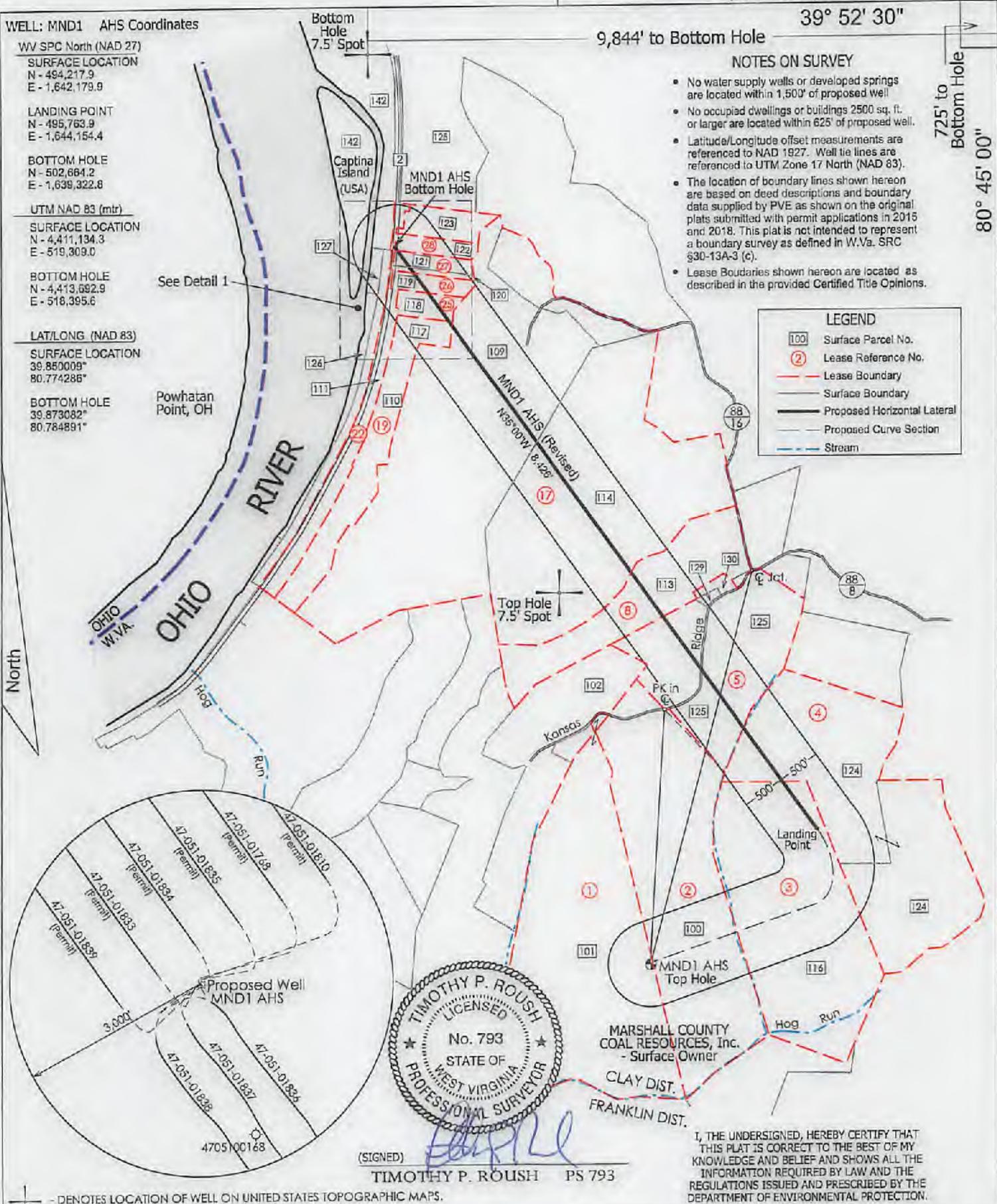
Powhatan Point, OH

NOTES ON SURVEY

- No water supply wells or developed springs are located within 1,500' of proposed well.
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LEGEND

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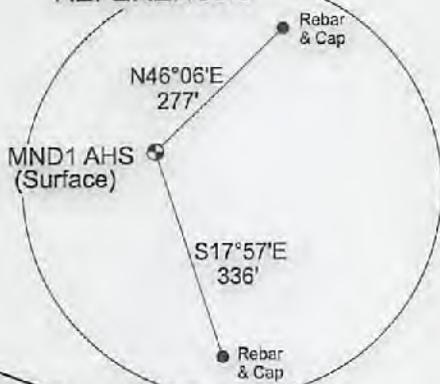
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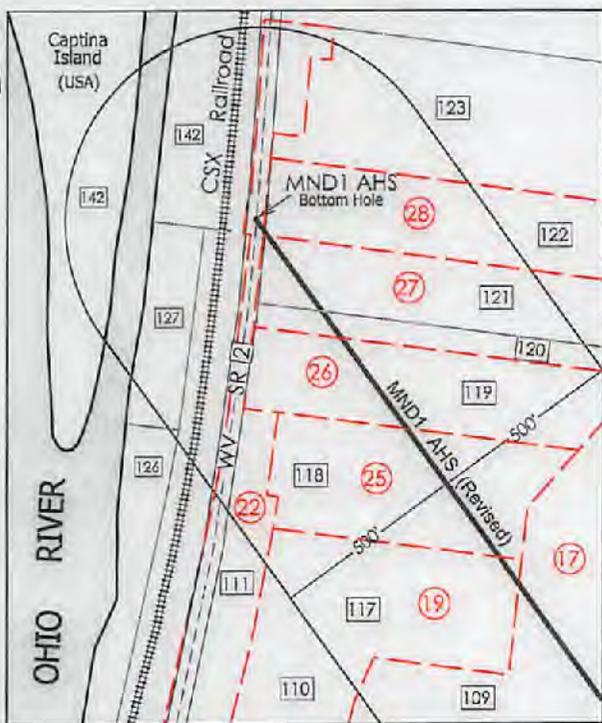
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