

6,896' to Top Hole

39° 52' 30"

226" to Bottom Hole
(Referenced to 80°47'30")

3,935' to Bottom Hole

80° 45' 00"

Bottom Hole 7.5' Spot

9,200' to Top Hole

WELL: MND1 MHS Coordinates

WV SPC North (NAD 27)

SURFACE LOCATION
N - 494,147.8
E - 1,642,153.6

LANDING POINT
N - 493,919.6
E - 1,640,866.4

BOTTOM HOLE
N - 499,482.2
E - 1,637,198.4

UTM NAD 83 (mtr)

SURFACE LOCATION
N - 4,411,112.8
E - 519,301.3

BOTTOM HOLE
N - 4,412,712.7
E - 517,764.5

LAT/LONG (NAD 83)

SURFACE LOCATION
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80.774376°

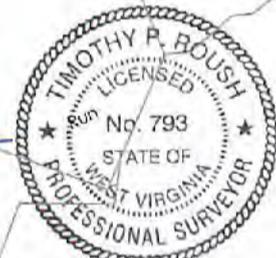
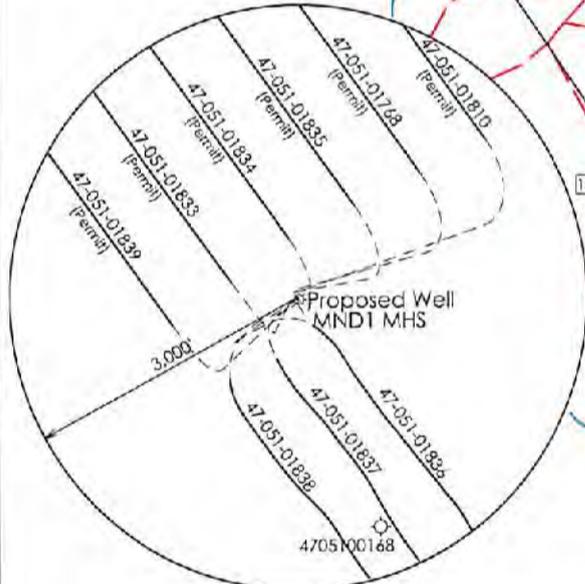
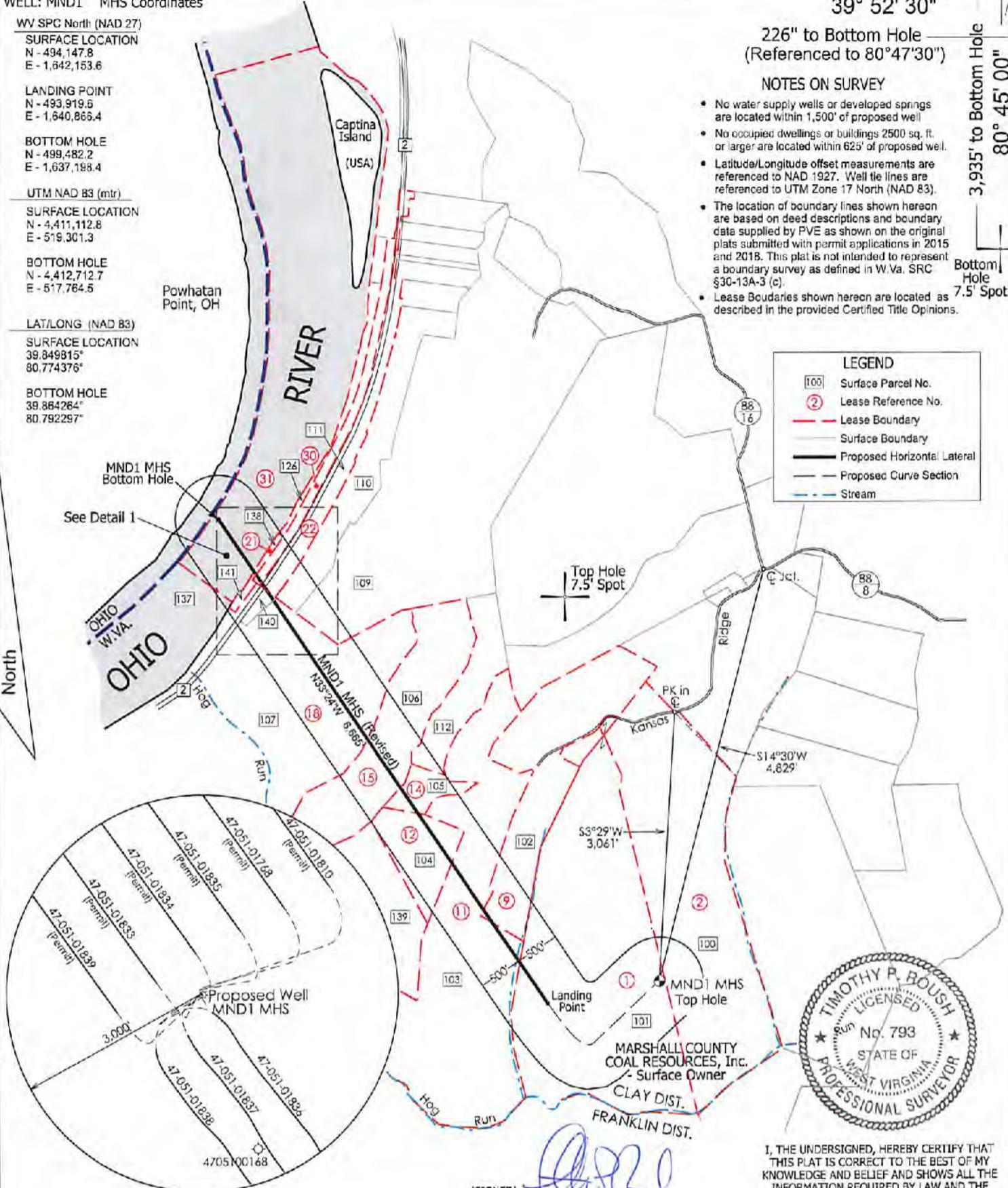
BOTTOM HOLE
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80.792297°

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 625' of proposed well.
- Latitude/Longitude offset measurements are referenced to NAD 1927. Well tie lines are referenced to UTM Zone 17 North (NAD 83).
- The location of boundary lines shown hereon are based on deed descriptions and boundary data supplied by PVE as shown on the original plats submitted with permit applications in 2015 and 2018. This plat is not intended to represent a boundary survey as defined in W.Va. SRC §30-13A-3 (c).
- 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



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TIMOTHY P. ROUSH PS 793

— DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

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MINIMUM DEGREE OF ACCURACY: Sub-Meter
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WEST VIRGINIA
Department of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301

DATE: October 5, 2021
WELL NAME: MND1 MHS
API WELL NO.: 47 - 051 - 01839 MOD
State: County: RECEIVED Permit
Office of Oil and Gas

OCT 29 2021
WV Department of Environmental Protection

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
13,524' 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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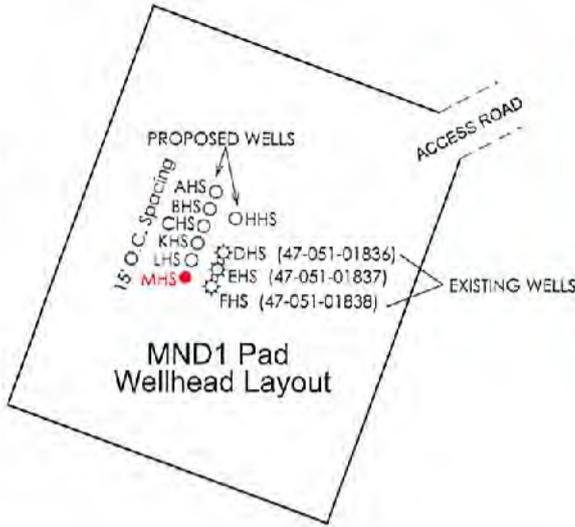
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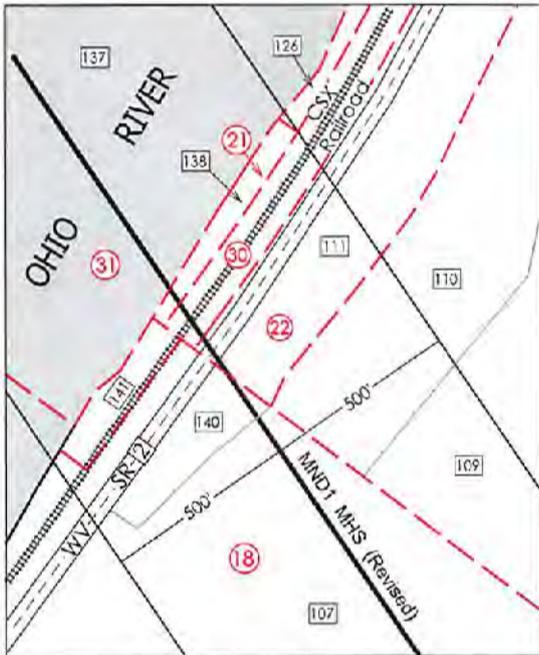
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22	NYLA J. BELL	TMP 04-07-16
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31	WV DIVISION OF NATURAL RESOURCES	OHIO RIVER

SURFACE PARCEL TABLE

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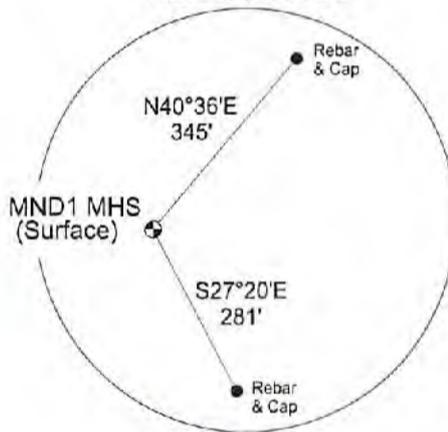


North



DETAIL 1
Scale: 1"=500'

WELL REFERENCES



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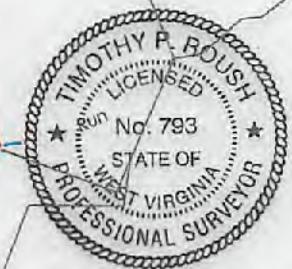
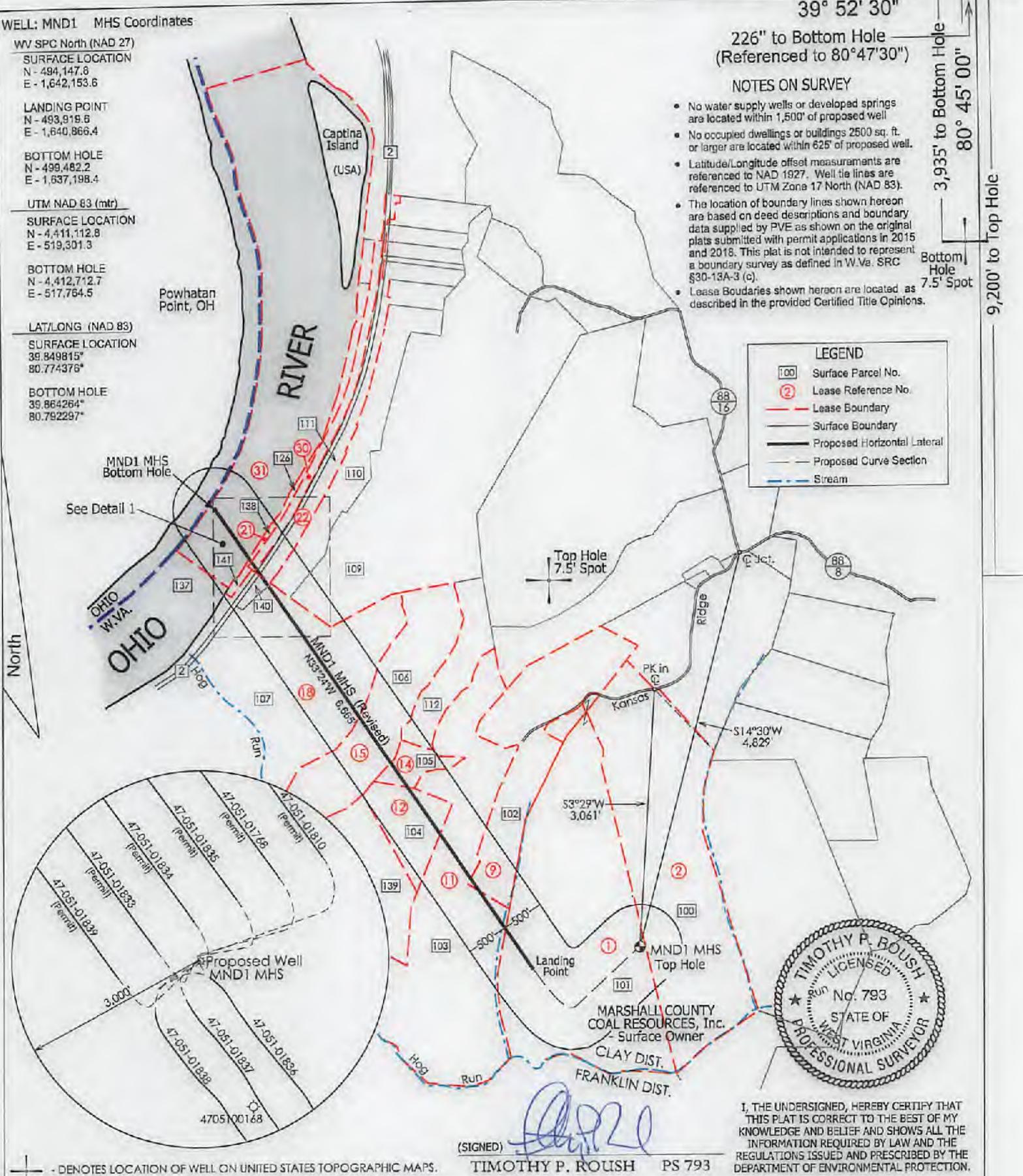
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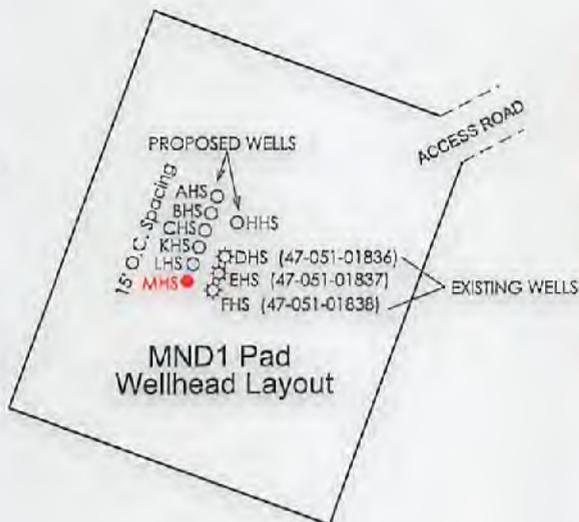
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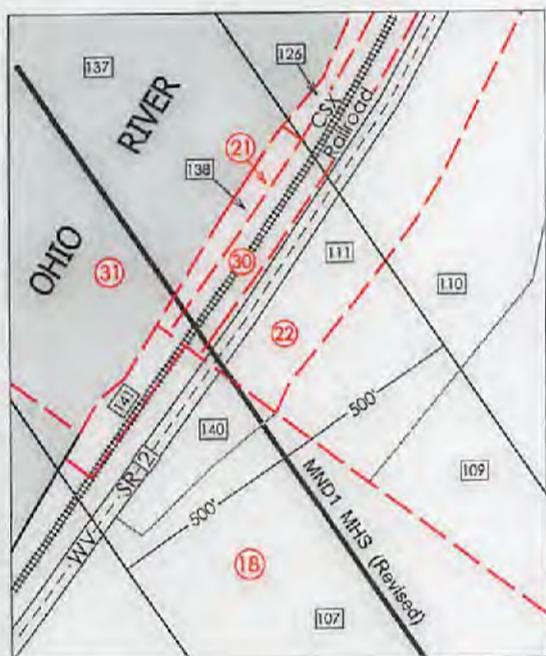
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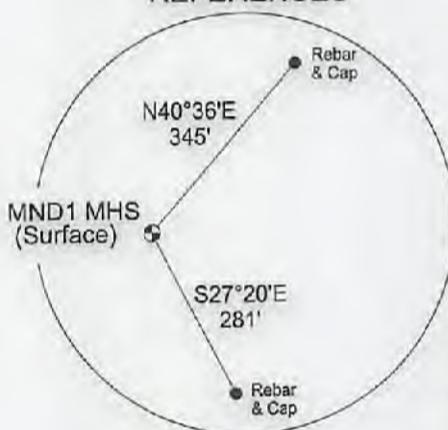
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Top Hole
7.5' Spot



DETAIL 1
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