

AS DRILLED PLAT

4,516' to Top Hole

39° 50' 00"

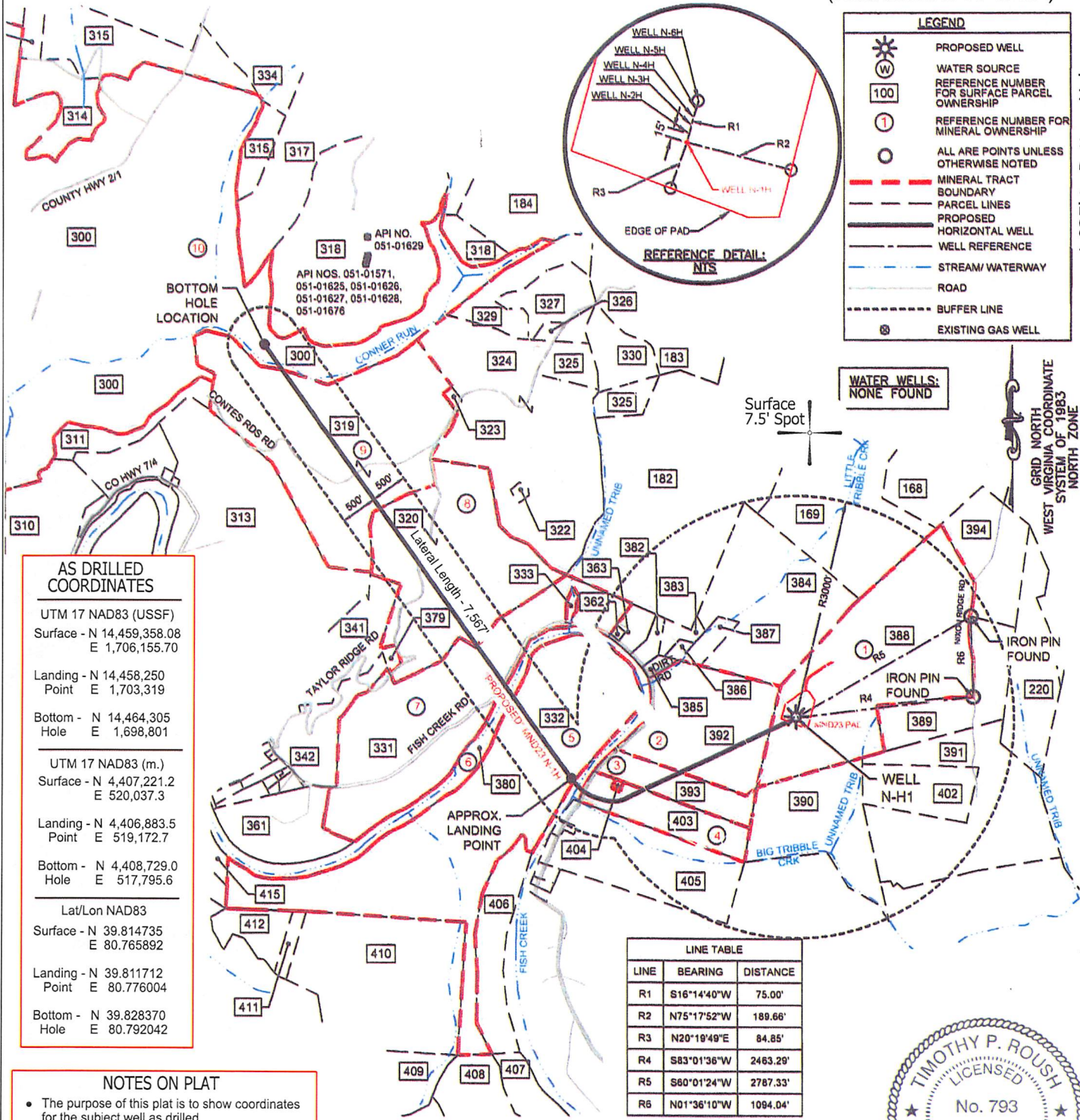
158' to Bottom Hole
(Referenced to 80°47'30")

Bottom Hole 7.5'

1,835' to Bottom Hole

80° 45' 00"

6,801' to Top Hole



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

AS DRILLED COORDINATES

UTM 17 NAD83 (USSF)

Surface - N 14,459,358.08
E 1,706,155.70

Landing - N 14,458,250
Point E 1,703,319

Bottom - N 14,464,305
Hole E 1,698,801

UTM 17 NAD83 (m.)

Surface - N 4,407,221.2
E 520,037.3

Landing - N 4,406,883.5
Point E 519,172.7

Bottom - N 4,408,729.0
Hole E 517,795.6

Lat/Lon NAD83

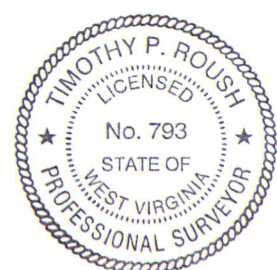
Surface - N 39.814735
E 80.765892

Landing - N 39.811712
Point E 80.776004

Bottom - N 39.828370
Hole E 80.792042

LINE TABLE

LINE	BEARING	DISTANCE
R1	S16°14'40"W	75.00'
R2	N75°17'52"W	189.66'
R3	N20°19'49"E	84.85'
R4	S83°01'36"W	2463.29'
R5	S60°01'24"W	2787.33'
R6	N01°36'10"W	1094.04'



- NOTES ON PLAT**
- The purpose of this plat is to show coordinates for the subject well as drilled.
 - The drawing shown hereon is from the original drilling permit application plat dated 6/4/19 prepared by Adam J. Westfall, W.Va. PS #2269.
 - As drilled Landing Point, Bottom Hole Location and lateral length are calculated from gyro measurements taken while drilling the well.
 - Latitude/Longitude offset measurements are referenced to NAD 1927.

(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" = 2,000'

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: November 9, 2022

WELL NAME: MND23 N-1H

API WELL NO. 47 - 051 - 02407

State County Permit

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

LOCATION: ELEVATION 1,237' WATERSHED Big Tribble Creek

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

SURFACE OWNER: HG Energy II, Appalachia ACREAGE: 126.6 Ac.

OIL & GAS ROYALTY OWNER: Charles W. Miller et al. LEASE ACREAGE: 190.4 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) Show As Drilled Coordinates and Lateral Length

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION Marcellus Shale ESTIMATED DEPTH 6,397' TVD 15,235' 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

09/15/2023