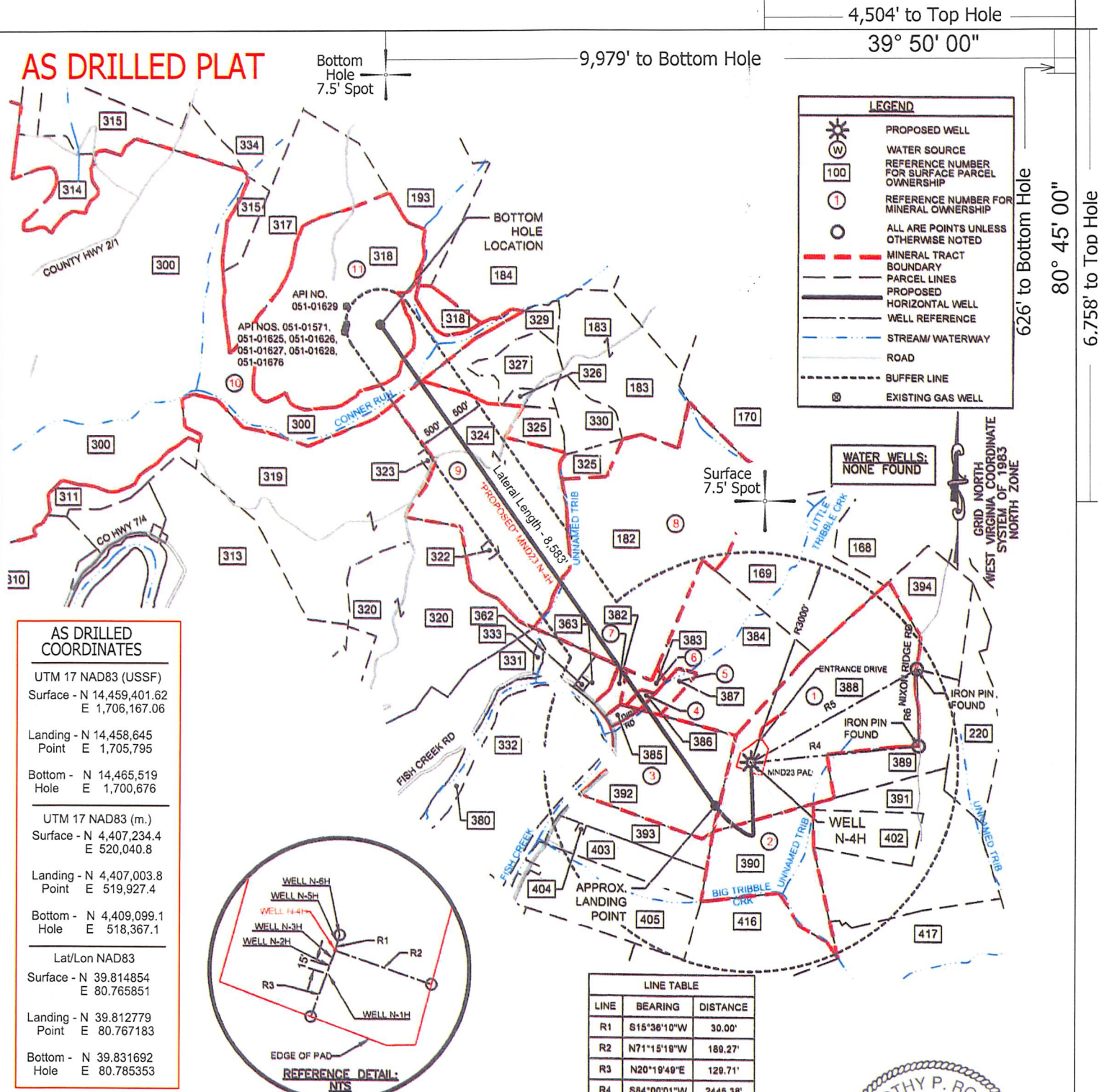


# AS DRILLED PLAT



**AS DRILLED COORDINATES**

UTM 17 NAD83 (USSF)  
 Surface - N 14,459,401.62  
 E 1,706,167.06

Landing - N 14,458,645  
 Point E 1,705,795

Bottom - N 14,465,519  
 Hole E 1,700,676

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UTM 17 NAD83 (m.)  
 Surface - N 4,407,234.4  
 E 520,040.8

Landing - N 4,407,003.8  
 Point E 519,927.4

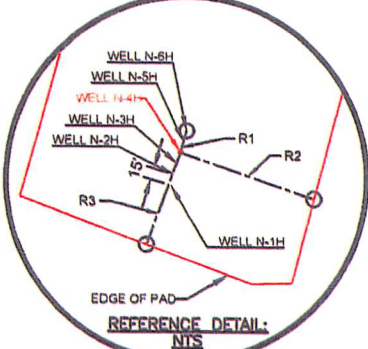
Bottom - N 4,409,099.1  
 Hole E 518,367.1

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Lat/Lon NAD83  
 Surface - N 39.814854  
 E 80.765851

Landing - N 39.812779  
 Point E 80.767183

Bottom - N 39.831692  
 Hole E 80.785353



**LINE TABLE**

LINE	BEARING	DISTANCE
R1	S15°36'10"W	30.00'
R2	N71°15'18"W	189.27'
R3	N20°19'49"E	129.71'
R4	S84°00'01"W	2446.38'
R5	S60°40'44"W	2755.37'
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*  
 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-4H  
 API WELL NO.: 47 - 051 - 02410  
 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 6,400' TVD 15,583' 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

09/15/2023