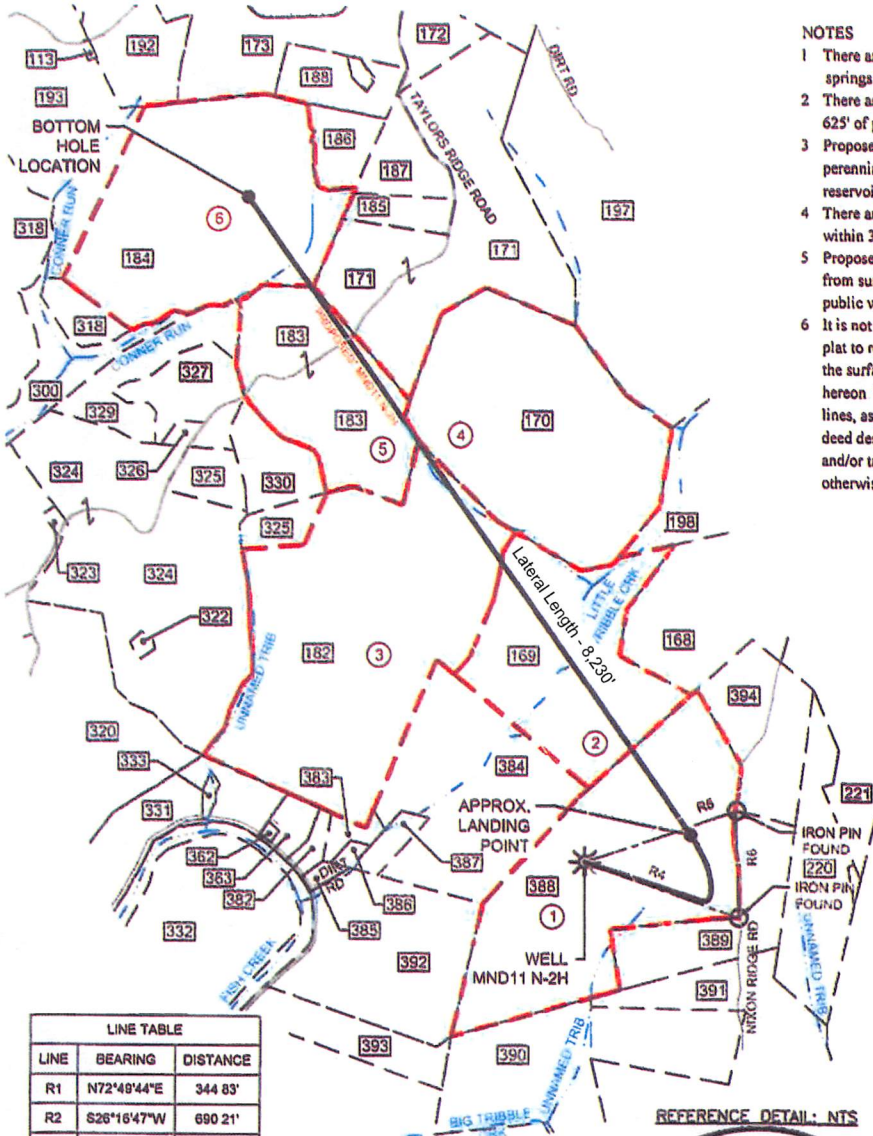


# AS DRILLED PLAT

7,299' to Bottom Hole

3,680' to Top Hole

39° 50' 00"



### NOTES

- 1 There are no water wells or developed springs within 250' of proposed well
- 2 There are no existing buildings within 625' of proposed well
- 3 Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
- 4 There are no native trout streams within 300' of proposed well
- 5 Proposed well is greater than 1000' from surface/groundwater intake or public water supply
- 6 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted

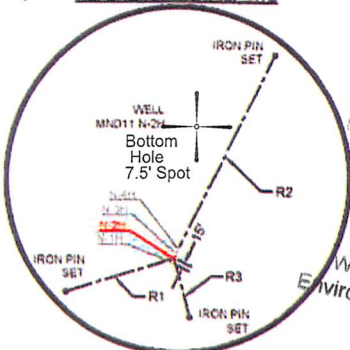
LEGEND	
	PROPOSED WELL
	WATER SOURCE
	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP
	REFERENCE NUMBER FOR MINERAL OWNERSHIP
	ALL ARE POINTS UNLESS OTHERWISE NOTED
	MINERAL TRACT BOUNDARY
	PARCEL LINES
	PROPOSED HORIZONTAL WELL
	WELL REFERENCE
	STREAM/WATERWAY
	ROAD
	BUFFER LINE
	EXISTING GAS WELL

GRID NORTH COORDINATE SYSTEM OF 1983 NORTH ZONE

AS DRILLED COORDINATES	
UTM 17 NAD83 (USSF)	
Surface - N 14,460,236.43	E 1,706,989.58
Landing - N 14,460,338	Point E 1,708,177
Bottom - N 14,466,994	Hole E 1,703,352
UTM 17 NAD83 (m.)	
Surface - N 4,407,488.9	E 520,291.5
Landing - N 4,407,519.8	Point E 520,653.2
Bottom - N 4,409,548.7	Hole E 519,182.7
Lat/Lon NAD83	
Surface - N 39.817141	E 80.762914
Landing - N 39.817411	Point E 80.758686
Bottom - N 39.835729	Hole E 80.775809

LINE TABLE		
LINE	BEARING	DISTANCE
R1	N72°48'44"E	344.83'
R2	S26°16'47"W	690.21'
R3	N15°03'11"W	182.64'
R4	N70°33'55"W	1696.34'
R5	S71°21'46"W	1655.91'
R6	N01°36'10"W	1094.04'

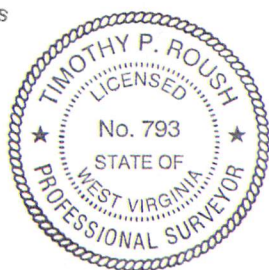
### REFERENCE DETAIL: NTS



### 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 6/12/19 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.

RECEIVED  
Office of Oil and Gas  
APR 26 2023  
WV Department of Environmental Protection



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.

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

- DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

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 11, 2022  
WELL NAME: MND11 N-2H  
API WELL NO.: 47-051-02404  
State County Permit

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

LOCATION: ELEVATION 1,234' 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 6,414' TVD 15,225' 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

80° 45' 00"  
5,925' to Top Hole  
14,331' to Bottom Hole (Referenced to 39°52'30")

09/15/2023