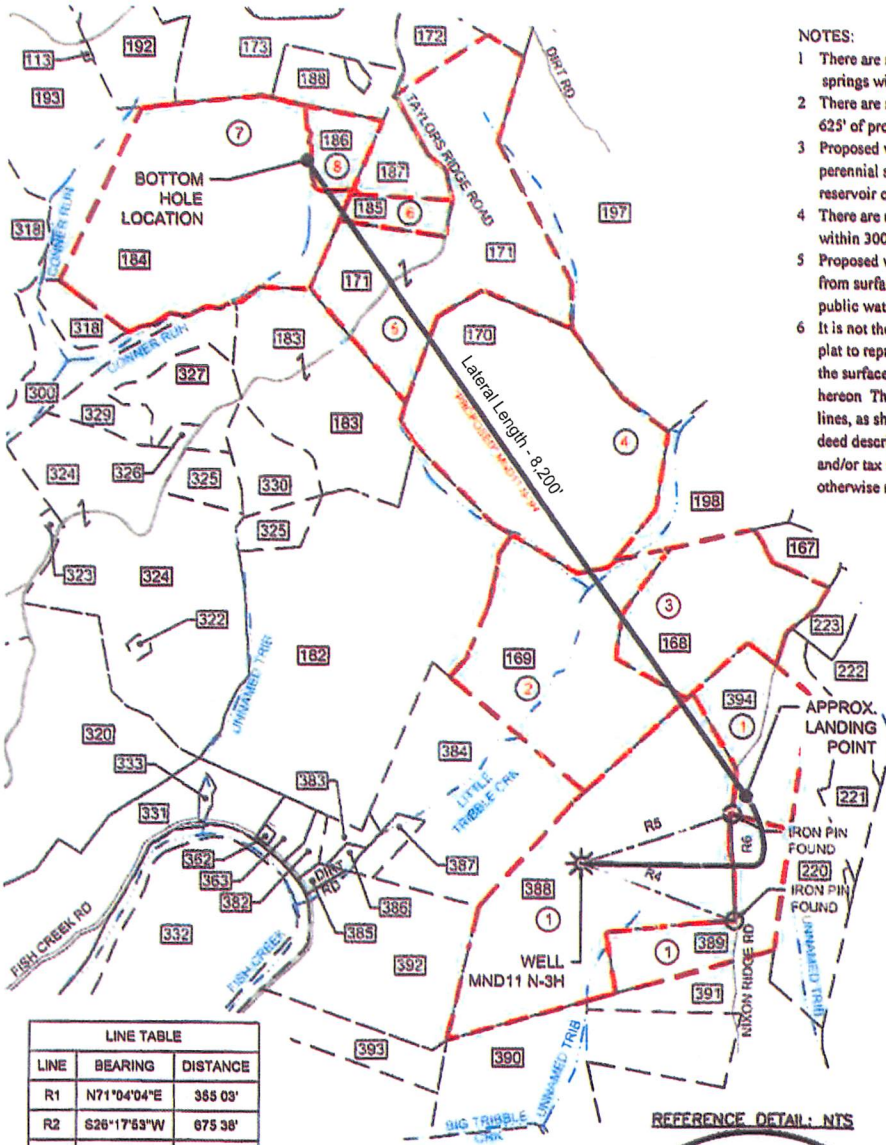


AS DRILLED PLAT

3,673' to Top Hole

6,682' to Bottom Hole

39° 50' 00"



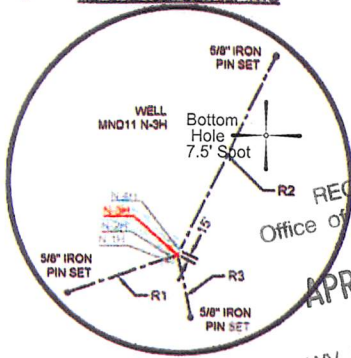
- NOTES:
- There are no water wells or developed springs within 250' of proposed well
 - There are no existing buildings within 625' of proposed well
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
 - There are no native trout streams within 300' of proposed well
 - Proposed well is greater than 1000' from surface/groundwater intake or public water supply
 - 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

Surface 7.5' Spot

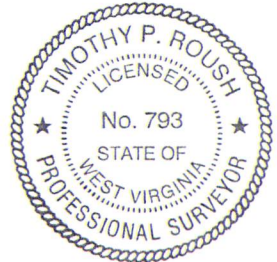
AS DRILLED COORDINATES	
UTM 17 NAD83 (USSF)	
Surface - N	14,460,249.72
E	1,706,995.94
Landing - N	14,460,770
Point E	1,708,815
Bottom - N	14,467,372
Hole E	1,703,968
UTM 17 NAD83 (m.)	
Surface - N	4,407,492.9
E	520,293.4
Landing - N	4,407,651.5
Point E	520,847.8
Bottom - N	4,409,663.7
Hole E	519,370.6
Lat/Lon NAD83	
Surface - N	39.817178
E	80.762891
Landing - N	39.818593
Point E	80.756409
Bottom - N	39.836758
Hole E	80.773610

LINE TABLE		
LINE	BEARING	DISTANCE
R1	N71°04'04"E	355 03'
R2	S26°17'53"W	675 38'
R3	N12°12'39"W	194 16'
R4	N70°04'00"W	1694 85'
R5	S71°44'02"W	1645 63'
R6	N01°36'10"W	1094 04'



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

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.

- 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.

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-3H
API WELL NO.: 47-051-02405
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 6,415' TVD 15,381' 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

13,956' to Bottom Hole (Referenced to 39°52'30")

80° 45' 00"

5,912' to Top Hole