

- NOTES:
- There are no water wells or developed springs within 250' 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.
 - There are no existing buildings within 625' of proposed well.

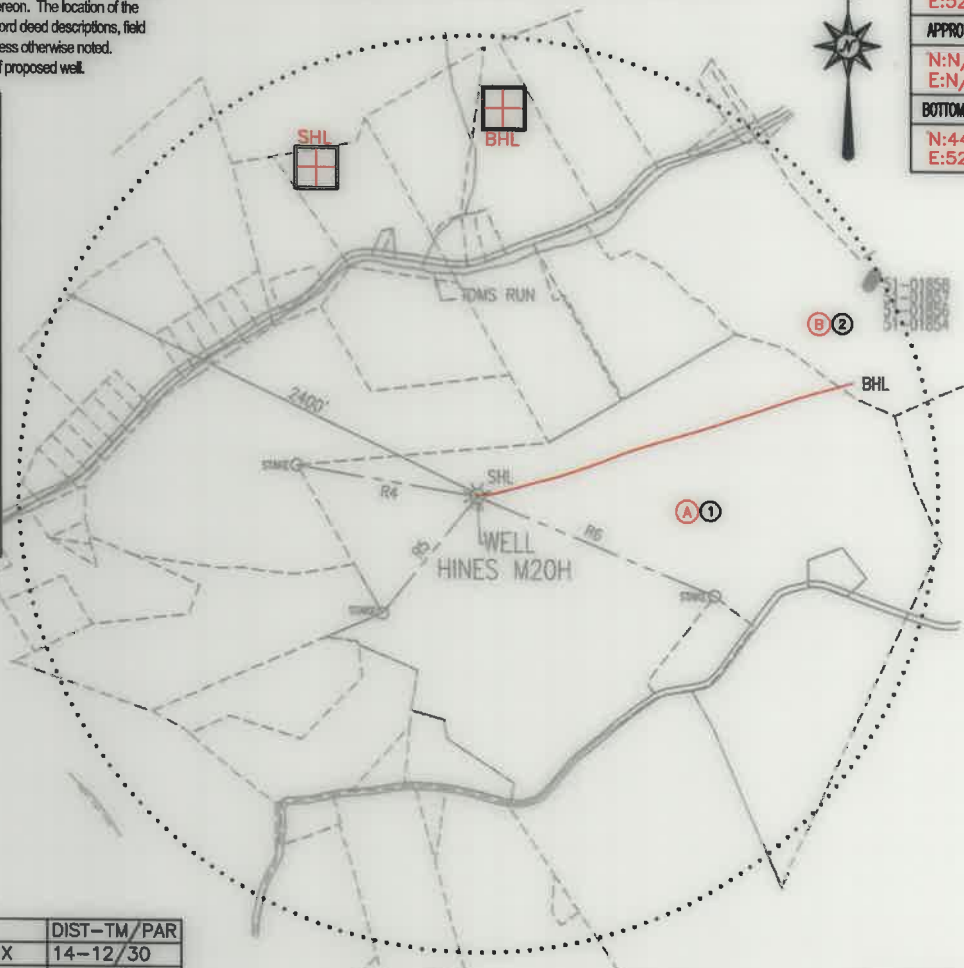
BHL is located on topo map 3,213 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 3,849 feet south of Latitude: 39° 55' 00"

BHL is located on topo map 7,212 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 9,170 feet west of Longitude: 80° 40' 00"

AS DRILLED PLAT

AS-DRILLED LOCATIONS UTM 17-NAD83(M)	
SURFACE HOLE LOCATION (SHL)	
N:4417386.599	E:525717.088
APPROX LANDING POINT (LP)	
N:N/A	E:N/A
BOTTOM HOLE LOCATION (BHL)	
N:4417582.395	E:526312.958

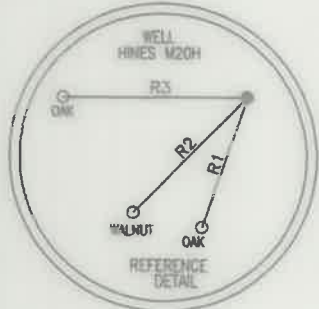
LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- WELL REFERENCE
	- ROAD
	- STREAM CENTER LINE
	- LESSORS
	- SURFACE OWNERS
	- AS-DRILLED
GAS WELLS	
	- EXISTING WELLS
	- PLUGGED WELLS



	SURFACE OWNER	DIST-TM/PAR
1	DONALD HINES ET UX	14-12/30
2	OKEY L. RINE JR.	14-11/1

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX	14-12/30
B	OKEY L. RINE JR.	14-11/1

LINE	BEARING	DISTANCE
R1	S 19°44'23" W	159.21'
R2	S 45°03'15" W	168.41'
R3	S 89°54'14" W	213.67'
R4	N 80°29'25" W	956.47'
R5	S 39°05'13" W	790.54'
R6	S 67°34'40" E	1338.79'



WELL PAD ORIENTATION DETAIL				
M01HO	M14HO	U15HO	U2HO	
M02HO	M13HO	U18HO	U27HO	U29HO
M03HO	M12HO	U17HO	U26HO	U30HO
M04HO	M11HO	M18HO	U25HO	U31HO
M05HO	M10HO	M19HO	U24HO	U32HO
M06HO	M09HO	M20HO	U23HO	U33HO
M07HO	M08HO	M21HO	U22HO	U34HO

THRASHER
 THE THRASHER GROUP, INC.
 600 WHITE OAKS BLVD.
 BRIDGEPORT, WV 26330
 PHONE 304-624-4108

FILE #: HINES M20H - AS DRILLED
 DRAWING #: HINES M20H - AS DRILLED
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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: *Joseph H. Lowther*
 R.P.E.: _____ L.L.S.: P.S. No. 2346



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE: DECEMBER 13, 2021
 OPERATOR'S WELL #: HINES M20H - AS DRILLED
 API WELL #: 47 51 2087
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1125.45'

COUNTY/DISTRICT: MARSHALL / WASHINGTON QUADRANGLE: MOUNDSVILLE, WV 7.5'

SURFACE OWNER: DONALD HINES ET UX ACREAGE: 114.934±

OIL & GAS ROYALTY OWNER: DONALD HINES ET UX ACREAGE: 205.50± 05/27/2022

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

(SPECIFY): AS-DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 5,074'± TMD: 5,793±

WELL OPERATOR EQT CHAP, LLC DESIGNATED AGENT JOSEPH C. MALLOW
 Address 400 WOODCLIFF DRIVE Address 427 MIDSTATE DRIVE
 City CANONSBURG State PA Zip Code 15317 City CLARKSBURG State WV Zip Code 26301