

BHL is located on topo map 4,035 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 3,803 feet south of Latitude: 39° 55' 00"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

AS DRILLED PLAT

AS-DRILLED LOCATIONS UTM 17-NAD83(M)	
SURFACE HOLE LOCATION (SHL)	
N:4417400.512	E:525708.256
APPROX LANDING POINT (LP)	
N:N/A	E:N/A
BOTTOM HOLE LOCATION (BHL)	
N:4417327.893	E:525184.673

BHL is located on topo map 10,918 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 9,199 feet west of Longitude: 80° 40' 00"

- 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.

WELL PAD OPERATOR DETAIL			
M01HO	M14HO	U15HO	U28HO
M02HO	M13HO	U16HO	U27HO
M03HO	M12HO	U17HO	U26HO
M04HO	M11HO	U18HO	U25HO
M05HO	M10HO	U19HO	U24HO
M06HO	M09HO	U20HO	U23HO
M07HO	M08HO	U21HO	U22HO
M08HO	M07HO	U22HO	U21HO
M09HO	M06HO	U23HO	U20HO
M10HO	M05HO	U24HO	U19HO
M11HO	M04HO	U25HO	U18HO
M12HO	M03HO	U26HO	U17HO
M13HO	M02HO	U27HO	U16HO
M14HO	M01HO	U28HO	U15HO

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



LINE	BEARING	DISTANCE
R1	S 07°25'46" W	197.66'
R2	S 30°23'40" W	207.80'
R3	S 75°55'28" W	191.19'
R4	N 18°40'30" E	626.36'
R5	N 79°50'58" E	2241.88'
R6	S 66°12'20" E	1385.53'

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

FILE #: HINES M12H - AS DRILLED
 DRAWING #: HINES M12H - 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 M12H - AS DRILLED
 API WELL #: 47 51 2084
 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: 153.39± **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: 5,425'± TMD: 5,829'±

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

HINES M12H PAGE 2 OF 2 AS DRILLED PLAT

	SURFACE OWNER	DIST-TM/PAR
1	DONALD HINES ET UX	14-12/30
2	ARNIE N. GOODNIGHT ET UX	14-12/25

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX	14-12/30
B	WILLIAM F. RULONG	14-12/25
	CHARLES BURTON RULONG	
	HAROLD DEAN FURBEE	
	DALE FRANCIS FURBEE	
	ROBERT L. RULONG	
	DRU ELLA FOX	
	JOHN T. MORRIS	
	LYNN ELLEN COOK	
	ETHEL M. RULONG	
	TERRY LEE RULONG	
	RICHARD J. RULONG	
	TRACEY LYNN RULONG	
	GARY MORRISON	
	ELIZABETH Y. MORRISON	
	ROGER GLEN RULONG	
	LIMESTONE PRESBYTERIAN CHURCH TRUSTEES	
	CLYDE DOWLER ET UX	
	LAURA J. REYES	

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05/27/2022

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

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DECEMBER 13, 2021