

BHL is located on topo map 2,774 feet south of Latitude: 39° 57' 30"  
 SHL is located on topo map 3,773 feet south of Latitude: 39° 55' 00"

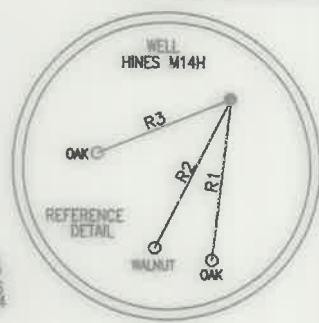
**SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS**

WELL PAD ORIENTATION DETAIL			
M11HO	M14HB	U15HO	U28HO
M22HO	M13HO	U18HO	U27HO
M25HO	M12HO	U17HO	U26HO
M24HO	M11HO	U16HO	U25HO
M23HO	M10HO	U15HO	U24HO
M22HO	M9HO	U14HO	U23HO
M21HO	M8HO	U13HO	U22HO
M20HO	M7HO	U12HO	U21HO
M19HO	M6HO	U11HO	U20HO
M18HO	M5HO	U10HO	U19HO
M17HO	M4HO	U9HO	U18HO
M16HO	M3HO	U8HO	U17HO
M15HO	M2HO	U7HO	U16HO
M14HO	M1HO	U6HO	U15HO
M13HO	M0HO	U5HO	U14HO
M12HO		U4HO	U13HO
M11HO		U3HO	U12HO
M10HO		U2HO	U11HO
M9HO		U1HO	U10HO

LINE	BEARING	DISTANCE
R1	S 06°44'38" W	227.60'
R2	S 26°55'48" W	234.72'
R3	S 67°42'13" W	201.70'
R4	N 77°08'39" E	2049.25'
R5	S 89°58'55" E	2307.20'
R6	S 65°04'29" E	1395.26'

AS-DRILLED LOCATIONS UTM 17-NA083(A)	
SURFACE HOLE LOCATION (SHL)	
N:4417409.65	E:525708.46
APPROX LANDING POINT (LP)	
N:N/A	E:N/A
BOTTOM HOLE LOCATION (BHL)	
N:4417715.52	E:526139.26

BHL is located on topo map 2,781 feet west of Longitude: 80° 42' 30"  
 SHL is located on topo map 9,198 feet west of Longitude: 80° 40' 00"



**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

- 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 herein. 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.

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

**AS DRILLED PLAT**

FILE #: HINES M14H - AS DRILLED  
 DRAWING #: HINES M14H - 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 M14H - AS DRILLED  
 API WELL #: 47 51 2159  
 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: 198.26± 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 PLAT

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,262± TMD: 15,072.70±  
 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 M14H

## 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
3*	EDWARD DAVID KNUTH ET UX	14-12/27
4*	EDWARD DAVID & KATHY JO KNUTH	14-12/28.1
5*	TOBIAS G. & JESSICA D. BROWN	14-12/28
6	JODI LYNN & TERRY A. HARDING	14-12/29

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX	14-12/30
B	LYNN ELLEN COOK	14-12/25
	WILLIAM F. RULONG	
	CHARLES BURTON RULONG	
	GARY MORRISON	
	ELIZABETH Y. MORRISON	
	ROGER GLEN RULONG	
	TRUSTEES LIMESTONE PRESBYTERIAN CHURCH	
	CLYDE DOWLER ET UX	
	DRU ELLA FOX	
	LAURA J. REYES	
	DALE FRANCIS FURBEE	
	HAROLD DEAN FURBEE	
	JOHN T. MORRIS	
	ETHEL M. RULONG	
RICHARD J. RULONG		
ROBERT L. RULONG		
TERRY LEE RULONG		
TRACEY LYNN RULONG		
C	EULALIA MAE SIMMONS	14-12/27
D	EULALIA MAE SIMMONS	14-12/28.1
E	EULALIA MAE SIMMONS	14-12/28
F	JODI LYNN HARDING ET VIR	14-12/29

AS-DRILLED LOCATIONS UTM 17-WN83(W)
SURFACE HOLE LOCATION (SHL)
N:4417409.65 E:525708.46
APPROX LANDING POINT (LP)
N:N/A E:N/A
BOTTOM HOLE LOCATION (BHL)
N:4417715.52 E:526139.26

05/27/2022

\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

# THRASHER

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

DECEMBER 13, 2021