

AS-DRILLED PLAT

BHL is located on topo map 6,287 feet south of Latitude: 39° 52' 30"
SHL is located on topo map 10,069 feet south of Latitude: 39° 52' 30"

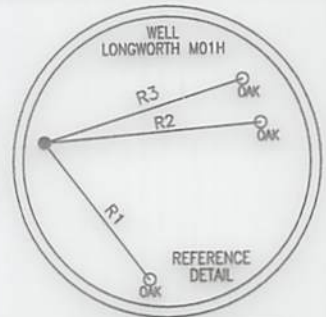
BHL is located on topo map 10,210 feet west of Longitude: 80° 42' 30"
SHL is located on topo map 5,251 feet west of Longitude: 80° 42' 30"

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT
- BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- AS-DRILLED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- 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 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.
- Lateral information depicted hereon was supplied by others.

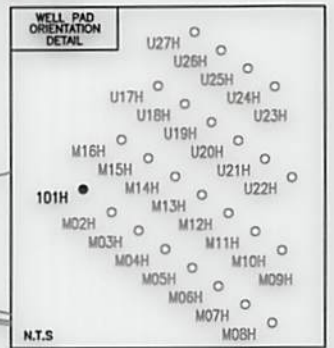
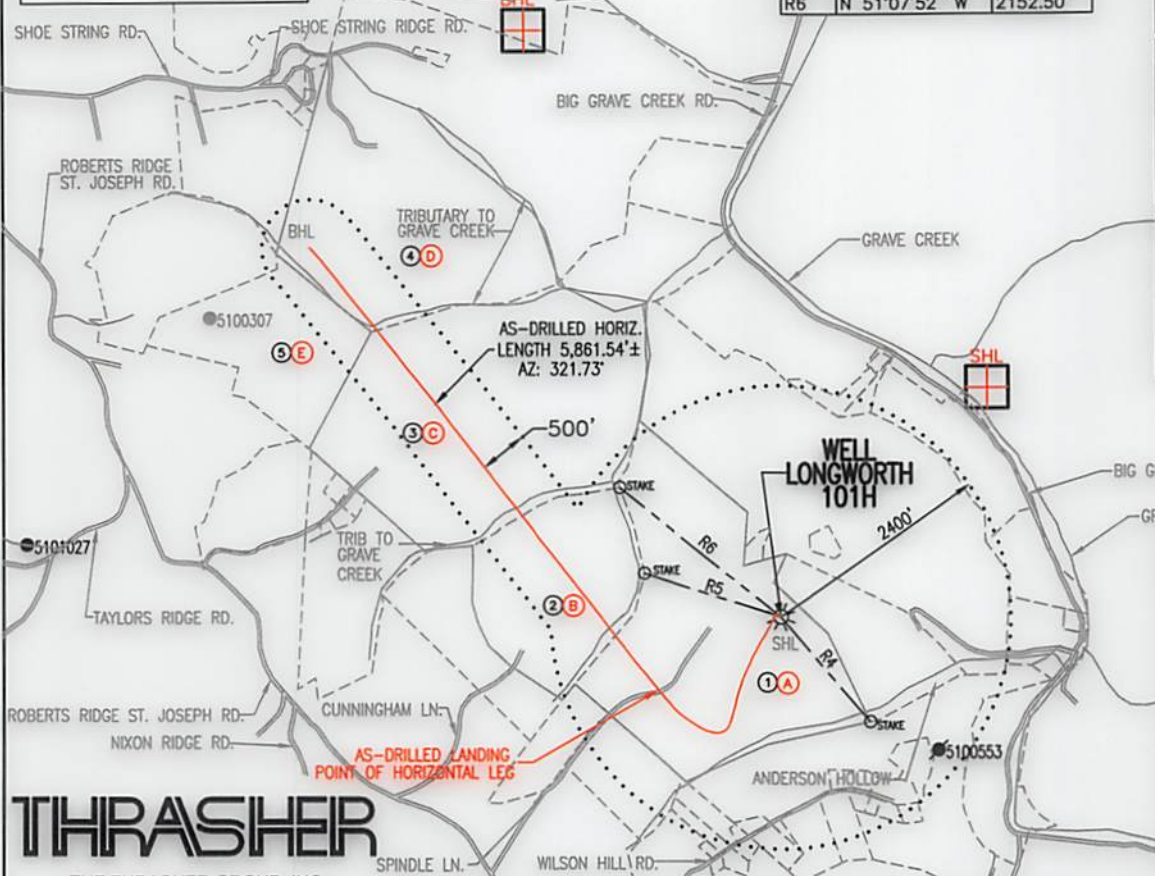


LINE	BEARING	DISTANCE
R1	S 34°52'31" E	227.76'
R2	N 86°57'54" E	312.31'
R3	N 81°36'46" E	291.32'
R4	S 40°52'32" E	1428.46'
R5	N 72°02'09" W	1494.99'
R6	N 51°07'52" W	2152.50'

AS-DRILLED LOCATIONS
SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4410860.031
E:523368.437
NAD83, WV NORTH
N:493131.610
E:1624048.850

APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4411426.596
E:523729.494
NAD83, WV NORTH
N:494970.990
E:1625264.730

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4412007.948
E:521854.063
NAD83, WV NORTH
N:496981.550
E:1619142.390



THRASHER

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

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

FILE #: LONGWORTH 101H-AS-DRILLED
DRAWING #: LONGWORTH 101H-AS-DRILLED
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

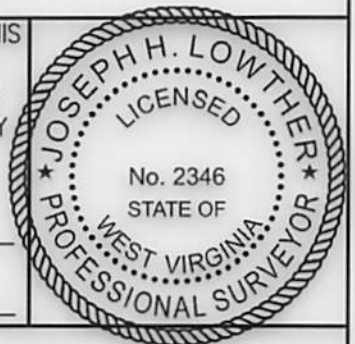
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Signed:

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: JANUARY 20, 2025

OPERATOR'S WELL #: LONGWORTH 101H-AS-DRILLED

API WELL #: 47 51 02519
STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1270.00'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: GRAHAM H. LONGWORTH JR. ACREAGE: 123.589±

OIL & GAS ROYALTY OWNER: GRAHAM H. LONGWORTH JR. ACREAGE: 298.747±

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: 6,553'± TMD: 13,274'±

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

LONGWORTH
101H
PAGE 2 OF 2
AS-DRILLED

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B	DALE CUNNINGHAM ET UX	4-13/33
C	BRETT A. ANDREWS ET UX	4-12/19
D	JMK IREV TRST	4-12/4
	PURPLEBURGH VENTURES LLC	
	MARCELLUS TX MINERAL PRTRNS LTD	
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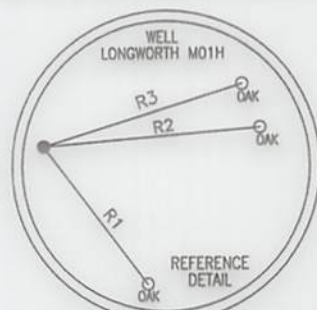
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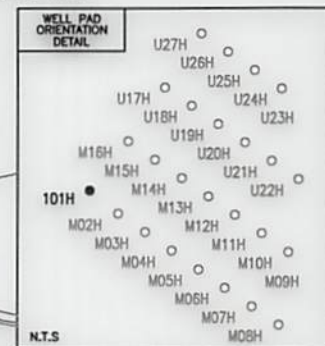
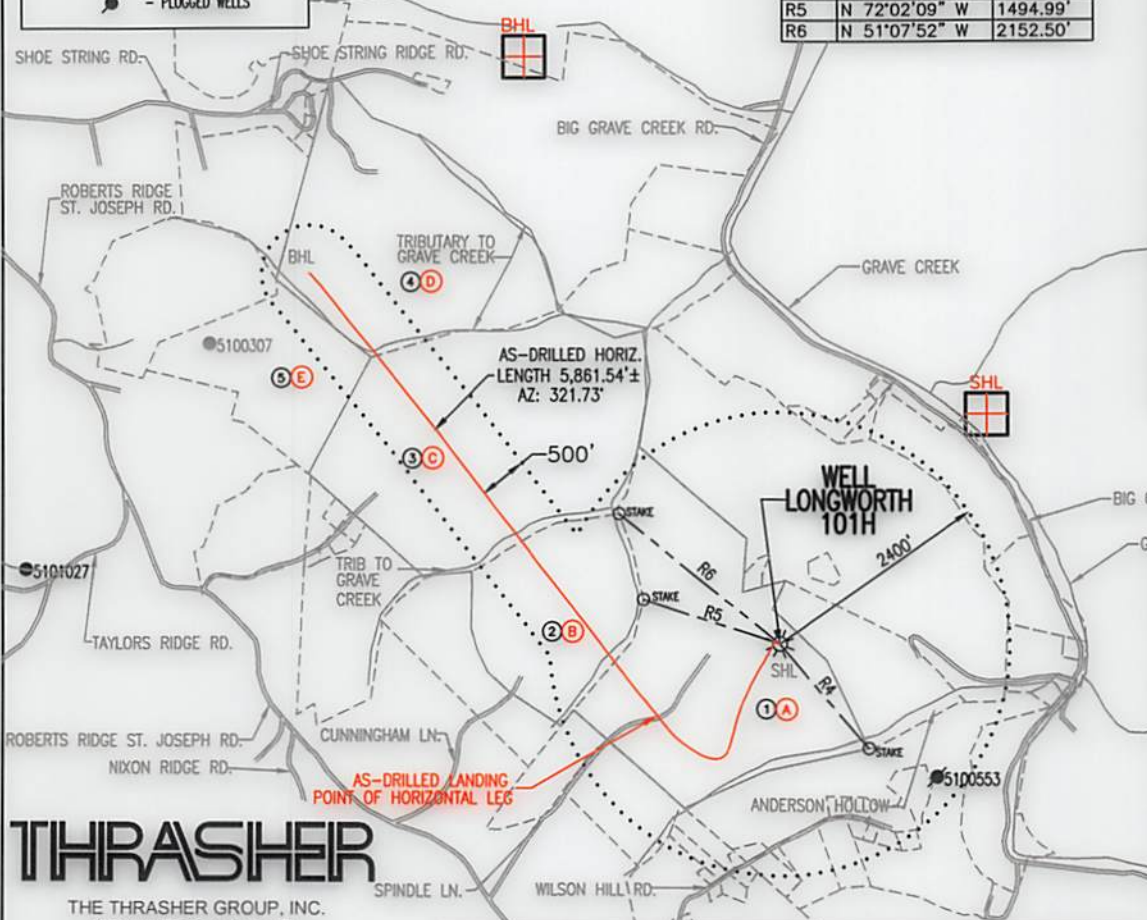
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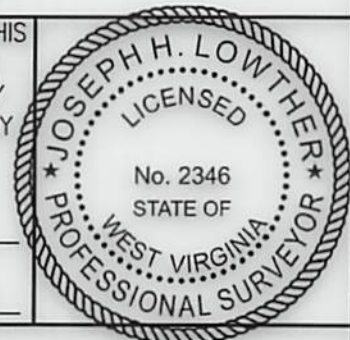
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