

Longworth Well Pad  
39.847283, -80.726760

RECEIVED  
Office of Oil and Gas  
NOV 06 2024  
WV Department of  
Environmental Protection

- ⊕ Well Head
- Access Road
- ▭ Well Pad Outline

Copyright: © 2013 National Geographic Society, i-cubed

Document Path: R:\07\0070-10539.00-Longworth North Subsurface-EQT-IGIS\MXD\USGS\_LONGWORTH\_8x11.mxd  
By: egiarlow



1 inch = 800 feet

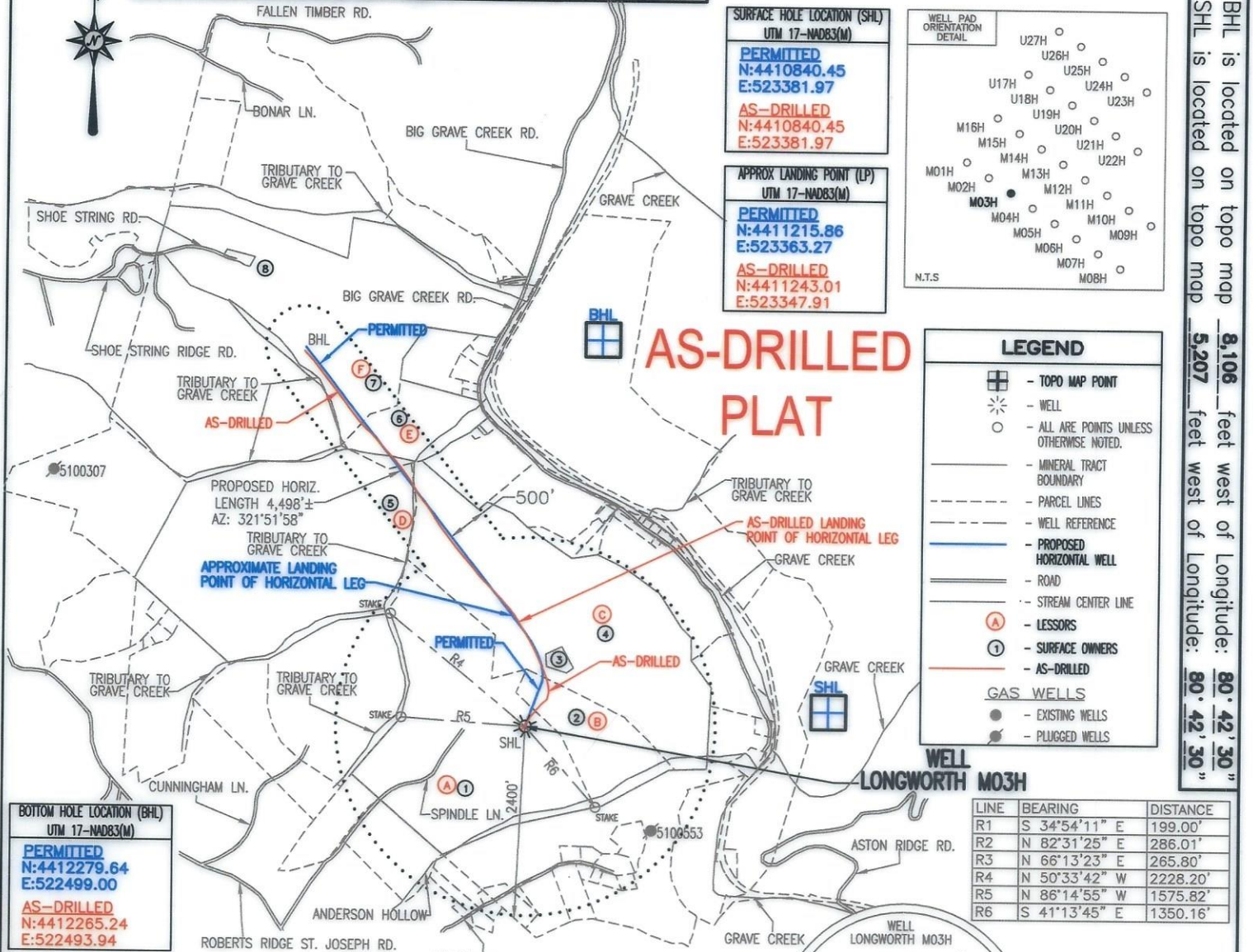
USGS Location Map  
Longworth  
Marshall County - West Virginia



8/7/2024  
12/13/2024

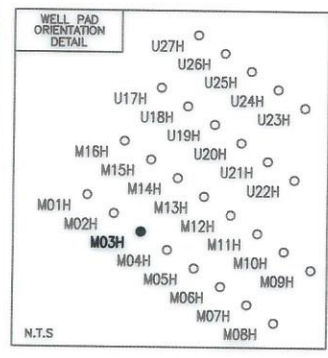
BHL is located on topo map **5,448** feet south of Latitude: **39° 52' 30"**  
 SHL is located on topo map **10,133** feet south of Latitude: **39° 52' 30"**

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



**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-MD83(M)  
**PERMITTED**  
 N:4410840.45  
 E:523381.97  
**AS-DRILLED**  
 N:4410840.45  
 E:523381.97

**APPROX LANDING POINT (LP)**  
 UTM 17-MD83(M)  
**PERMITTED**  
 N:4411215.86  
 E:523363.27  
**AS-DRILLED**  
 N:4411243.01  
 E:523347.91



**LEGEND**

- ⊕ - TOPO MAP POINT
- ⊛ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- Ⓐ - LESSORS
- ① - SURFACE OWNERS
- AS-DRILLED

**GAS WELLS**

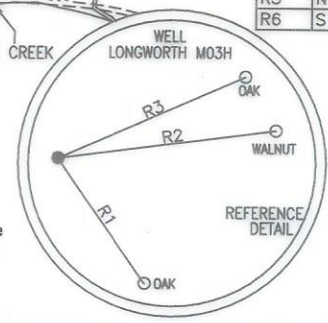
- - EXISTING WELLS
- ⦿ - PLUGGED WELLS

LINE	BEARING	DISTANCE
R1	S 34°54'11" E	199.00'
R2	N 82°31'25" E	286.01'
R3	N 66°13'23" E	265.80'
R4	N 50°33'42" W	2228.20'
R5	N 86°14'55" W	1575.82'
R6	S 41°13'45" E	1350.16'

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-MD83(M)  
**PERMITTED**  
 N:4412279.64  
 E:522499.00  
**AS-DRILLED**  
 N:4412265.24  
 E:522493.94

- 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.

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



FILE #: LONGWORTH M03H - AS-DRILLED  
 DRAWING #: LONGWORTH M03H - AS-DRILLED  
 SCALE: 1" = 2000'  
 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: OCTOBER 22, 2024  
 OPERATOR'S WELL #: LONGWORTH M03H - AS-DRILLED  
 API WELL #: 47 51 01903  
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1270'

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: 625.06±

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: 6,544'± TMD: 11,562'±

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

BHL is located on topo map **8,106** feet west of Longitude: **80° 42' 30"**  
 SHL is located on topo map **5,207** feet west of Longitude: **80° 42' 30"**

12/13/2024

# LONGWORTH

## M03H

### PAGE 2 OF 2

### AS-DRILLED PLAT

	LESSOR	DIST-TM/PAR
A	GRAHAM H. LONGWORTH, JR. ET AL	4-11/1
B	GRAHAM H. LONGWORTH, JR. ET AL	4-11/2
	LISA NICEWARNER	
	JULIA RODGERS	
	KEITH FRIESE	
	MARK FRIESE	
	ANTHONY FRIESE	
	JAMES FRIESE	
	HENRY FRIESE	
C	GRAHAM H. LONGWORTH, JR. ET AL	4-12/16
SHERI L. EVRAETS FAMILY TRUST		
LISA NICEWARNER		
JULIA RODGERS		
KEITH FRIESE		
MARK FRIESE		
ANTHONY FRIESE		
JAMES FRIESE		
D	BRETT A. ANDREWS ET UX	4-12/19
E	BAKER MARY ANN	4-12/10
	ULMAN TRUST MARY ANN BAKER TRSTE	
	DIocese OF WHEELING - CHARLESTON	
	WUERTHELE ROBERT S	
	WUERTHELE MARK K	
	WUERTHELE JEFFREY A	
	WUERTHELE MICHAEL D ET UX	
	CHEVRON U.S.A. INC.	
	ZIDAR SUSAN ET VIR	
F	JMK IREV TRST	4-12/3
PURPLEBURGH VENTURES LLC		
MARCELLUS TX MINERAL PRTRNS LTD		

	SURFACE OWNER	DIST-TM/PAR
1	GRAHAM H. LONGWORTH, JR.	4-11/1
2	GRAHAM H. LONGWORTH, JR.	4-11/2
3	DANIEL C., SR. & JEANNETTE L. LONGWORTH	4-12/16.1
4	DANIEL C. LONGWORTH	4-12/16
5	CODY M. JARRETT	4-12/19
6	THOMAS HAUGHT ET AL	4-12/10
7	MERLE CHAPLIN ET UX	4-12/3
8	MERLE R. & JEAN E. CHAPLIN	4-12/3.1

SURFACE HOLE LOCATION (SHL) UTM 17-NAD83(M)	APPROX LANDING POINT (LP) UTM 17-NAD83(M)	BOTTOM HOLE LOCATION (BHL) UTM 17-NAD83(M)
<b>PERMITTED</b> N:4410840.45 E:523381.97  <b>AS-DRILLED</b> N:4410840.45 E:523381.97	<b>PERMITTED</b> N:4411215.86 E:523363.27  <b>AS-DRILLED</b> N:4411243.01 E:523347.91	<b>PERMITTED</b> N:4412279.64 E:522499.00  <b>AS-DRILLED</b> N:4412265.24 E:522493.94

12/13/2024



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

**OCTOBER 22, 2024**