




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

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1 inch = 800 feet

USGS Location Map
Longworth
Marshall County - West Virginia

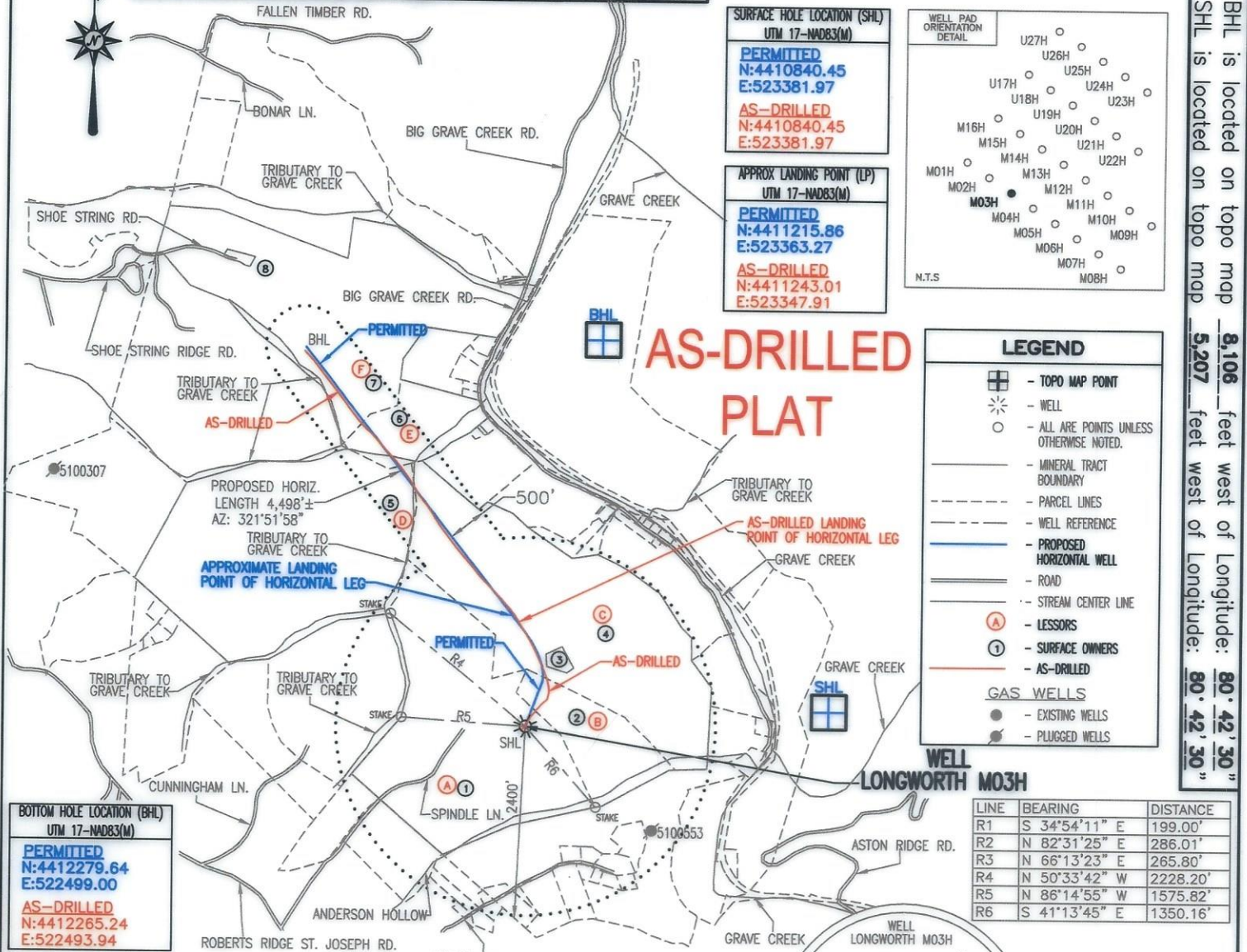


8/7/2024
12/13/2024

Document Path: R:\07\0070-10539.00-Longworth North Subsurface-EQT-IGIS\MXD\USGS_LONGWORTH_8x11.mxd
By: egiarlow

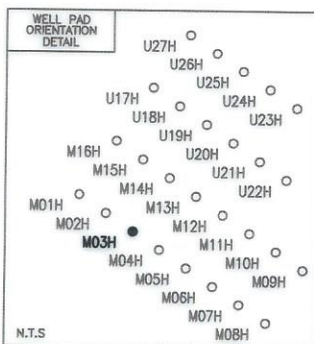
BHL is located on topo map **5,448** feet south of Latitude: **39° 52' 30"**
 SHL is located on topo map **10,133** feet south of Latitude: **39° 52' 30"**

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
- SURFACE OWNERS
- AS-DRILLED
- GAS WELLS**
- EXISTING WELLS
- PLUGGED WELLS

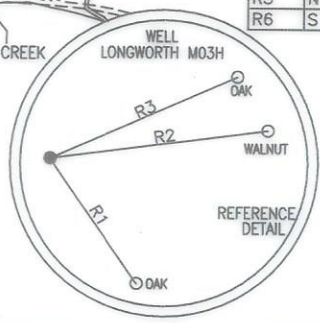
LINE	BEARING	DISTANCE
R1	S 34°54'11" E	199.00'
R2	N 82°31'25" E	286.01'
R3	N 66°13'23" E	265.80'
R4	N 50°33'42" W	2228.20'
R5	N 86°14'55" W	1575.82'
R6	S 41°13'45" E	1350.16'

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

THRASHER

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

- 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.



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	
	LAUREN M TEKELY IRREVOCABLE TRUST	
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)
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