




Longworth Well Pad  
39.847283, -80.726760

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

-  Well Head
-  Access Road
-  Well Pad Outline

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Document Path: R:\070070-10639.00-Longworth North Subsurface-EQT-IGISIMXD\SUSGS\_LONGWORTH\_8x11.mxd

By: egarlow



1 inch = 800 feet

USGS Location Map  
Longworth  
Marshall County - West Virginia

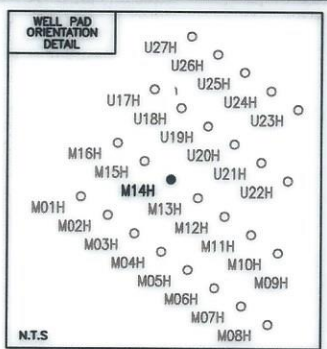
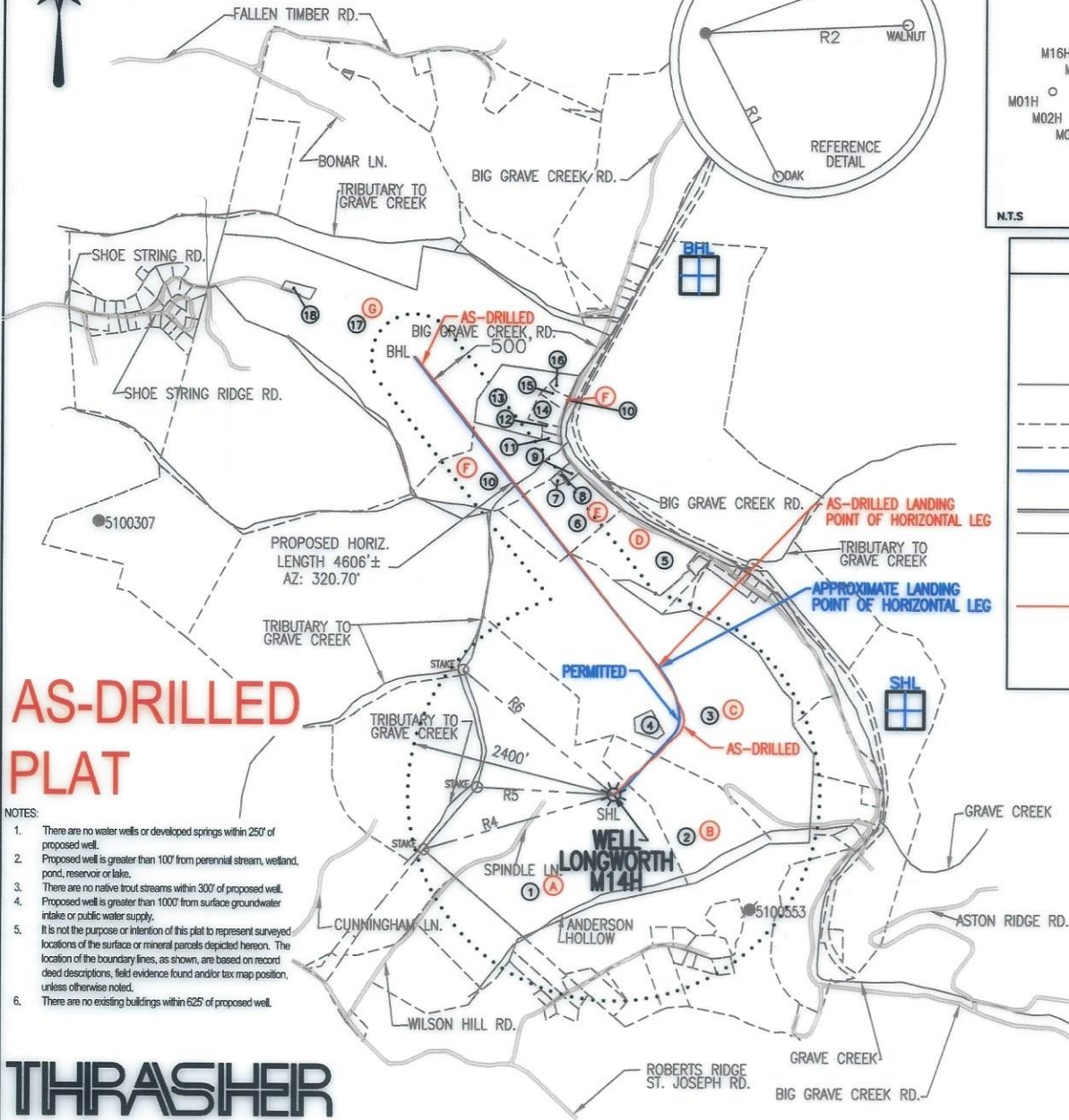


12/13/2024

LINE	BEARING	DISTANCE
R1	S 27°16'54" E	211.50'
R2	N 87°19'44" E	266.95'
R3	N 69°59'46" E	240.85'
R4	S 73°38'24" W	2302.07'
R5	N 87°13'26" W	1592.27'
R6	N 50°31'59" W	2279.14'

BHL is located on topo map 5,022 feet south of Latitude: 39° 52' 30"  
 SHL is located on topo map 10,060 feet south of Latitude: 39° 52' 30"

BHL is located on topo map 7,550 feet west of Longitude: 80° 42' 30"  
 SHL is located on topo map 5,136 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
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- AS-DRILLED

**GAS WELLS**

- EXISTING WELLS
- PLUGGED WELLS

**AS-DRILLED PLAT**

- 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

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

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83(M)  
**PERMITTED**  
 N:4410848.08  
 E:523387.00  
**AS-DRILLED**  
 N:4410848.08  
 E:523387.00

**APPROX LANDING POINT (LP)**  
 UTM 17-NAD83(M)  
**PERMITTED**  
 N:4411303.78  
 E:523538.59  
**AS-DRILLED**  
 N:4411306.33  
 E:523532.15

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83(M)  
**PERMITTED**  
 N:4412387.19  
 E:522646.38  
**AS-DRILLED**  
 N:4412389.54  
 E:522649.18

FILE #: LONGWORTH M14H - AS-DRILLED  
 DRAWING #: LONGWORTH M14H - 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 M14H - AS-DRILLED  
 API WELL #: 47 51 02081  
 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: 505.949±

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: 6,535'± TMD: 11,788'±

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: CLARKBURG State: WV Zip Code: 26301

# LONGWORTH M14H PAGE 2 OF 2 AS-DRILLED

	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	
	STEVEN 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	
	HENRY FRIESE	
STEVEN FRIESE		
D	MICHAEL A. JOBES ET UX	4-12/12
E	MARY ANN BAKER	4-12/10.2
	ULMAN TRUST MARY ANN BAKER TRSTE	
	DIOCESE OF WHEELING - CHARLESTON	
	ROBERT S. WUERTHELE	
	MARK K. WUERTHELE	
	JEFFREY A. WUERTHELE	
	MICHAEL D. WUERTHELE ET UX	
	Chevron U.S.A., Inc.	
	SUSAN ZIDAR ET VIR	
	LAUREN M TEKELY IRREVOCABLE TRUST	
F	MARY ANN BAKER	4-12/10
	ULMAN TRUST MARY ANN BAKER TRSTE	
	DIOCESE OF WHEELING - CHARLESTON	
	ROBERT S. WUERTHELE	
	MARK K. WUERTHELE	
	JEFFREY A. WUERTHELE	
	MICHAEL D. WUERTHELE, ET UX	
	Chevron U.S.A. Inc.	
	SUSAN ZIDAR ET VIR	
LAUREN M TEKELY IRREVOCABLE TRUST		
G	JMK IREV TRST	4-12/3
	PURPLEBURGH VENTURES LLC	
	MARCELLUS TX MINERAL PRTNRS 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. LONGWORTH	4-12/16
4	DANIEL C. SR. AND JEANNETTE L. LONGWORTH	4-12/16.1
5	KEVIN HAUGHT	4-12/12
6	THOMAS L. AND CLARA J. HAUGHT-LIFE	4-12/10.2
7	THOMAS L. AND CLARA J. HAUGHT-LIFE	4-12/6
8	THOMAS L. AND CLARA J. HAUGHT-LIFE	4-12/11
9	THOMAS L. & CLARA J. HAUGHT	4-12/10.1
10	THOMAS HAUGHT ET AL	4-12/10
11	CLIFFORD A. & JOY M. WHITE	4-12/10.3
12	CLIFFORD A. & JOY M. WHITE	4-12/10.4
13	CLIFFORD A. & JOY M. WHITE	4-12/10.5
14	THOMAS L. & CLARA J. HAUGHT	4-12/9
15	THOMAS L. & CLARA J. HAUGHT	4-12/8
16	THOMAS L. & CLARA J. HAUGHT	4-12/7
17	MERLE CHAPLIN ET UX	4-12/3
18	MERLE R. & JEAN E. CHAPLIN	4-12/3.1

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OCTOBER 22, 2024

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