

—3,318'—	LONGITUDE 80°57'30"
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4,247' TO BOTTOM HOLE

LONGITUDE 80°57'30"

NOTE: 7 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD

WELL NO. 1H

Distances from Well No. 1H to other wells:

- W1: 4940'
- W2: 4443'
- W3: 4433'
- W4: 4443'
- W5: 4449'
- W6: 4443'
- W7: 4332'
- W8: 4332'
- W9: 4332'
- W10: 4332'
- W11: 4332'
- W12: 4332'
- W13: 4332'
- W14: 4332'
- W15: 4332'
- W16: 4332'
- W17: 4332'
- W18: 4332'
- W19: 4332'
- W20: 4332'
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- W93: 4332'
- W94: 4332'
- W95: 4332'
- W96: 4332'
- W97: 4332'
- W98: 4332'
- W99: 4332'
- W100: 4332'

UNION DISTRICT - RITCHIE COUNTY	
7-13	Dawn McLaughlin
7-14	Wayne & Delphene Haddox
7-15	Louis Daniel Easterday Revocable Living Trust
7-16	Louis D Easterday
7-18	Louis D Easterday
7-19	Max & Laura Dodd
12-2.1	Hought Farm LLC
12-6	Robert & Dorothy Layton
12-6.1	Robert & Dorothy Layton
12-7	Louis Daniel Easterday Revocable Living Trust
12-7.1	Louis Daniel Easterday Revocable Living Trust

CLAY DISTRICT - RITCHIE COUNTY	
35-3	Debra Davis, Et Al
35-8	Debra Clements
35-14	Darren & Danielle Dodd
35-14.2	Kevin Ross & Kayla Cunningham
35-15	Lewis Cottrill
35-31	Max & Laura Dodd
35-31.1	Bradley Dodd
35-31.3	Bryan Davis
35-31.4	Ruth Ann Dodd
35-31.5	Marilyn Sue Dodd
35-31.6	Gregory Dodd
35-40	Max & Laura Dodd
39-1	Lowell & Alma Blevins
39-1.1	Lowell & Alma Blevins
39-2	Loren & Lenise Sellers
39-2.1	John E. McCloy, JR.
39-3	Lowell & Alma Blevins
39-3.1	Lowell & Alma Blevins
39-3.2	Lowell & Alma Blevins
39-4	Gregory Dodd
39-5	Robert & Brenda McCullough
39-6	Robert & Brenda Dodd
39-11	Marilyn Sue Dodd
39-12	Douglas Wade Elder
39-13	Douglas Wade Elder
39-17	Grace Louise Elliott
39-17.1	Grace Louise Elliott
39-17.2	Grace Louise Elliott
39-17.3	Defrahn Trust
39-17.4	Andrew Fulesi & Kain Grimm

A	ELKHORN MINERALS III, LLC.
B	LINDA KAY SMITH
C	DAVID W. DOTSON
D	DAVID W. DOTSON
E	WV DOT, DOH
F	BURL DODD ET AL

MAPPING GRADE GPS UNIT.
PLAT ORIENTATION, CORNER,
AND WELL REFERENCE TIE LINES
ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,338,895m E: 503,612m
BOTTOM HOLE INFORMATION:
N: 4 343 235m E: 501 610m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,234,477ft E: 1,652,219ft
POINT OF ENTRY INFORMATION:
N: 14,233,909ft E: 1,650,674ft
BOTTOM HOLE INFORMATION:
N: 14,248,718ft E: 1,645,651ft

51	G	WV DOT, DOH
	H	EARL WILSON ET AL
	I	TERESA WILSON SMITH
	J	L.C. WILSON
	K	EDWIN S. AMESBURY
	L	KENNETH HARLEY ELDER AND DONALD RAY ELDER, JTWR0S
	M	TERESA WILSON SMITH
	N	ERMA JANE BOYES
	O	CARL D. ELDER AND JANET ELDER
57	P	RUTHA ELDER ET AL
	Q	SIGNORELLI FAMILY TRUST
	R	GARY C. DODD ET UX
	S	HELEN FITZWATER
	T	ALLIANCE PETROLEUM CORPORATION
	U	J. RAYMOND ELLIOTT ET AL
	V	REBECCA A. MCGINNIS
	W	ESTHER HAYHURST
	X	KENNETH B. PERINE AND PATRICIA PERINE
	Y	KENNETH B. PERINE AND PATRICIA PERINE
	Z	EDITH LAYTON
	AA	JOSEPH A. HOWARD
	AB	JOYCE ANN HOWARD
	AD	FREDERICK SIMONS ET AL

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

JOB # 25-004WA
DRAWING # AUTUMN1HAD
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY SUBMETER
PROVEN SOURCE OF ELEV.
SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

LEGEND

 Surface Owner Boundary Lines +/-
 Interior Surface Tracts +/-
 Proposed Well Path
 As Drilled Well Path

THOMAS SUMMERS P.S. 2109		
DATE <u>12/15/25</u>		
OPERATOR'S WELL# <u>AUTUMN UNIT #1H</u>		
<u>47</u>	<u>085</u>	<u>10550</u>
STATE	COUNTY	PERMIT

PAD LAYOUT

GRID NORTH
N

NOT TO SCALE

KEEL UNIT 1H
JIB UNIT 1H
SAIL UNIT 1H
AFT UNIT 1H
AUTUMN UNIT 1H
ELLIOTT UNIT 1H

15"
15"
15"
15"
15"
15"

N 12° 14' E

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW
LOCATION: ELEVATION AS BUILT - 1,097' WATERSHED SOUTH FORK HUGHES RIVER
QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY ITCHIE
SURFACE OWNER LOUIS DANIEL EASTERDAY REVOCABLE LIVING TRUST ACREAGE 5.25 ACRES +/-
OIL & GAS ROYALTY OWNER JOSEPH A. HOWARD LEASE ACREAGE 5.25 ACRES±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL
FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,377' TVD 22,486' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
DENVER, CO 80202 BRIDGEPORT, WV 26333

09/04/2026

A circular professional seal for Thomas Summers, a Licensed Professional Surveyor in the State of West Virginia. The seal features a double-lined border. Inside the border, the text "THOMAS SUMMERS" is at the top, "LICENSED" is below it, "No. 2109" is in the center, "STATE OF WEST VIRGINIA" is below the center, and "PROFESSIONAL SURVEYOR" is at the bottom. Two five-pointed stars are positioned on the left and right sides of the seal.

NOTE

1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE PROPERTY.

2. TOLL HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.

3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.

4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE REGULATOR BY THE OPERATOR.

5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.