

LATITUDE 39°35'00"

6,441'

LATITUDE 39°37'30"

11,631' TO BOTTOM HOLE

4,355'

3,201' TO BOTTOM HOLE LONGITUDE 80°47'30"

LONGITUDE 80°47'30"

Antero Resources Corporation Well No. Galarraga #1H

NOTE
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 CENTER OF THE WELL PAD.

1H BOTTOM HOLE

A1	LILLIE BLANCHE SMITH TESTAMENTARY TRUST
A2	LILLIE BLANCHE SMITH TESTAMENTARY TRUST
B1	BRU APPALACHIAN MINERALS I, LLC
B2	BRU APPALACHIAN MINERALS I, LLC
B3	BRU APPALACHIAN MINERALS I, LLC
C	WILLIAM W. FLETCHER, JR., BY UX
D	LILLIE BLANCHE SMITH TESTAMENTARY TRUST
E	WYNR
F	LILLIE BLANCHE SMITH TESTAMENTARY TRUST
G	SHIBEN ESTATES, INC.
H	NANCY LOU O'NEIL LASURE
I	CSX TRANSPORTATION, INC.
J1	WILL E. MORRIS HEIRS TRUST
J2	WILL E. MORRIS HEIRS TRUST
J3	WILL E. MORRIS HEIRS TRUST
J4	WILL E. MORRIS HEIRS TRUST
K	DAVID L. SHREVE AND ESTER SHREVE
L	JEFFERY T. BROWN AND CYNTHIA J. BROWN
M1	J. WELLS KAHN, BY AL
M2	J. WELLS KAHN, BY AL
N	LAWRENCE P. LEMON AND ANITA M. LEMON
O	CAUL PHILLIPS ATKINSON
P	BENJAMIN R. YOHO
Q	STONE HILL MINERALS HOLDINGS, LLC
R	COASTAL FOREST RESOURCES COMPANY
S	BENJAMIN R. YOHO
T1	TOMMEY J. CUMP AND JEAN ANN CUMP
T2	TOMMEY J. CUMP AND JEAN ANN CUMP
U	JOHN MATHEW STALEY
V	DAVID LEE SMITH
W	MICHAEL EUGENE SMITH
AA	DAVID LEE SMITH
AB	ROBERT HARRY MYERS, SR.
AC	JOHN MATHEW STALEY

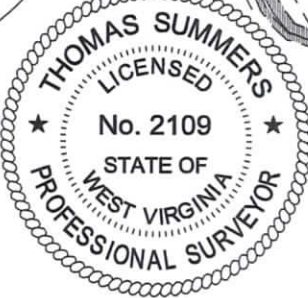
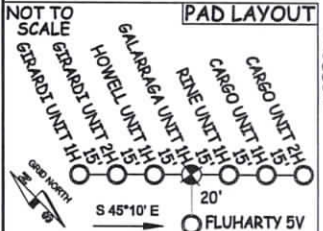
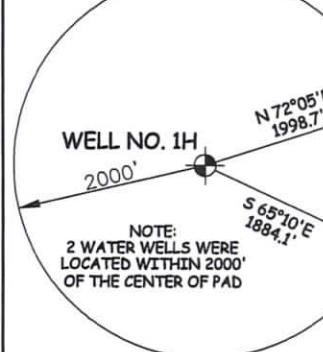
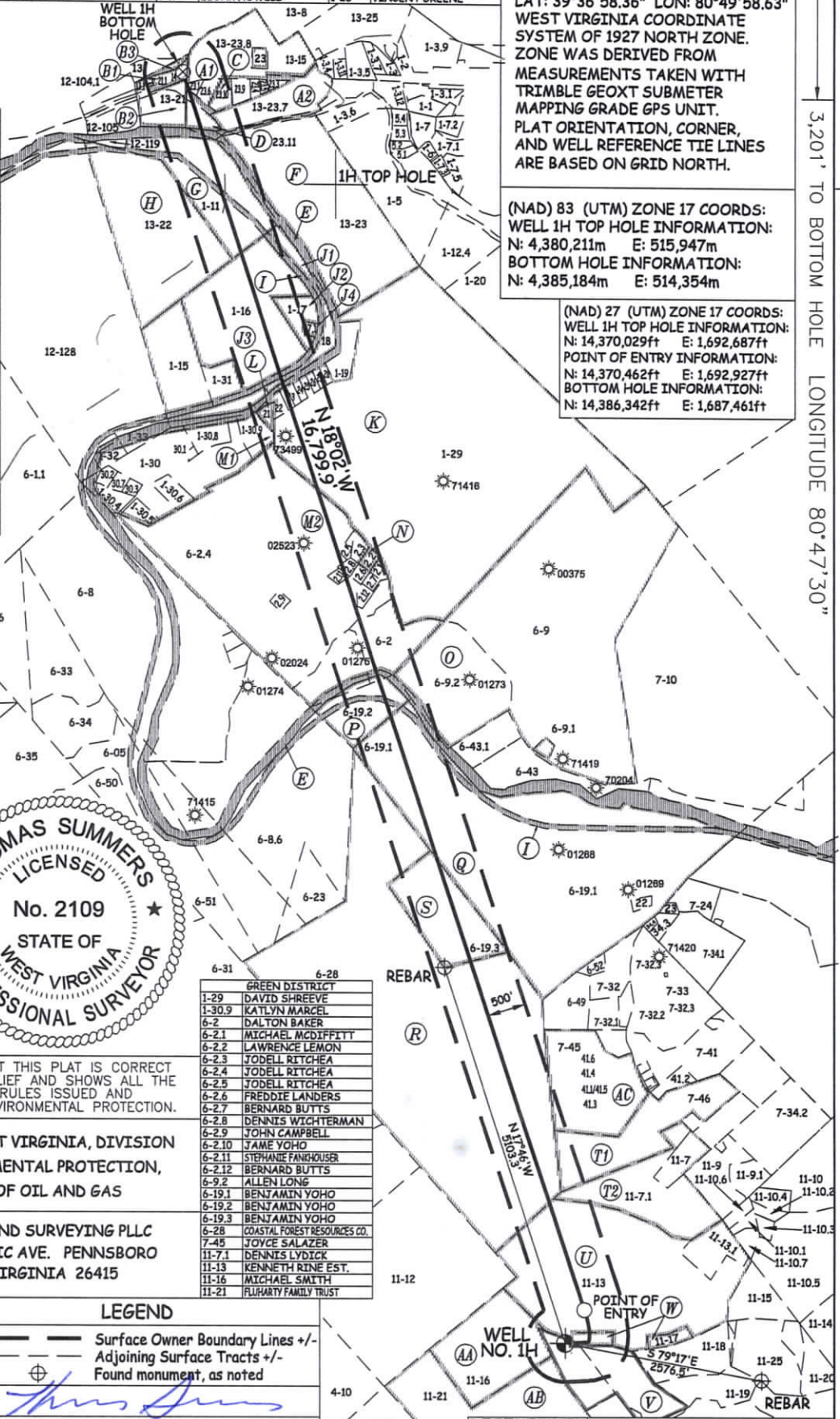
MAGNOLIA DISTRICT	13-23.7	BARRY KIRKLAND	1-17.1	CHRISTOPHER HOWELL	
12-119	NANCY LASURE	13-23.8	JEROME SANDS	1-18	JUANITA DIXON
13-13	RUTH BLAKE	13-23.9	RICHARD JOY	1-21	JEFFERY BROWN
13-13.1	WSD PROPERTIES LLC	13-23.10	WILLIAM FLETCHER	1-22	GREGORY GRIFFITH
13-14	WVDOH	13-23.11	BARRY KIRKLAND	1-23	SHERWIN TOOTHMAN
13-21	WSD PROPERTIES LLC		GREEN DISTRICT	1-24	DIANE VASQUEZ
13-21.1	WVDOH	1-11	STEVEN HOWELL	1-25	RONALD MILLER
13-23	TH EXPLORATION II LLC	1-15	JACOB MORGAN	1-26	DEBRA MASON
13-23.1	ROBERT GORBY	1-16	MARK HOWELL	1-27	LOYD DENNIS JR.
13-23.6	ROBERT GORBY	1-17	EDGAR HOWELL	1-28	VINCENT GREENE

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 392,930ft E: 1,629,455ft
LAT: 39°34'16.97" LON: 80°48'52.25"
BOTTOM HOLE INFORMATION:
N: 409,334ft E: 1,624,500ft
LAT: 39°36'58.36" LON: 80°49'58.63"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER 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: 4,380,211m E: 515,947m
BOTTOM HOLE INFORMATION:
N: 4,385,184m E: 514,354m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,370,029ft E: 1,692,687ft
POINT OF ENTRY INFORMATION:
N: 14,370,462ft E: 1,692,927ft
BOTTOM HOLE INFORMATION:
N: 14,386,342ft E: 1,687,461ft

WV NORTH ZONE GRID NORTH



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

GREEN DISTRICT	6-28
1-29	DAVID SHREVE
1-30.9	KATLYN MARCEL
6-2	DALTON BAKER
6-2.1	MICHAEL MCDIFFITT
6-2.2	LAWRENCE LEMON
6-2.3	JODELL RITCHEA
6-2.4	JODELL RITCHEA
6-2.5	JODELL RITCHEA
6-2.6	FREDDIE LANDERS
6-2.7	BERNARD BUTTS
6-2.8	DENNIS WICHTERMAN
6-2.9	JOHN CAMPBELL
6-2.10	JAME YOHO
6-2.11	STEPHANIE FANGHOUSER
6-2.12	BERNARD BUTTS
6-9.2	ALLEN LONG
6-19.1	BENJAMIN YOHO
6-19.2	BENJAMIN YOHO
6-19.3	BENJAMIN YOHO
6-28	COASTAL FOREST RESOURCES CO.
7-45	JOYCE SALAZER
11-7.1	DENNIS LYDICK
11-13	KENNETH RINE EST.
11-16	MICHAEL SMITH
11-21	FLUHARTY FAMILY TRUST

JOB # 21-011WA
DRAWING # GALARRAGA1HR
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
— Surface Owner Boundary Lines +/-
- - - Adjoining Surface Tracts +/-
⊕ Found monument, as noted

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

DATE 02/21/24
OPERATOR'S WELL# GALARRAGA UNIT #1H
47 - 103 - 03633
STATE COUNTY PERMIT



WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION PROPOSED - 1,181' WATERSHED FISHING CREEK 1" = 200'

QUADRANGLE PORTER FALLS 7.5' DISTRICT GREEN COUNTY WETZEL
SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 46.95 ACRES±
OIL & GAS ROYALTY OWNER DAVID L. SMITH LEASE ACREAGE 67 ACRES±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER REDRILL ___ FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,300' TVD 25,300' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS
ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202 ADDRESS 535 WHITE OAK BLVD. BRIDGEPORT, WV 26330

04/05/2024

COUNTY NAME PERMIT