

LATITUDE 39°25'00"

10,869'

LATITUDE 39°27'30" 2,631' TO BOTTOM HOLE

LONGITUDE 80°45'00"

8,156'

LONGITUDE 80°42'30"

11,678' TO BOTTOM HOLE

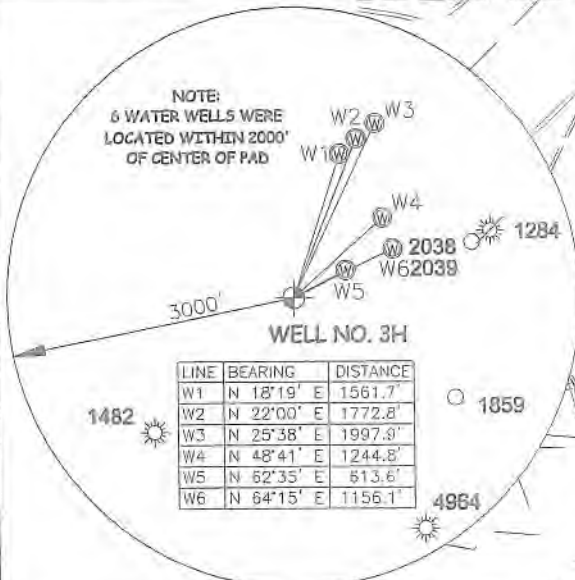
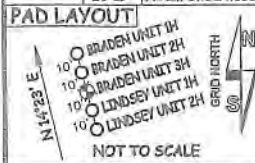
Antero Resources Corporation Well No. Braden Unit 3H

Table with 4 columns: TM-Par, Surface Owner, Book/Pg, Acreage. Lists various land parcels and owners.

AS DRILLED DATA: WELL 3H TOP HOLE INFORMATION: N: 328,158ft E: 1,647,648ft... BOTTOM HOLE INFORMATION: N: 339,814ft E: 1,644,278ft...

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 3H TOP HOLE INFORMATION: N: 4,360,571m E: 521,818m... BOTTOM HOLE INFORMATION: N: 4,364,105m E: 520,732m

WV NORTH ZONE GRID NORTH

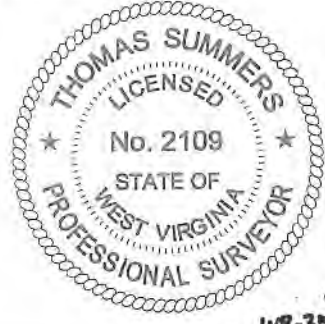


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC, 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

- 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 CENTER OF THE WELL PAD.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY
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 LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



JOB # 18-002WA
DRAWING # BRADEN3HAD
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 11/21/19
OPERATOR'S WELL# BRADEN UNIT 3H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02503
(If "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 827 - AS BUILT WATERSHED McELROY CREEK
QUADRANGLE TH-CENTERPOINT 7.3 BH-SHIRLEY 7.5 DISTRICT McELROY COUNTY TYLER
SURFACE OWNER STEPHEN GRIMM ACREAGE 44.38 ACRES +/-
OIL & GAS ROYALTY OWNER M. V. B. GEORGE; C.B. MORRIS & S.A. SMITH IRREVOCABLE TRUST; LEASE ACREAGE 300 AC±; 50 AC±;
DONNA FOGUS; ELIZA UNDERWOOD ET AL; BRC APPALACHIAN MINERALS 1, LLC; LIFE & ABEY, LLC; 60.91 AC±; 216 AC±; 29.5 AC±; 33 AC±;
LIFE & ABEY, LLC; BAYARD SWEENEY JR. ET UX 35 AC±; 111.11 AC±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL CLEAN OUT & REPLUG
(SPECIFY) AS DRILLED PLUG & ABANDON
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,594' TVD 19,591' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

As-Drilled

LATITUDE 39°25'00"

10,869'

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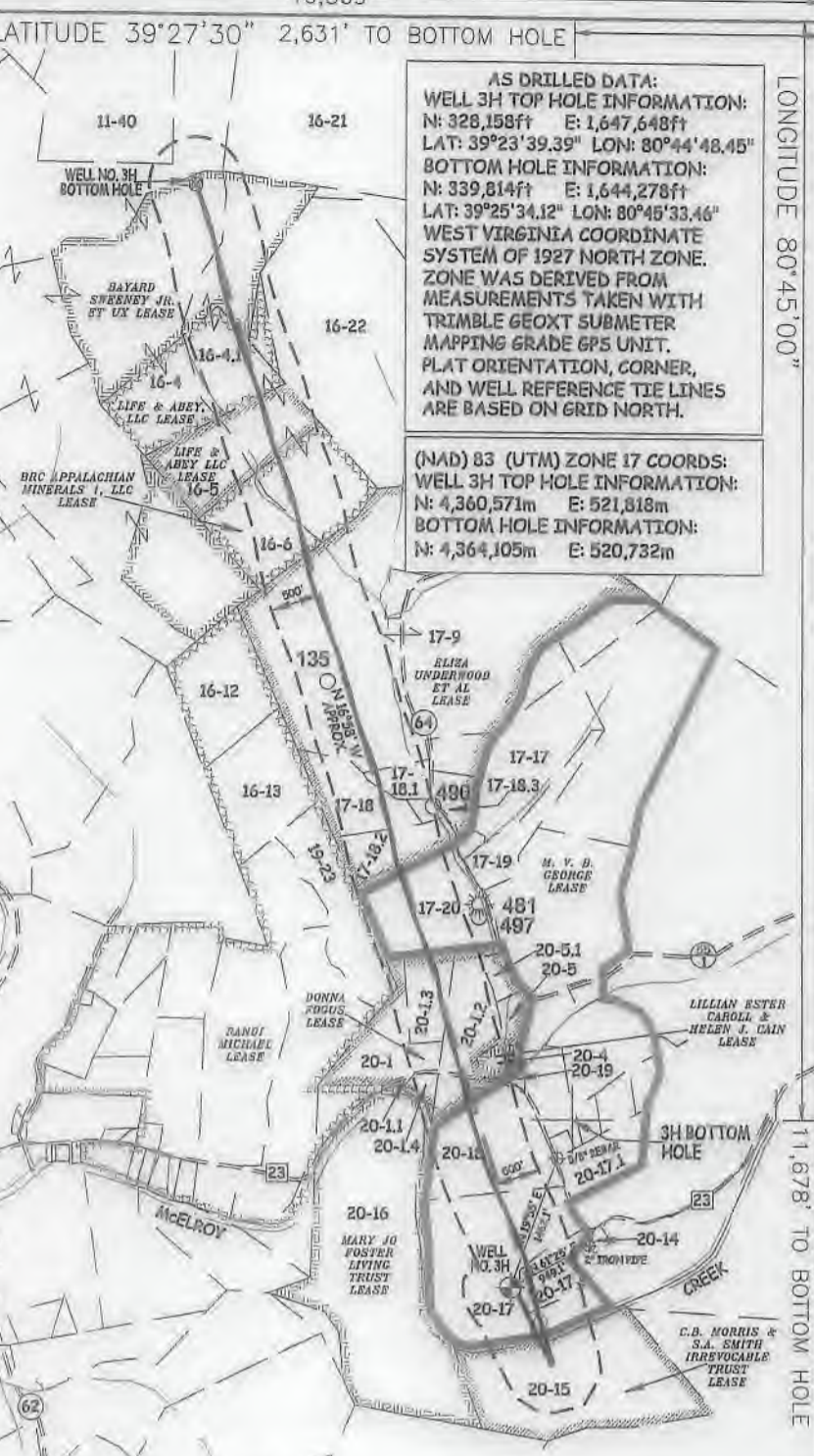
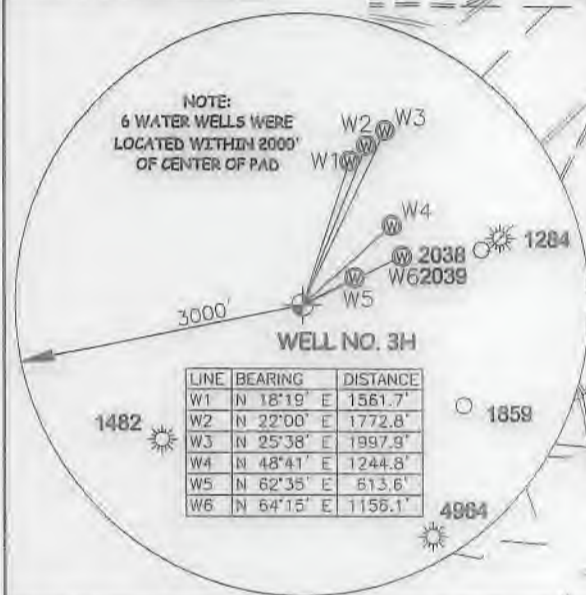
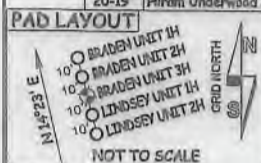
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TM-Par	Surface Owner	Book/Pg	Acres
11-40	Hunter Real Estate LLC	379/806	106.87 AC
16-4	KES Investments 4 LLC	351/516	332.6 AC
16-4.1	Howard Pratt	329/706	77.75 AC
16-5	KES Investments 4 LLC	351/513	16 AC
16-6	KES Investments 4 LLC	351/513	33.75 AC
16-12	Boyd Nichols Est.	180/166	25 AC
16-13	Boyd Nichols Est.	180/166	25 AC
16-21	Maxine Volvyi	329/499	85 AC
16-22	Albert Ricci Jr.	346/625	104 AC
17-9	Myra Parker	366/478	176 AC
17-17	Anthony Clark	334/201	31.48 AC
17-18	Gary Milley	311/195	13.51 AC
17-18.1	Myra Parker	366/478	6 AC
17-18.2	Gary Milley	300/72	10.96 AC
17-18.3	Gary Milley	331/12	6.53 AC
17-19	Cliffon Weasley	268/266	11.1 AC
17-20	Brandy Gresswalt	354/448	30 AC
19-23	John Shepherd	330/115	18 AC
20-1	Eloise Bailey	320/567	24.73 AC
20-1.1	Judy Weasley	247/238	0.37 AC
20-1.2	Charles Baird	345/468	18.54 AC
20-1.3	Charles Baird	345/468	9.07 AC
20-1.4	Mark Harris	371/286	2.147 AC
20-4	Lillian Corvell	351/131	1.13 AC
20-5	Lloyd Pitts	320/426	3.00 AC
20-5.1	Jeffrey Ranshaw	335/779	2.636 AC
20-14	Forest Moore Jr.	253/83	0.81 AC
20-15	Gary Hamilton	363/209	30 AC
20-16	Larry Frazee	344/777	94 AC
20-17	Stephen Grimm	363/331	44.38 AC
20-17.1	Ralph Sweeney	301/2	12.466 AC
20-17.2	Mary Lamasters	WB34/23	8.919 AC
20-18	Mary Lamasters	WB34/23	26.75 AC
20-19	Hiram Underwood Jr.	251/110	0.7 AC

AS DRILLED DATA:
 WELL 3H TOP HOLE INFORMATION:
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 LAT: 39°23'39.39" LON: 80°44'48.45"
 BOTTOM HOLE INFORMATION:
 N: 339,814ft E: 1,644,278ft
 LAT: 39°25'34.12" LON: 80°45'33.46"
 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.

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WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO
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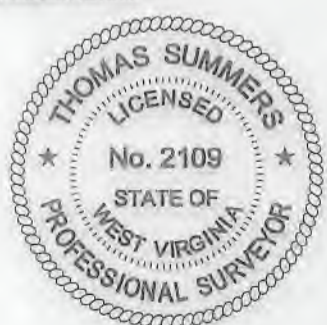
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- Interior Surface Tracts +/-
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 DENVER, CO 80202 CHARLESTON, WV 25313

WR-35 COUNTY NAME PERMIT