

LATITUDE 39°25'00"

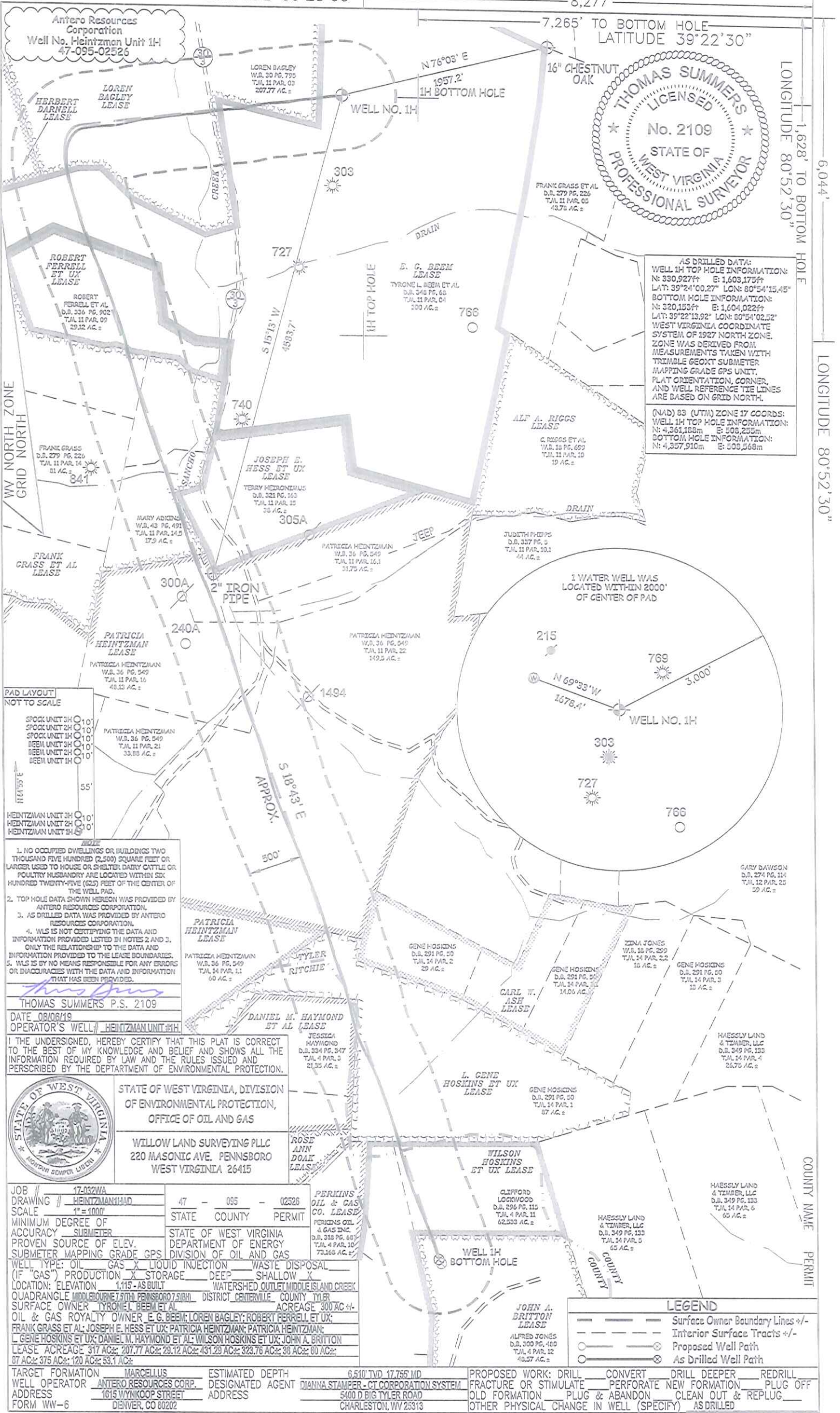
8,277'

7.265' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°52'30"

6,044'

LONGITUDE 80°52'30"



AS DRILLED DATA:
 WELL 1H TOP HOLE INFORMATION:
 N: 330,927ft E: 1,603,175ft
 LAT: 39°24'00.27" LON: 80°54'15.45"
 BOTTOM HOLE INFORMATION:
 N: 320,153ft E: 1,604,022ft
 LAT: 39°22'13.92" LON: 80°54'02.52"
 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 THE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,361,188m E: 508,255m
 BOTTOM HOLE INFORMATION:
 N: 4,357,910m E: 508,568m

PAD LAYOUT NOT TO SCALE

FOOT UNIT 1H
 FOOT UNIT 2H
 FOOT UNIT 3H
 BEEM UNIT 1H
 BEEM UNIT 2H
 BEEM UNIT 3H

HEINTZMAN UNIT 1H
 HEINTZMAN UNIT 2H
 HEINTZMAN UNIT 3H

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

THOMAS SUMMERS P.S. 2109

DATE 08/08/19
 OPERATOR'S WELL: HEINTZMAN UNIT 1H

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

JOB #	17-0321WA	PERMITS	47 - 095 - 02526
DRAWING #	HEINTZMAN1HAD	STATE	COUNTY
SCALE	1" = 100'	DEPARTMENT OF ENERGY	DIVISION OF OIL AND GAS
MINIMUM DEGREE OF ACCURACY	SUBMETER	STATE OF WEST VIRGINIA	DEPARTMENT OF ENERGY
PROVEN SOURCE OF ELEV.	SUBMETER MAPPING GRADE GPS	WILLOW LAND SURVEYING PLLC	220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415
WELL TYPE:	OIL GAS X LIQUID INJECTION	WASTE DISPOSAL	
(IF "GAS") PRODUCTION	X STORAGE	DEEP	SHALLOW X
LOCATION: ELEVATION	1,115'-AS BUILT	WATERSHED OUTLET	MIDDLE ISLAND CREEK
QUADRANGLE	MIDDLEBURY T. 50N PENNSBORO T. 50W	DISTRICT	CRITERVILLE COUNTY TYLER
SURFACE OWNER	TYRONE L. BEEM ET AL	ACREAGE	300 AC +/-
OIL & GAS ROYALTY OWNER	E. G. BEEM; LOREN BAGLEY; ROBERT FERRELL ET UX;		
LEASE ACRES	317 AC +/-; 207.77 AC +/-; 29.12 AC +/-; 431.29 AC +/-; 323.76 AC +/-; 30 AC +/-; 80 AC +/-; 87 AC +/-; 375 AC +/-; 120 AC +/-; 53.1 AC +/-		
TARGET FORMATION	MARCELLUS	ESTIMATED DEPTH	6,510' TVD 17,765' MD
WELL OPERATOR	ANTERO RESOURCES CORP.	DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS	1615 WYNNKOOP STREET	ADDRESS	5400 D. BIG TYLER ROAD
FORM	WW-6		CHARLESTON, WV 25313

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL
 FRACTURE OR STIMULATE PERFORATE NEW FORMATION PLUG OFF
 OLD FORMATION PLUG & ABANDON CLEAN OUT & REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED

LEGEND

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