

LATITUDE 39°25'00"

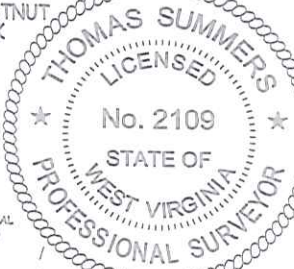
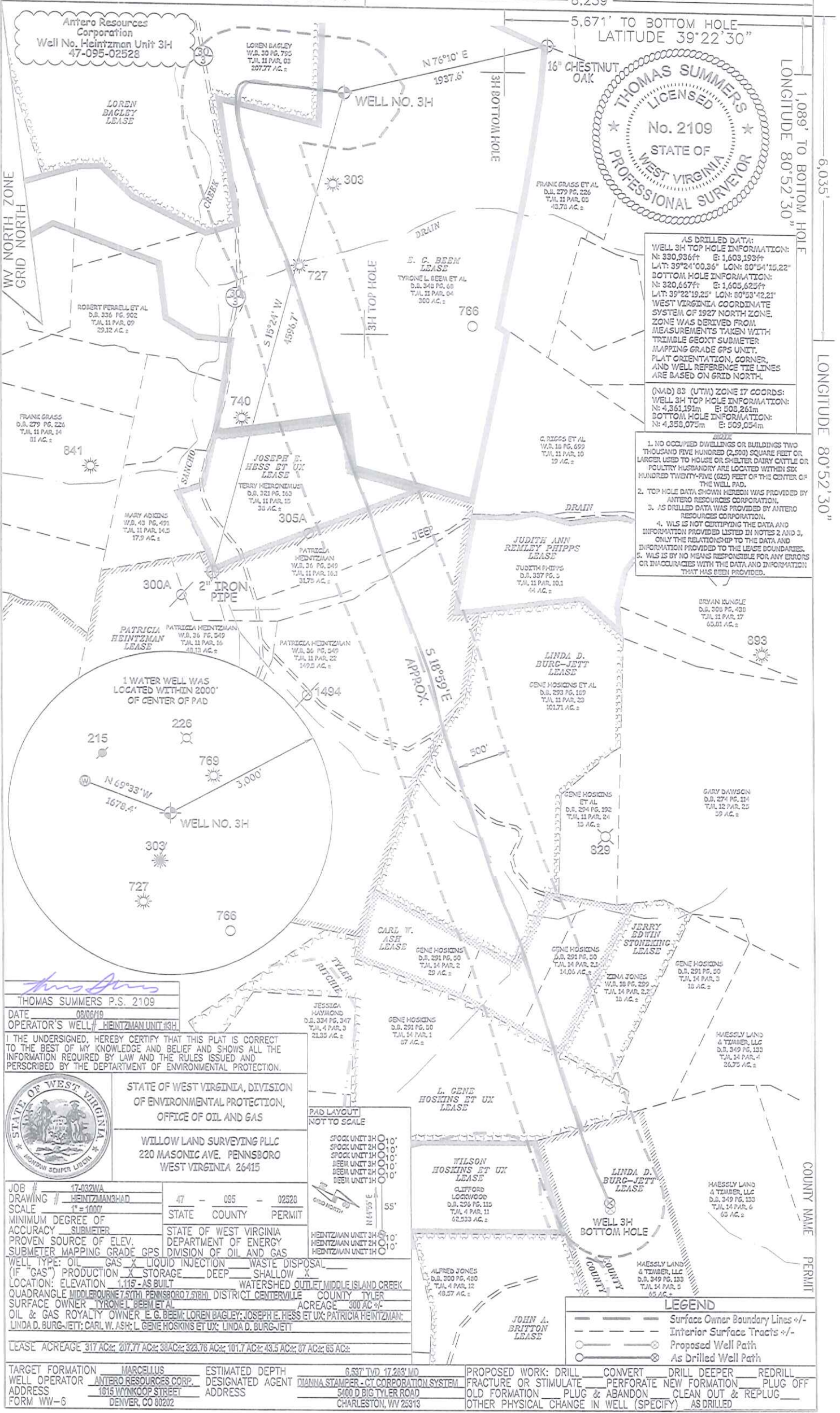
8,259'

5,671' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°52'30"

6,035'

LONGITUDE 80°52'30"



AS DRILLED DATA:
WELL 3H TOP HOLE INFORMATION:
N: 330,936ft E: 1,603,193ft
LAT: 39°24'00.36" LON: 80°54'15.22"
BOTTOM HOLE INFORMATION:
N: 320,667ft E: 1,605,625ft
LAT: 39°22'19.25" LON: 80°53'42.21"
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 3H TOP HOLE INFORMATION:
N: 4,361,191m E: 506,261m
BOTTOM HOLE INFORMATION:
N: 4,350,075m E: 509,054m

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 08/06/19
OPERATOR'S WELL # HEINTZMAN UNIT 3H

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 # | 17-032WA | STATE | 47 | COUNTY | 095 | PERMIT | 02520 |
| DRAWING # | HEINTZMAN SHAD | | | | | | |
| SCALE | 1" = 100' | | | | | | |
| MINIMUM DEGREE OF ACCURACY | SUBMETER | | | | | | |
| PROVEN SOURCE OF ELEV. | STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY | | | | | | |
| SUBMETER MAPPING GRADE GPS | DIVISION OF OIL AND GAS | | | | | | |
| WELL TYPE: | OIL | GAS | X | LIQUID INJECTION | WASTE DISPOSAL | | |
| (IF "GAS") PRODUCTION | X | STORAGE | DEEP | SHALLOW | X | | |
| LOCATION: ELEVATION | 1,115' | AS BUILT | | | | | |
| QUADRANGLE | MIDDLEBOURNE 7.5TH PENNSBORO 7.5TH | DISTRICT | CENTERSVILLE | COUNTY | TYLER | ACREAGE | 300 AC +/- |
| SURFACE OWNER | TYRONE L. BEEM ET AL | | | | | | |
| OIL & GAS ROYALTY OWNER | E. G. BEEM; LOREN BAGLEY; JOSEPH E. HESS ET UX; PATRICIA HEINTZMAN; LINDA D. BURG-JETT; CARL W. ASH; L. GENE HOSKINS ET UX; LINDA D. BURG-JETT | | | | | | |

LEASE ACREAGE: 317 AC±; 207.77 AC±; 33AC±; 323.78 AC±; 101.7 AC±; 43.5 AC±; 07 AC±; 65 AC±

TARGET FORMATION: MARCELLUS
WELL OPERATOR: ANTERO RESOURCES CORP.
ADDRESS: 1815 WYCKOOP STREET, DENVER, CO 80022

ESTIMATED DEPTH: 6,537' TVD 17,283' MD
DESIGNATED AGENT: DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS: 5400 D BIG TYLER ROAD, CHARLESTON, WV 26313

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