

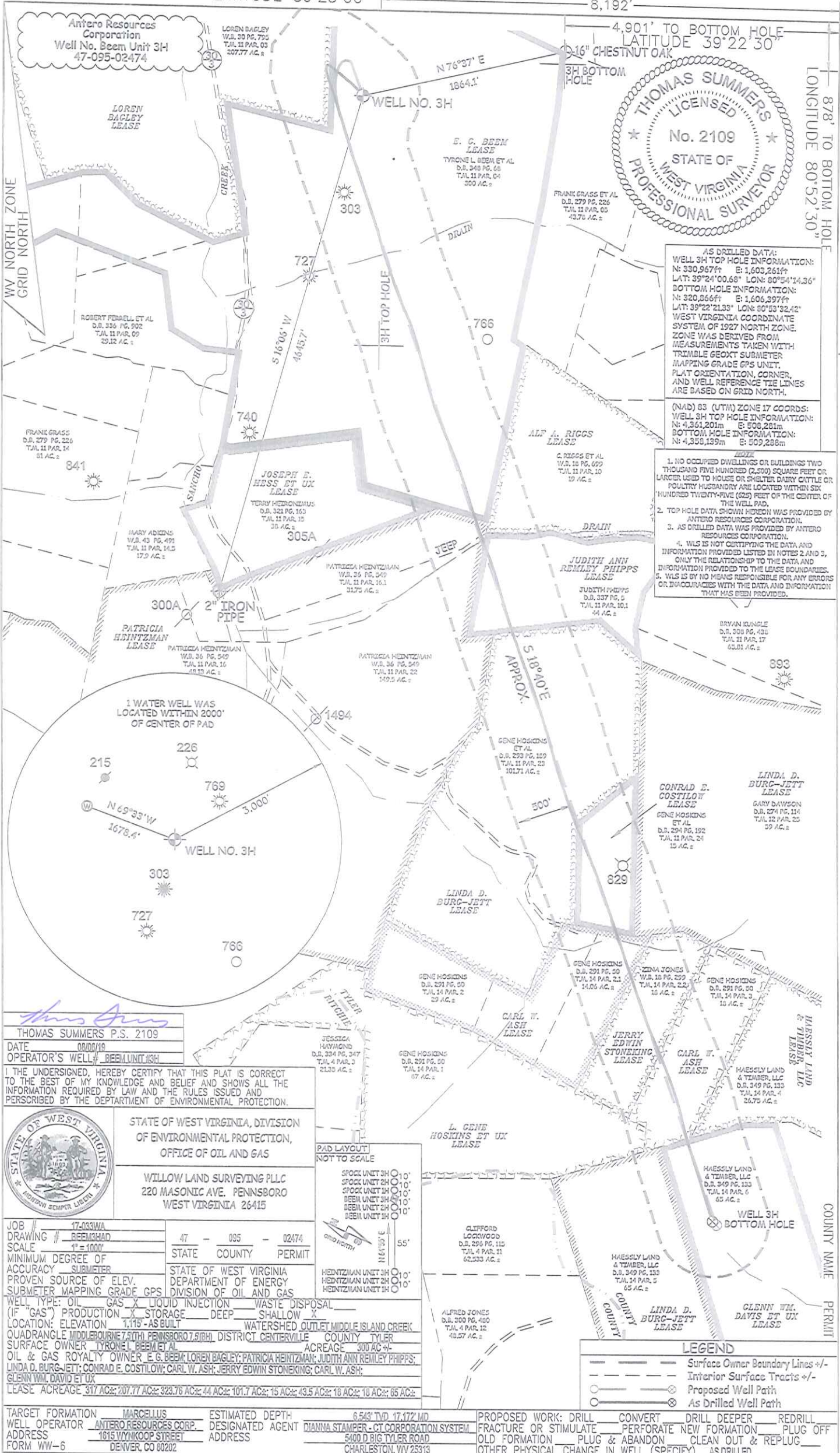
LATITUDE 39°25'00"

8,192'

4,901' TO BOTTOM HOLE
LATITUDE 39°22'30"

878' TO BOTTOM HOLE
LONGITUDE 80°52'30"

6,002'
LONGITUDE 80°52'30"



AS DRIILLED DATA:
 WELL 3H TOP HOLE INFORMATION:
 N: 330,967ft E: 1,603,261ft
 LAT: 39°24'00.68" LON: 80°54'14.36"
 BOTTOM HOLE INFORMATION:
 N: 320,866ft E: 1,606,397ft
 LAT: 39°22'21.33" LON: 80°53'32.42"
 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: 4,364,201m E: 508,281m
 BOTTOM HOLE INFORMATION:
 N: 4,358,139m E: 509,288m

- NOTES
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 DRIILLED 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# BEEM 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.



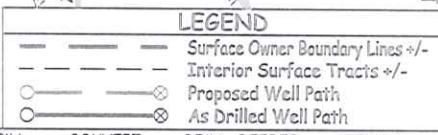
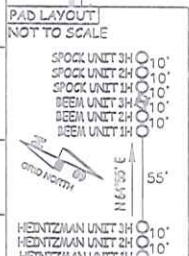
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

JOB # 17-033WA	47 - 095 - 02474
DRAWING # BEEM03HAD	STATE COUNTY PERMIT
SCALE 1" = 1000'	
MINIMUM DEGREE OF ACCURACY SUBMETER	STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,119' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MIDDLEBOURNE 7.5(M) PENNSBORO 7.5(M) DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER TYRONEL BEEM ET AL ACREAGE 300 AC +/-
 OIL & GAS ROYALTY OWNER E. G. BEEM; LOREN BAGLEY; PATRICIA HEINTZMAN; JUDITH ANN REILEY PHIPPS; LINDA D. BURG-JETT; CONRAD E. COSTLOW; CARL W. ASH; JERRY EDWIN STONEKING; CARL W. ASH; GLENN WM. DAVID ET UX
 LEASE ACREAGE 317 AC±; 207.77 AC±; 323.76 AC±; 44 AC±; 101.7 AC±; 15 AC±; 43.5 AC±; 18 AC±; 18 AC±; 85 AC±

TARGET FORMATION MARCELLUS	ESTIMATED DEPTH 6,543' TVD 17,172' MD
WELL OPERATOR ANTERO RESOURCES CORP.	DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYMKOOP STREET	ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202	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