

LATITUDE 39°25'00"

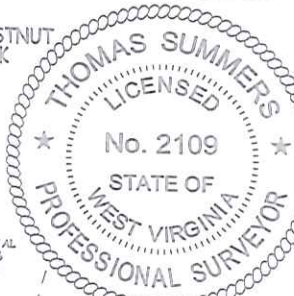
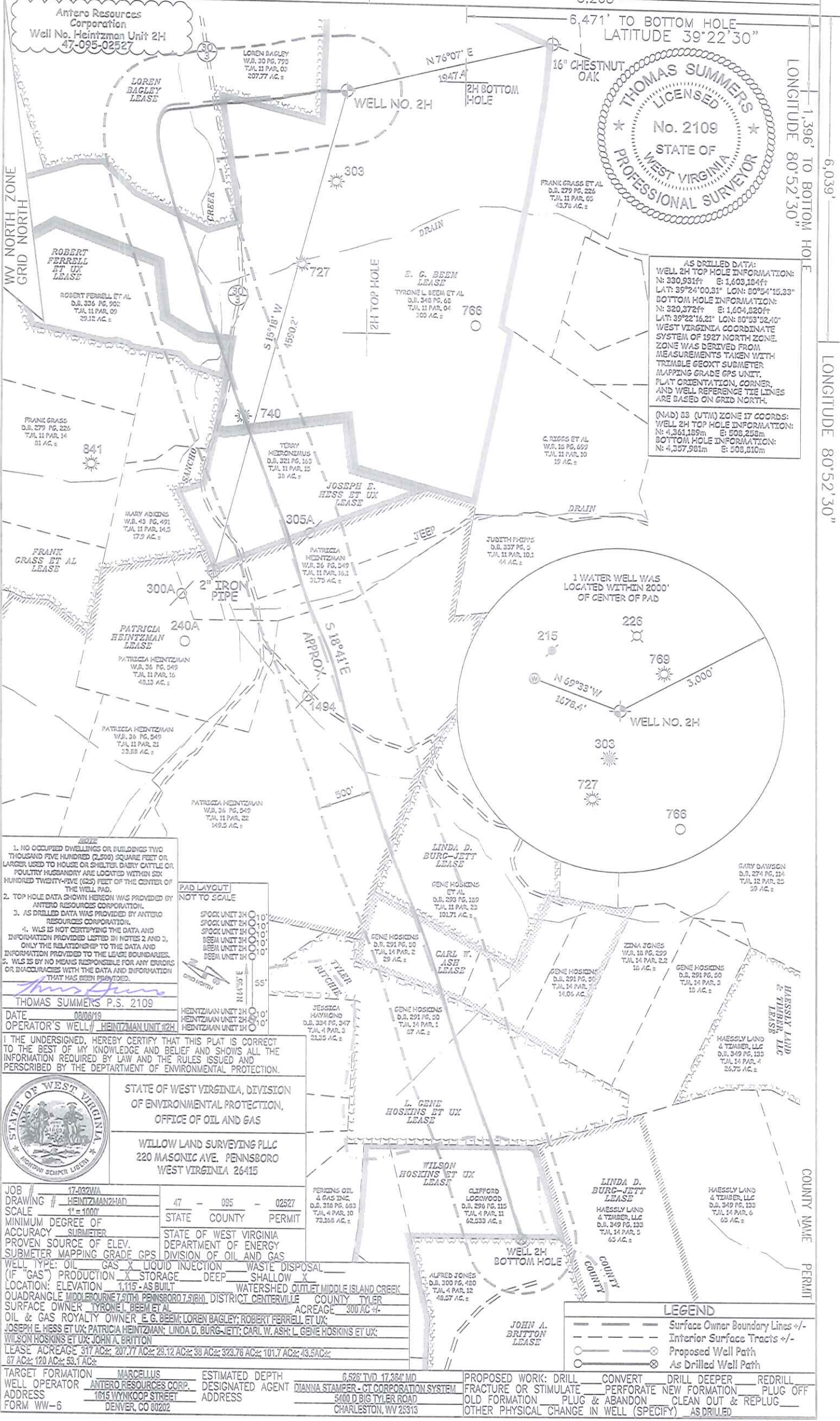
8,268'

6,471' TO BOTTOM HOLE  
LATITUDE 39°22'30"

LONGITUDE 80°52'30"

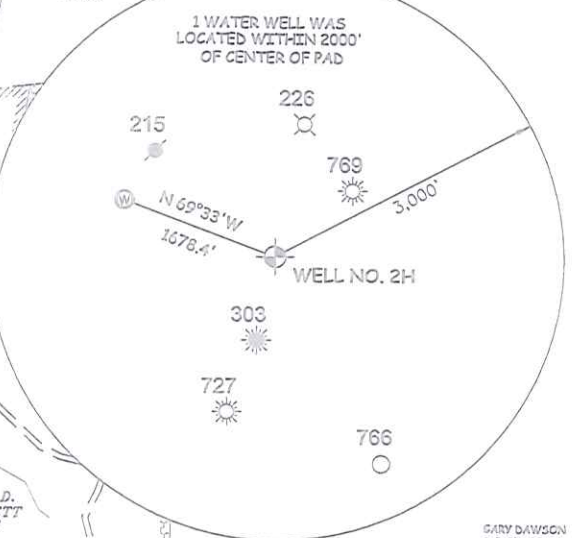
6,039'

LONGITUDE 80°52'30"

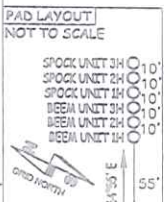


AS DRILLED DATA:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 330,931ft E: 1,603,184ft  
 LAT: 39°24'00.31" LON: 80°54'15.33"  
 BOTTOM HOLE INFORMATION:  
 N: 320,372ft E: 1,604,820ft  
 LAT: 39°22'16.21" LON: 80°53'52.40"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS 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 2H TOP HOLE INFORMATION:  
 N: 4,361,189m E: 508,258m  
 BOTTOM HOLE INFORMATION:  
 N: 4,357,961m E: 508,010m



- NOTE**
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 2H

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
DRAWING #	HEINTZMAN2HAD
SCALE	1" = 1000'
MINIMUM DEGREE OF ACCURACY	SUBMETER
PROVEN SOURCE OF ELEV.	SUBMETER MAPPING GRADE GPS
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 AND CREEK
QUADRANGLE	MIDDLEBORNE 7.5(TH) PENNSBORO 7.5(TH) DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER	TYRONE L. BEEM ET AL ACRES 300 AC +/-
OIL & GAS ROYALTY OWNER	E. G. BEEM; LOREN BAGLEY; ROBERT FERRELL ET UX;
	JOSEPH E. HESS ET UX; PATRICIA HEINTZMAN; LINDA D. BURG-JETT; CARL W. ASH; L. GENE HOSKINS ET UX;
WILSON HOSKINS ET UX; JOHN A. BRITTON	
LEASE ACRES	317 AC±; 207.77 AC±; 29.12 AC±; 38 AC±; 323.76 AC±; 101.7 AC±; 43.5 AC±; 87 AC±; 120 AC±; 53.1 AC±

STATE	COUNTY	PERMIT
WEST VIRGINIA	TYLER	
ESTIMATED DEPTH	6,528' TVD 17,384' MD	
DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM	
ADDRESS	5400 D BIG TYLER ROAD CHARLESTON, WV 25313	

PERKINS OIL & GAS INC.	CLIFFORD LOGWOOD	LINDA D. BURG-JETT LEASE	HAESSELY LAND & TIMBER, LLC
D.B. 318 PG. 603 T.J.L. 4 PAR. 10 70.36 AC±	D.B. 296 PG. 115 T.J.L. 4 PAR. 11 62.533 AC±	D.B. 349 PG. 133 T.J.L. 14 PAR. 5 65 AC±	D.B. 349 PG. 133 T.J.L. 14 PAR. 6 65 AC±

WILSON HOSKINS ET UX LEASE	ALFRED JONES	JOHN A. BRITTON LEASE
D.B. 296 PG. 115 T.J.L. 4 PAR. 11 62.533 AC±	D.B. 200 PG. 420 T.J.L. 4 PAR. 12 48.57 AC±	

**LEGEND**

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

TARGET FORMATION	MARCELLUS	ESTIMATED DEPTH	6,528' TVD 17,384' MD	PROPOSED WORK:	DRILL CONVERT DRILL DEEPER REDRILL
WELL OPERATOR	ANTERO RESOURCES CORP.	DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM	FRACTURE OR STIMULATE	PERFORATE NEW FORMATION PLUG OFF
ADDRESS	1815 WYNNCOOP STREET DENVER, CO 80202	ADDRESS	5400 D BIG TYLER ROAD CHARLESTON, WV 25313	OLD FORMATION	PLUG & ABANDON CLEAN OUT & REPLUG
FORM	WW-6			OTHER PHYSICAL CHANGE IN WELL (SPECIFY)	AS DRILLED