

LATITUDE 39°27'30"

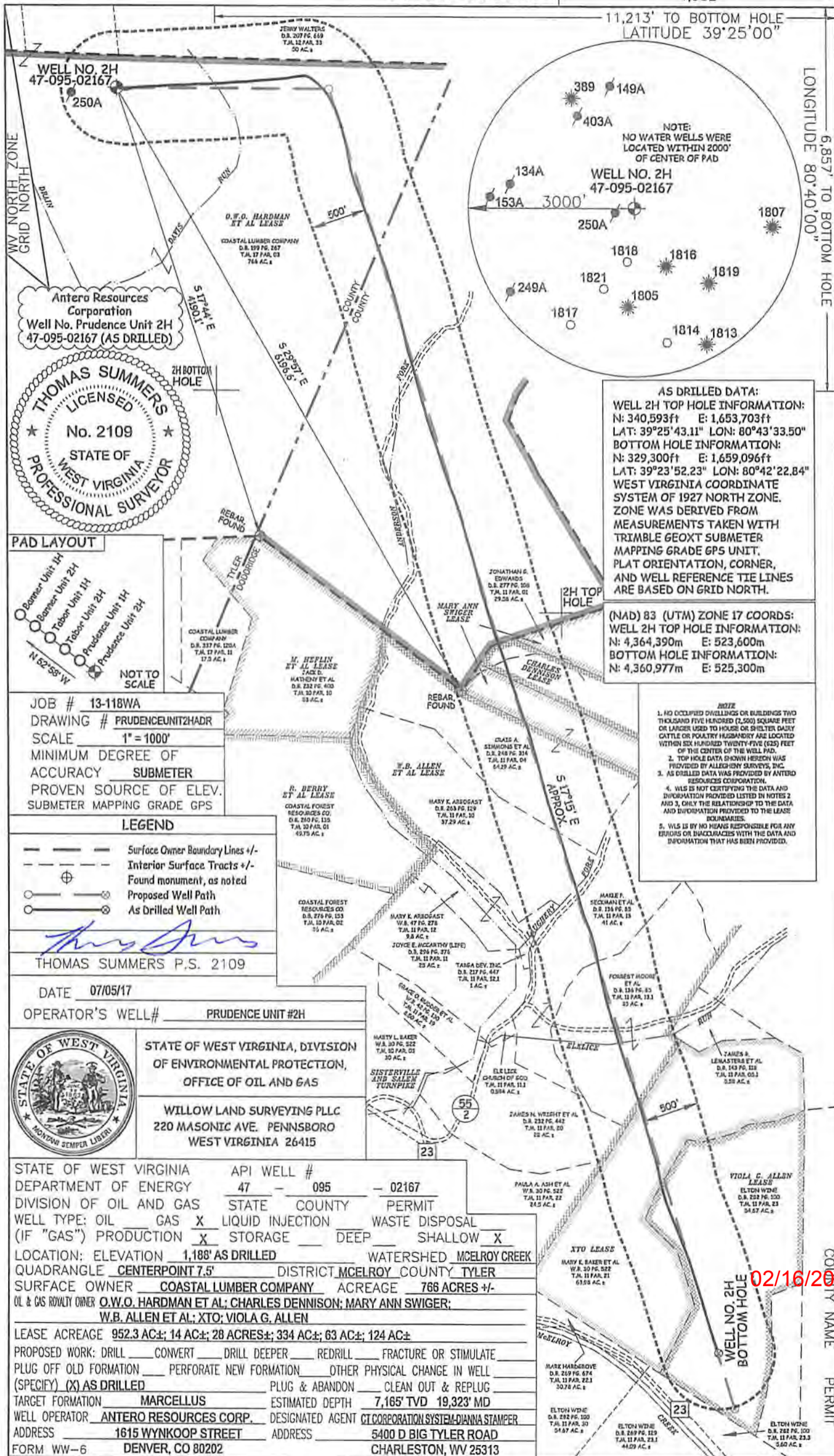
4,982'

11,213' TO BOTTOM HOLE  
LATITUDE 39°25'00"

LONGITUDE 80°40'00"

10,815'

LONGITUDE 80°42'30"



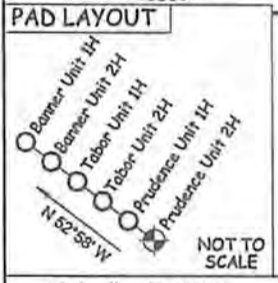
Antero Resources Corporation  
Well No. Prudence Unit 2H  
47-095-02167 (AS DRILLED)



**AS DRILLED DATA:**  
WELL 2H TOP HOLE INFORMATION:  
N: 340,593ft E: 1,653,703ft  
LAT: 39°25'43.11" LON: 80°43'33.50"  
BOTTOM HOLE INFORMATION:  
N: 329,300ft E: 1,659,096ft  
LAT: 39°23'52.23" LON: 80°42'22.84"  
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 2H TOP HOLE INFORMATION:  
N: 4,364,390m E: 523,600m  
BOTTOM HOLE INFORMATION:  
N: 4,360,977m E: 525,300m

- 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 ALLEGHENY SURVEYS, INC.
  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.

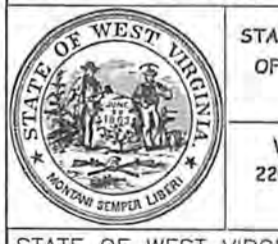


JOB # 13-118WA  
DRAWING # PRUDENCEUNIT2HADR  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

- LEGEND**
- Surface Owner Boundary Lines +/-
  - Interior Surface Tracts +/-
  - Found monument, as noted
  - Proposed Well Path
  - As Drilled Well Path

THOMAS SUMMERS P.S. 2109

DATE 07/05/17  
OPERATOR'S WELL# PRUDENCE UNIT #2H



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

STATE OF WEST VIRGINIA	API WELL #	47 - 095 - 02167
DEPARTMENT OF ENERGY	STATE COUNTY PERMIT	
DIVISION OF OIL AND GAS	WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL	
	(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X	
LOCATION: ELEVATION 1,188' AS DRILLED	WATERSHED MCELROY CREEK	
QUADRANGLE CENTERPOINT 7.5'	DISTRICT MCELROY COUNTY TYLER	
SURFACE OWNER COASTAL LUMBER COMPANY	ACREAGE 766 ACRES +/-	
OIL & GAS ROYALTY OWNER O.W.O. HARDMAN ET AL; CHARLES DENNISON; MARY ANN SWIGER; W.B. ALLEN ET AL; XTO; VIOLA G. ALLEN		
LEASE ACREAGE 952.3 AC±; 14 AC±; 28 ACRES±; 334 AC±; 63 AC±; 124 AC±		
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE		
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED	PLUG & ABANDON CLEAN OUT & REPLUG	
TARGET FORMATION MARCELLUS	ESTIMATED DEPTH 7,165' TVD 19,323' MD	
WELL OPERATOR ANTERO RESOURCES CORP.	DESIGNATED AGENT CT CORPORATION SYSTEM/DIANNA STAMPER	
ADDRESS 1615 WYNKOOP STREET	ADDRESS 5400 D BIG TYLER ROAD	
FORM WW-6 DENVER, CO 80202	CHARLESTON, WV 25313	

02/16/2018

COUNTY NAME PERMIT