

LATITUDE 39°22'30"

10,480'

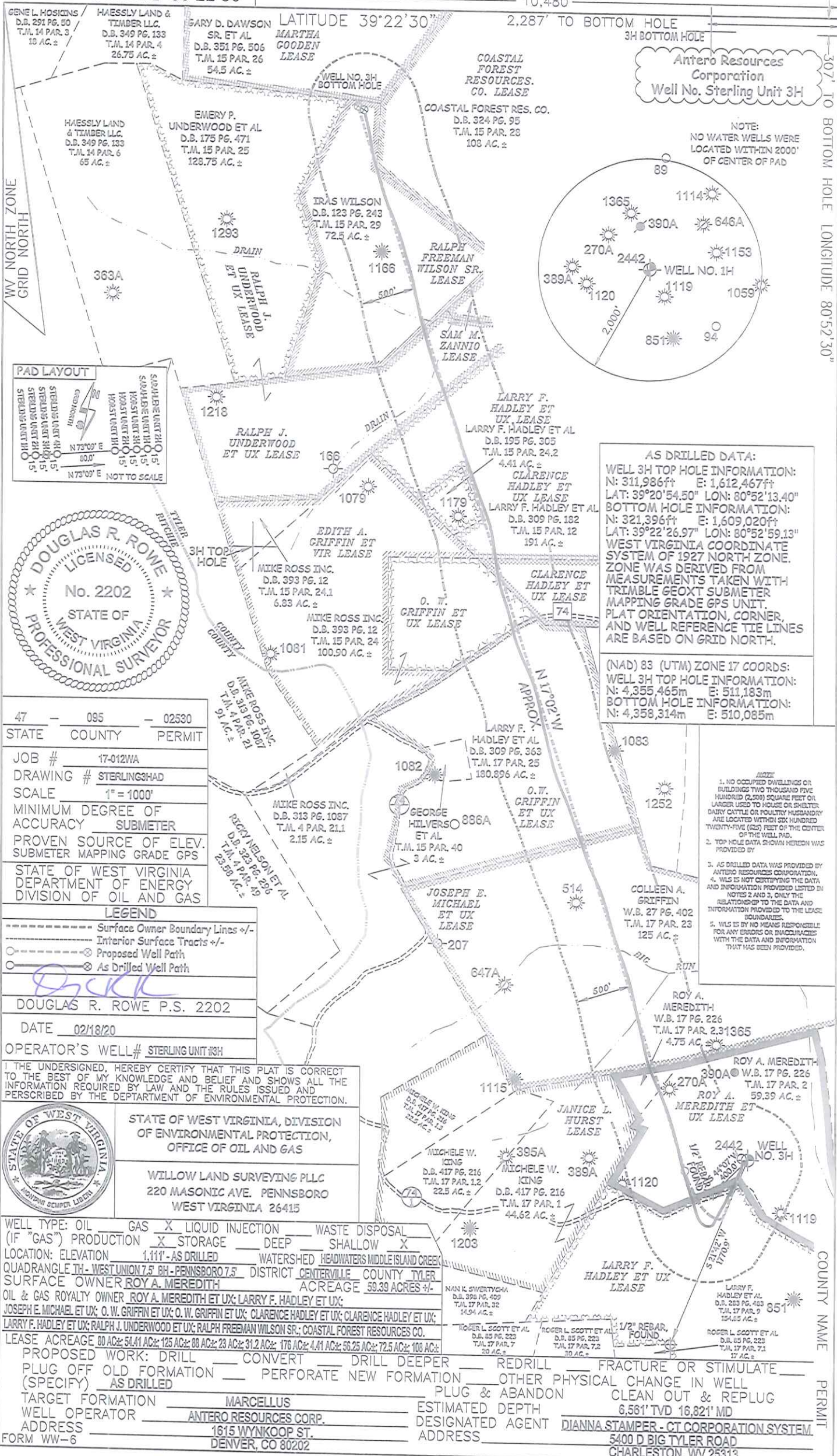
LATITUDE 39°22'30"

2,287' TO BOTTOM HOLE
3H BOTTOM HOLE

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

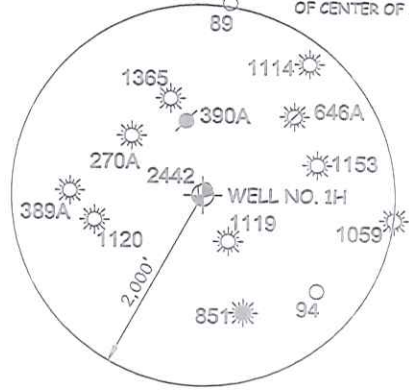
9,662'

LONGITUDE 80°50'00"



Antero Resources Corporation
Well No. Sterling Unit 3H

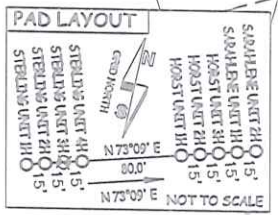
NOTE:
NO WATER WELLS WERE
LOCATED WITHIN 2000'
OF CENTER OF PAD



AS DRILLED DATA:
WELL 3H TOP HOLE INFORMATION:
N: 311,986ft E: 1,612,467ft
LAT: 39°20'54.50" LON: 80°52'13.40"
BOTTOM HOLE INFORMATION:
N: 321,396ft E: 1,609,020ft
LAT: 39°22'26.97" LON: 80°52'59.13"
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: 4,355,465m E: 511,183m
BOTTOM HOLE INFORMATION:
N: 4,358,314m E: 510,085m

- NOTES**
- 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.
 - TOP HOLE DATA SHOWN HEREIN WAS PROVIDED BY
 - AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - 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.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



47	095	02530
STATE	COUNTY	PERMIT
JOB #	17-012WA	
DRAWING #	STERLING3HAD	
SCALE	1" = 1000'	
MINIMUM DEGREE OF ACCURACY	SUBMETER	
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS		
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		
LEGEND		
---	Surface Owner Boundary Lines +/-	
---	Interior Surface Tracts +/-	
○	Proposed Well Path	
○	As Drilled Well Path	
DOUGLAS R. ROWE P.S. 2202		
DATE 02/18/20		
OPERATOR'S WELL# STERLING 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

WELL TYPE: OIL	GAS	<input checked="" type="checkbox"/> LIQUID INJECTION	WASTE DISPOSAL
(IF "GAS") PRODUCTION	<input checked="" type="checkbox"/> STORAGE	DEEP	<input checked="" type="checkbox"/> SHALLOW
LOCATION: ELEVATION	1,111' - AS DRILLED		
QUADRANGLE TH - WEST UNION 7.5 BH - PENNSBORO 7.5	DISTRICT	CENTERVILLE COUNTY TYLER	
SURFACE OWNER	ROY A. MEREDITH		
OIL & GAS ROYALTY OWNER	ROY A. MEREDITH ET UX; LARRY F. HADLEY ET UX;		
JOSEPH E. MICHAEL ET UX; O. W. GRIFFIN ET UX; O. W. GRIFFIN ET UX; CLARENCE HADLEY ET UX; CLARENCE HADLEY ET UX;	LARRY F. HADLEY ET UX; RALPH J. UNDERWOOD ET UX; RALPH FREEMAN WILSON SR.; COASTAL FOREST RESOURCES CO.		
LEASE ACREAGE	80 AC±; 54.41 AC±; 125 AC±; 88 AC±; 23 AC±; 31.2 AC±; 176 AC±; 4.41 AC±; 58.25 AC±; 72.5 AC±; 108 AC±;		
PROPOSED WORK:	DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/>		
PLUG OFF OLD FORMATION (SPECIFY)	AS DRILLED		
PERFORATE NEW FORMATION	<input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL		
TARGET FORMATION	MARCELLUS		
WELL OPERATOR	ANTERO RESOURCES CORP.		
ADDRESS	1815 WYNKOOP ST. DENVER, CO 80202		
ESTIMATED DEPTH	6,561' TVD 16,821' MD		
DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM		
ADDRESS	5400 D BIG TYLER ROAD CHARLESTON, WV 25313		