

LATITUDE 39°20'00"

6,088'

3,117' TO BOTTOM HOLE

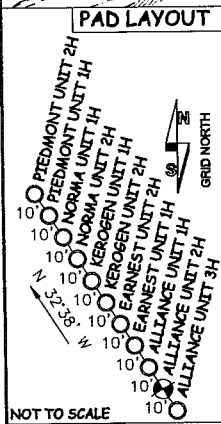
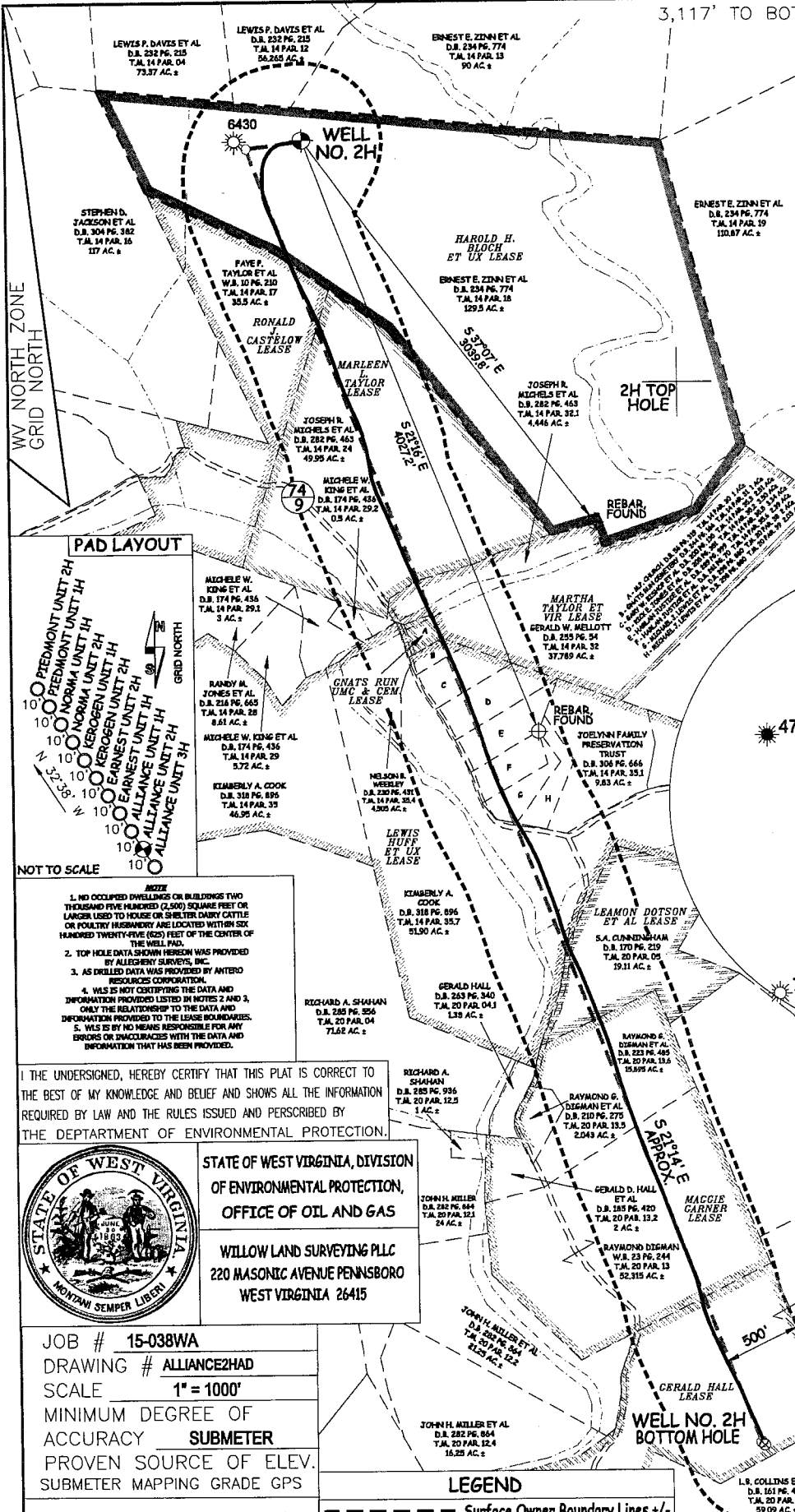
LATITUDE 39°20'00"

LONGITUDE 80°55'00" 13,088' TO BOTTOM HOLE

4,845' LONGITUDE 80°55'00"

Antero Resources Corporation  
Well No. Alliance Unit 2H  
47-085-10275 AS DRILLED

AS DRILLED DATA:  
WELL 2H TOP HOLE INFORMATION:  
N: 301,930ft E: 1,593,131ft  
LAT: 39°19'12.12" LON: 80°56'17.47"  
BOTTOM HOLE INFORMATION:  
N: 293,640ft E: 1,595,971ft  
LAT: 39°17'50.65" LON: 80°55'39.65"  
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: 4,352,303m E: 505,343m  
BOTTOM HOLE INFORMATION:  
N: 4,349,792m E: 506,251m

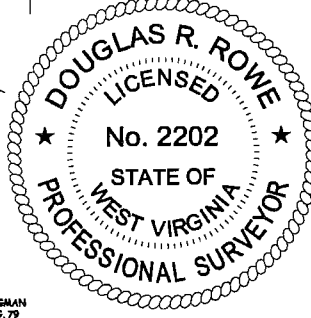


NOTE  
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.  
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.  
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.  
4. WLS IS NOT COPYING 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.

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 AVENUE PENNSBORO WEST VIRGINIA 26415



JOB # 15-038WA  
DRAWING # ALLIANCE2HAD  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

DOUGLAS R. ROWE P.S. 2202  
DATE 09/29/17  
OPERATOR'S WELL# ALLIANCE UNIT #2H