

LATITUDE 39°22'30"

9,860'

10,966' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°57'30"

3,528'

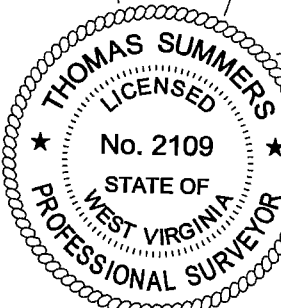
LONGITUDE 80°57'30"

Antero Resources Corporation  
Well No. Woodworth Unit 3H  
47-095-02250 AS DRILLED

AS DRILLED DATA:  
WELL 3H TOP HOLE INFORMATION:  
N: 318,673ft E: 1,577,840ft  
LAT: 39°21'55.13" LON: 80°59'35.55"  
BOTTOM HOLE INFORMATION:  
N: 326,744ft E: 1,576,865ft  
LAT: 39°23'14.73" LON: 80°59'49.67"  
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.

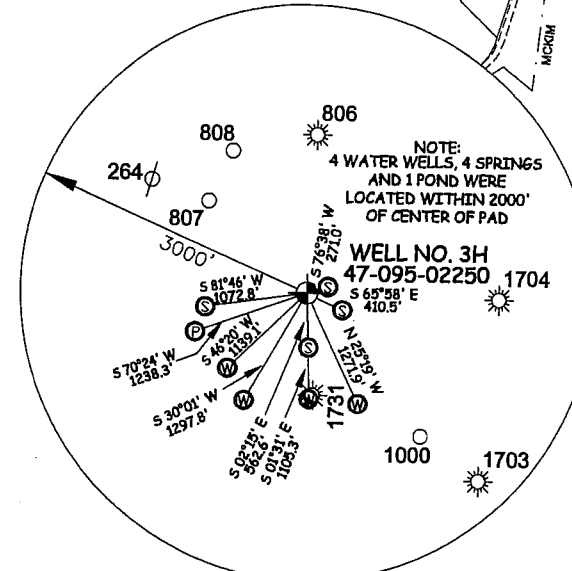
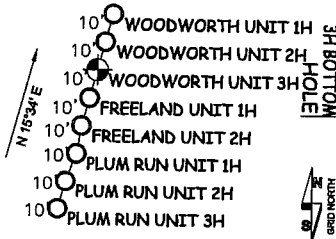
(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 4,357,326m E: 500,600m  
BOTTOM HOLE INFORMATION:  
N: 4,359,780m E: 500,261m

- NOTE**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED OR 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 AND 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 PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THEIR INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

PAD LAYOUT NOT TO SCALE



JOB # 13-081WA  
DRAWING # WOODWORTH3HADR  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA

THOMAS SUMMERS P.S. 2109



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

WILLOW LAND SURVEYING PLLC  
320 MAGNETIC AVE. BIRMINGHAM, AL 35203

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

DATE 07/26/17