

LATITUDE 39°20'00"

8,711'

5,599' TO BOTTOM HOLE

LATITUDE 39°20'00"

LONGITUDE 80°55'00"

6,365'

LONGITUDE 80°55'00"

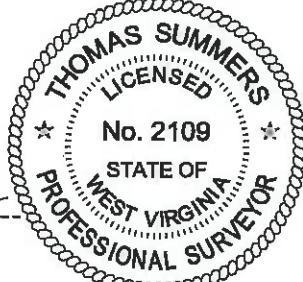
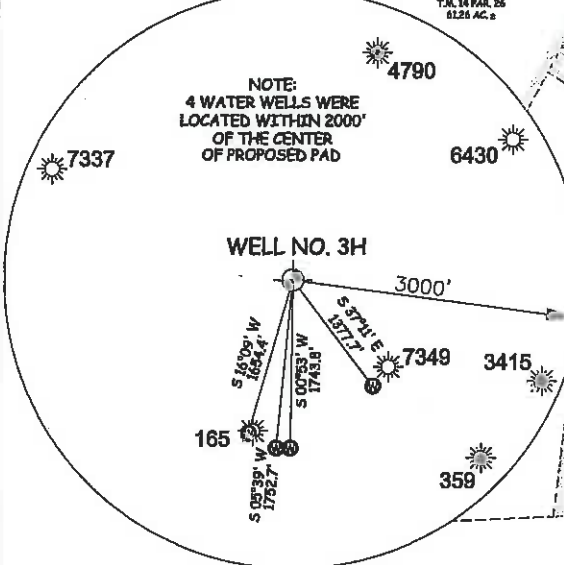
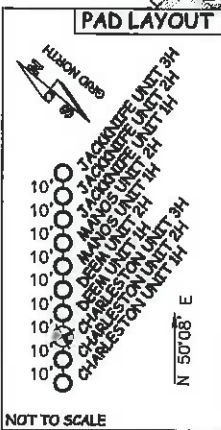
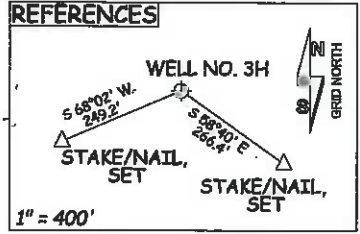
14,989' TO BOTTOM HOLE

COUNTY NAME PERMIT

Antero Resources Corporation Well No. Charleston Unit 3H

NOTES:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 300,452ft E: 1,590,484ft  
 LAT: 39°18'57.10" LON: 80°56'50.84"  
 BOTTOM HOLE INFORMATION:  
 N: 291,779ft E: 1,593,460ft  
 LAT: 39°17'31.85" LON: 80°56'11.21"  
 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: 4,351,839m E: 504,544m  
 BOTTOM HOLE INFORMATION:  
 N: 4,349,212m E: 505,495m



LEGEND

---	Surface Owner Boundary Lines +/-
---	Interior Surface Tracts +/-
-x-x-x-x-	Existing Fence
⊕	Found monument, as noted

THOMAS SUMMERS P.S. 2109  
 DATE 07/12/16  
 OPERATOR'S WELL # CHARLESTON UNIT #3H

API WELL # 47 - 085 - 10244  
 STATE COUNTY PERMIT

JOB # 15-037WA  
 DRAWING # CHARLESTON3H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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  
 P.O. BOX 17 PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 1,162' ORIGINAL - 1,127' AS-DRILLED WATERSHED NORTH FORK HUGHES RIVER

QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER STEPHEN C. JACKSON ET AL ACREAGE 40.835 ACRES +/-  
 OIL & GAS ROYALTY OWNER HARVEY WEIGLE HEIRS; CONSTANCE K. GRIFFITH; M. H. JONES ET UX; LEASE ACREAGE 51 ACRES±; 31 AC±; 200 ACRES±;  
 ORMA M. WILSON JOHNSON; EDWARD J. JONES ET AL; CARLTON BOYCE ET UX 42 ACRES±; 73 ACRES±; 201 ACRES±

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X  
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG & ABANDON CLEAN OUT & REPLUG ESTIMATED DEPTH 6,600' TVD 16,500' MD  
 TARGET FORMATION MARCELLUS

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM  
 DENVER, CO 80202 CHARLESTON, WV 25313

01/27/2017