

LATITUDE 39°12'30"

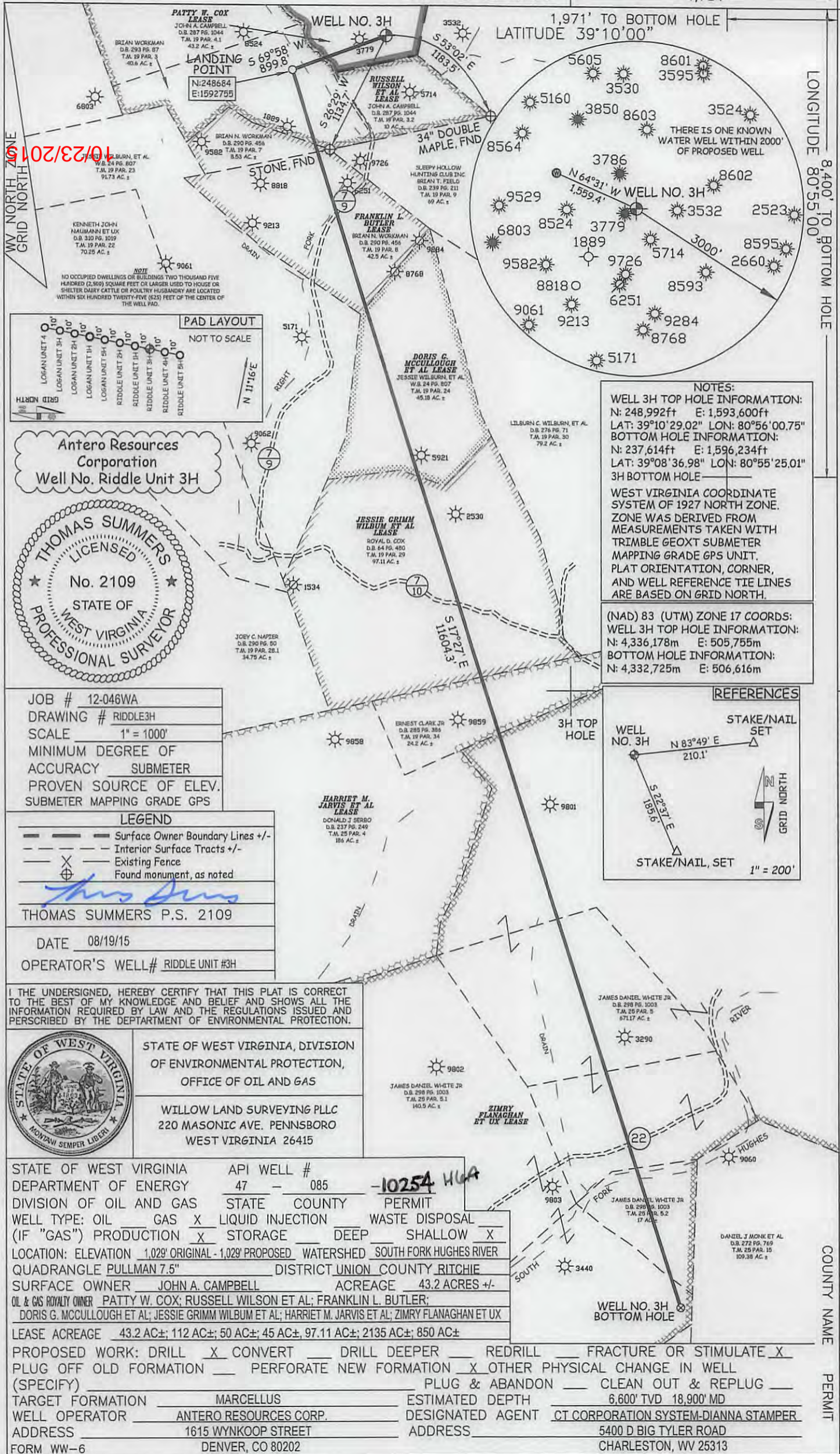
4,784'

1,971' TO BOTTOM HOLE  
LATITUDE 39°10'00"

LONGITUDE 80°55'00"

12,240'

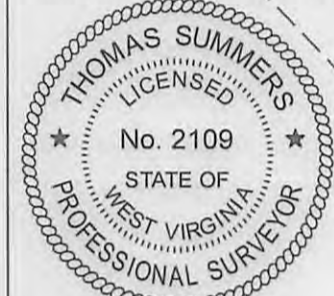
LONGITUDE 80°55'00"



6102/32/01  
02/23/2015

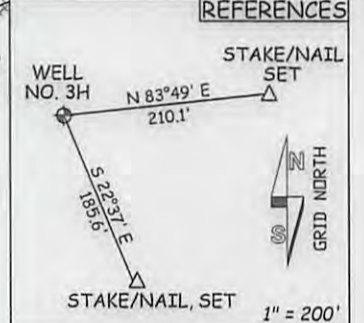


Antero Resources Corporation  
Well No. Riddle Unit 3H



**NOTES:**  
 WELL 3H TOP HOLE INFORMATION:  
 N: 248,992ft E: 1,593,600ft  
 LAT: 39°10'29.02" LON: 80°56'00.75"  
 BOTTOM HOLE INFORMATION:  
 N: 237,614ft E: 1,596,234ft  
 LAT: 39°08'36.98" LON: 80°55'25.01"  
 3H BOTTOM HOLE  
 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: 4,336,178m E: 505,755m  
 BOTTOM HOLE INFORMATION:  
 N: 4,332,725m E: 506,616m



JOB # 12-046WA  
 DRAWING # RIDDLE3H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

THOMAS SUMMERS P.S. 2109  
 DATE 08/19/15  
 OPERATOR'S WELL# RIDDLE 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

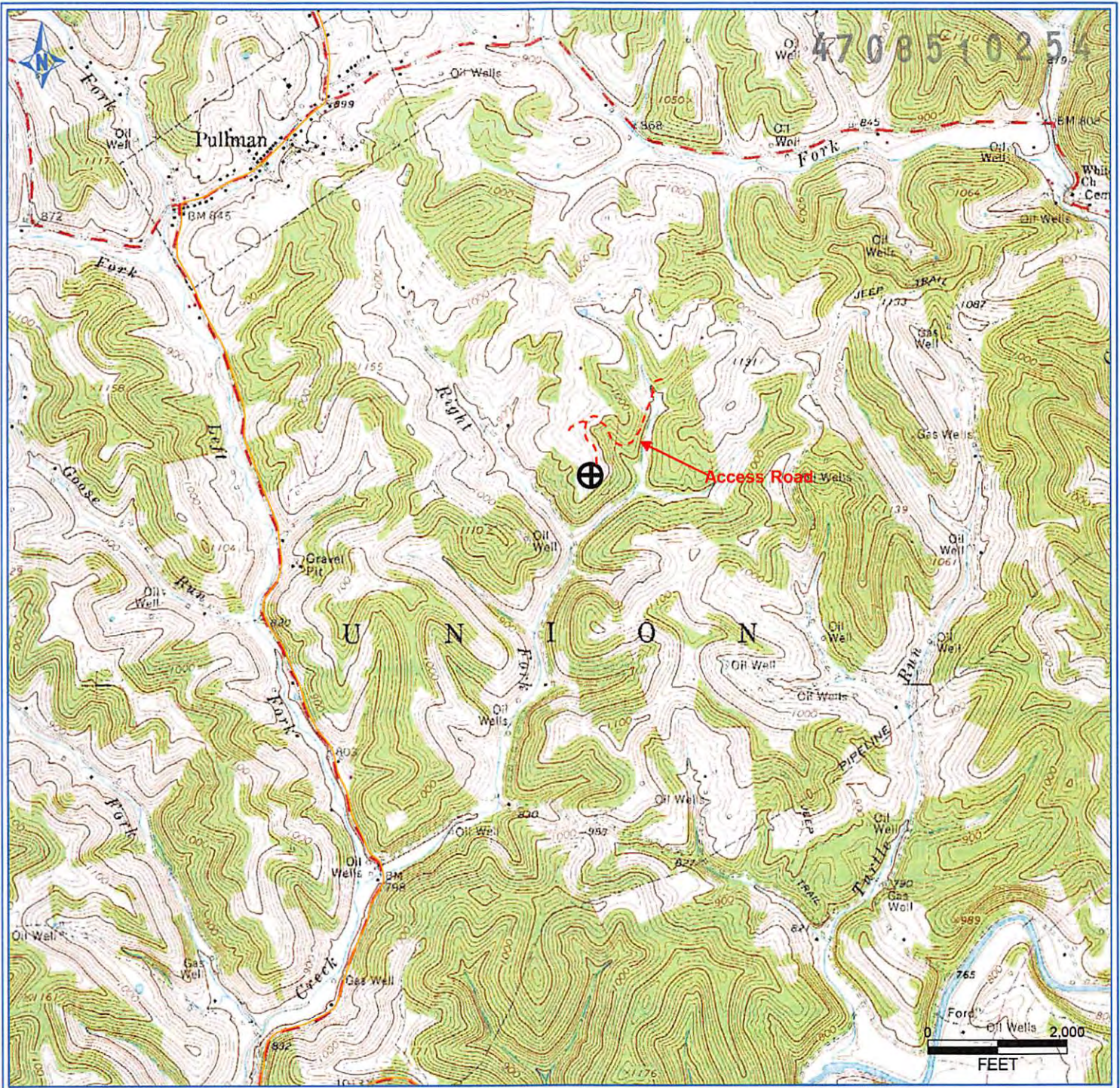


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW   
 LOCATION: ELEVATION 1,029' ORIGINAL - 1,029' PROPOSED WATERSHED SOUTH FORK HUGHES RIVER  
 QUADRANGLE PULLMAN 7.5" DISTRICT UNION COUNTY RITCHIE  
 SURFACE OWNER JOHN A. CAMPBELL ACREAGE 43.2 ACRES +/-  
 OIL & GAS ROYALTY OWNER PATTY W. COX; RUSSELL WILSON ET AL; FRANKLIN L. BUTLER;  
 DORIS G. MCCULLOUGH ET AL; JESSIE GRIMM WILBUM ET AL; HARRIET M. JARVIS ET AL; ZIMRY FLANAGHAN ET UX  
 LEASE ACREAGE 43.2 AC±; 112 AC±; 50 AC±; 45 AC±; 97.11 AC±; 2135 AC±; 850 AC±

PROPOSED WORK: DRILL  CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 18,900' 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





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**Antero Resources Corporation**

APPALACHIAN BASIN

Riddle Unit 3H  
Ritchie County

Received  
Office of Oil & Gas  
SEP 08 2015



REMARKS  
 QUADRANGLE: PULLMAN 7.5'  
 WATERSHED: SOUTH FORK HUGHES RIVER  
 DISTRICT: UNION

Date: 7/24/2012 **10/23/2015**