

LATITUDE 39°25'00"

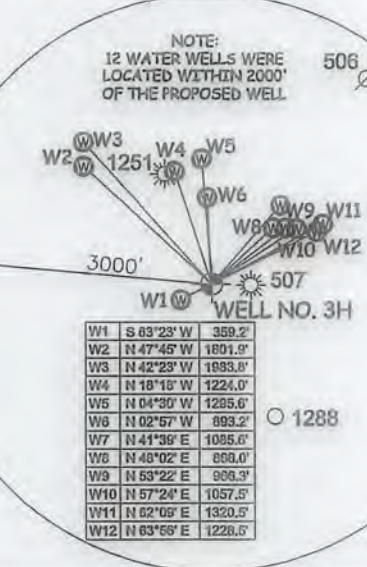
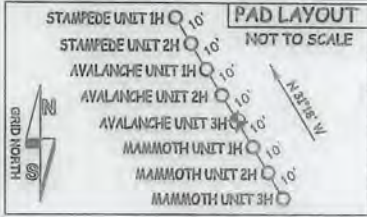
10,784'

LATITUDE 39°22'30" 6,080' TO BOTTOM HOLE

Antero Resources Corporation Well No. Avalanche Unit 3H

NOTES: WELL 3H TOP HOLE INFORMATION: N: 331,463ft E: 1,636,002ft LAT: 39°24'10.43" LON: 80°47'17.39" BOTTOM HOLE INFORMATION: N: 321,077ft E: 1,640,562ft LAT: 39°22'28.42" LON: 80°46'17.43" 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: 4,361,519m E: 518,254m BOTTOM HOLE INFORMATION: N: 4,358,378m E: 519,696m



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.

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 3H TOP HOLE INFORMATION: N: 14,308,701ft E: 1,700,257ft POINT OF ENTRY INFORMATION: N: 14,309,151ft E: 1,701,454ft BOTTOM HOLE INFORMATION: N: 14,298,395ft E: 1,704,988ft

McElroy District - Tyler County list of landowners and leaseholders including names like June Griffin, Roger Griffin, Harry Vanny, Charles Straight, Charles Kimball, Albert Bebes, Todd Orr, Antero Resources Corp., Larry Stevens, John C. Stevens, Paul W. Stevens, Paul Weckley, Patricia Montgomery, John Lewis Jr., Robert Walsh, Judith Malley, Harvey Burns, Anna Barola, Terrence Fraser, Terrence Fraser, Ronnie Wilson Jr., Lloyd Tallington, Ronald Cumberledge, Randall Anderson, Harold Yost, Larry Marable, Kenneth Mason, Jacqueline Wichman Trust, Kenneth Mason, Michael Kimball, Bobby Griffin, Matthew March, Smith Morris Trust, Randall Clugston, Ronald Cumberledge, Dena Pratt, Randall Clugston, Jacqueline Wichman Trust, William Middleton, Thomas Allen, Thomas Allen, George Kithau, Thomas Allen, Terry Dotson, Margaret Dotson, Warren Putnam, Jacqueline Wichman, Grant District - Doddridge County, Steven Reed, Warren Putnam.

WV NORTH ZONE GRID NORTH

160' TO BOTTOM HOLE LONGITUDE 80°45'00"

5,015' LONGITUDE 80°45'00"

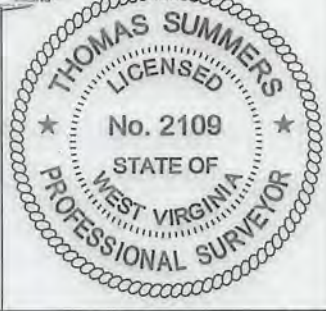
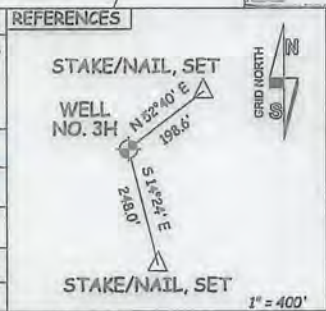
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



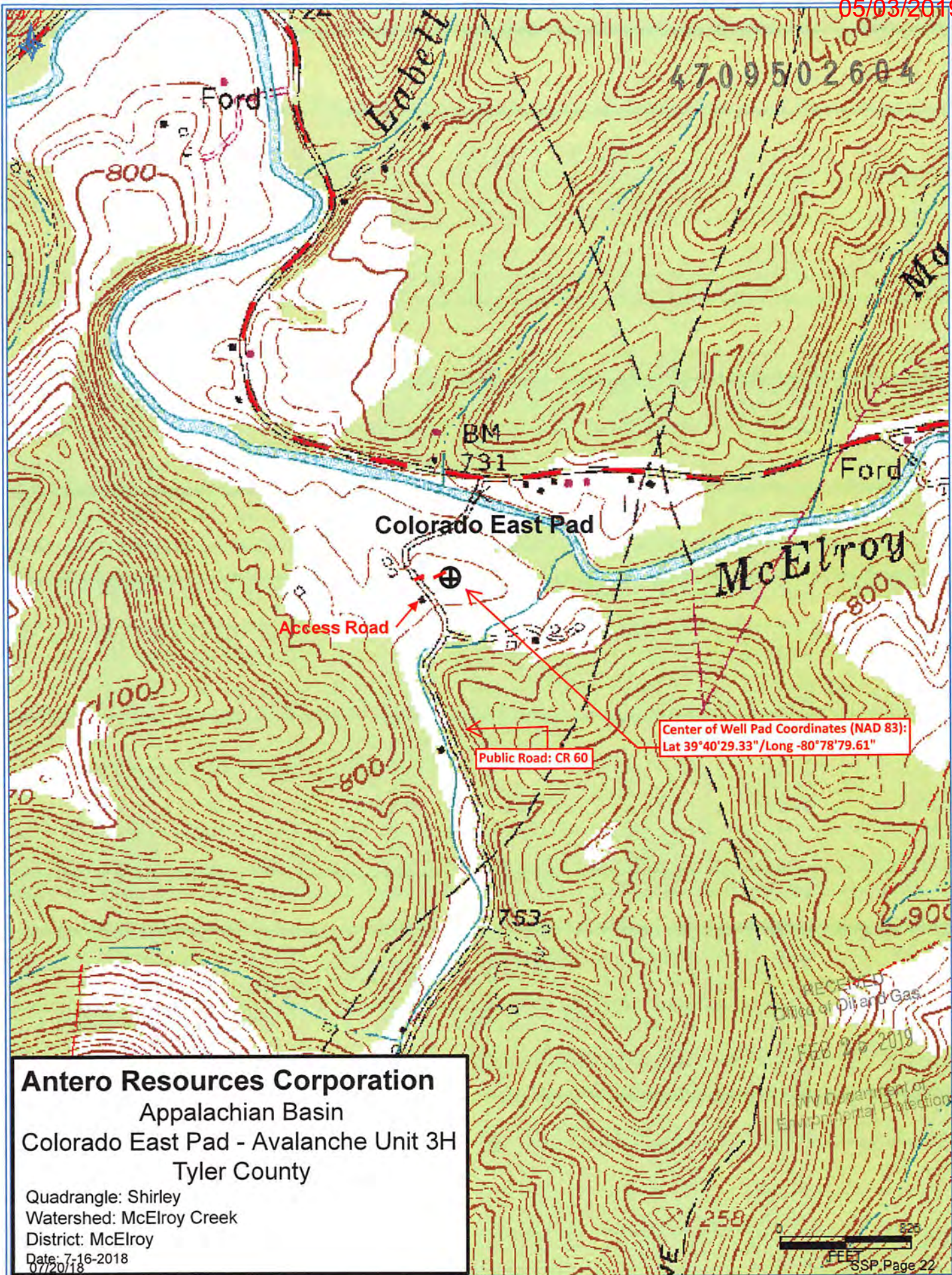
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 17-038WA DRAWING # AVALANCHE 3H SCALE 1" = 2000' 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 +/-, Existing Fence, Found monument, as noted. THOMAS SUMMERS P.S. 2109 DATE 02/18/19 OPERATOR'S WELL# AVALANCHE UNIT #3H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02604 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X LOCATION: ELEVATION 751' - ORIGINAL 743' - PROPOSED WATERSHED McELROY CREEK QUADRANGLE TH - SHIRLEY 7.5' BH - WEST UNION 7.5' DISTRICT McELROY COUNTY TYLER SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 127.86 ACRES +/- OIL & GAS ROYALTY OWNER B.F. REED ET UX; K & D HOLDINGS, LLC; MARK A. BURNETT; LEASE ACREAGE 130 AC.±; 219.39 AC.±; 256 AC.±; MELISSA SMITH; R.E. SMITH ET UX; GLENN D. SMITH; FANNY D. DAVIS ET AL; UNION NATIONAL BANK OF W.V.; 57.63 AC.±; 50.5 AC.±; 32 AC.±; 74 AC.±; 25.5 AC.±; MATTHEW L. MARCH ET AL; EDWARD LEWIS CASE; LINDA J. DESCHER; JOHN GEURIN 32.57 AC.±; 50 AC.±; 76 AC.±; 77 AC.±; 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 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 20,000' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313 FORM WW-6 DENVER, CO 80202



**Antero Resources Corporation**  
 Appalachian Basin  
 Colorado East Pad - Avalanche Unit 3H  
 Tyler County

Quadrangle: Shirley  
 Watershed: McElroy Creek  
 District: McElroy  
 Date: 7-16-2018  
 07/20/18

RECEIVED  
 Director of Oil and Gas  
 5/26/2019  
 West Virginia Department of Environmental Protection  
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