

LATITUDE 39°25'00"

10,779'

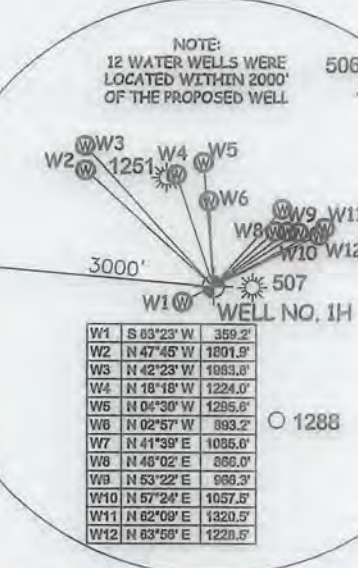
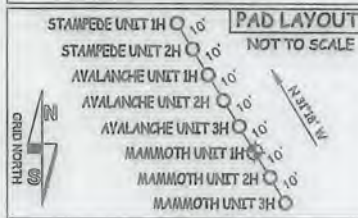
LATITUDE 39°22'30" 5,383' TO BOTTOM HOLE

IH BOTTOM HOLE

Antero Resources Corporation Well No. Mammoth Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 331,455ft E: 1,636,008ft LAT: 39°24'10.35" LON: 80°47'17.32" BOTTOM HOLE INFORMATION: N: 321,170ft E: 1,641,261ft LAT: 39°22'29.44" LON: 80°46'08.55" 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 1H TOP HOLE INFORMATION: N: 4,361,516m E: 518,255m BOTTOM HOLE INFORMATION: N: 4,358,409m E: 519,908m



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 1H TOP HOLE INFORMATION: N: 14,308,692ft E: 1,700,262ft POINT OF ENTRY INFORMATION: N: 14,309,341ft E: 1,702,096ft BOTTOM HOLE INFORMATION: N: 14,298,500ft E: 1,705,685ft

McElroy District - Tyler County

TM-Par	Surface Owner
16-08	Jane Griffin
16-8.1	Roger Griffin
16-8.2	Roger Griffin
16-16	Harry Vannoy
16-17	Charles Straight
16-17.3	Charles Kimball
16-18	Albert Bebee
16-19	Todd Orr
19-02	Antero Resources Corp.
19-03	Larry Stevens
19-04	John O'Neil
19-05	Paul Weckley
19-06	Paul Weckley
19-07	Patricia Montgomery
19-08	John Lewis Jr.
19-09	Robert Walsh
19-10	Judith Malloy
19-27	Harvey Burns
19-42	Anna Barrola
19-45	Terrence Fraser
19-46	Terrence Fraser
19-47	Ronnie Wilson Jr.
19-48	Lloyd Tallington
19-50	Ronald Cumberledge
19-51	Randall Anderson
19-52	Harold Vost
19-53.1	Larry Marable
19-61	Kenneth Mason
19-63	Jacqueline Wichman Trust
19-64	Kenneth Mason
19-64.1	Michael Kimball
19-65	Bobby Griffin
19-66	Matthew March
19-67	Smith Morris Trust
19-68	Randall Clugston
19-69	Randall Clugston
19-70	Ronald Cumberledge
19-73	Dena Pratt
19-74	Randall Clugston
22-04	Jacqueline Wichman Trust
22-05	William Middleton
22-06	Thomas Allen
22-07	Thomas Allen
22-08	George Kithou
22-10	Thomas Allen
22-12	Terry Dotson
22-12.1	Margaret Dotson
22-13	Warren Putnam
22-13.1	Jacqueline Wichman

Grant District - Doddridge County

01-01	Steven Reed
04-01	Warren Putnam

57' TO BOTTOM HOLE

5,024'

LONGITUDE 80°45'00"

LONGITUDE 80°45'00"

WV NORTH ZONE GRID NORTH

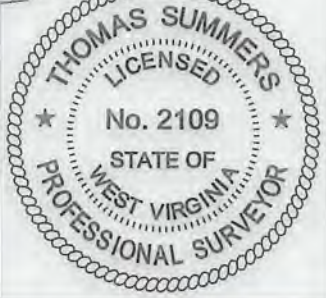
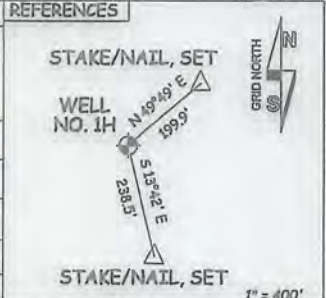
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



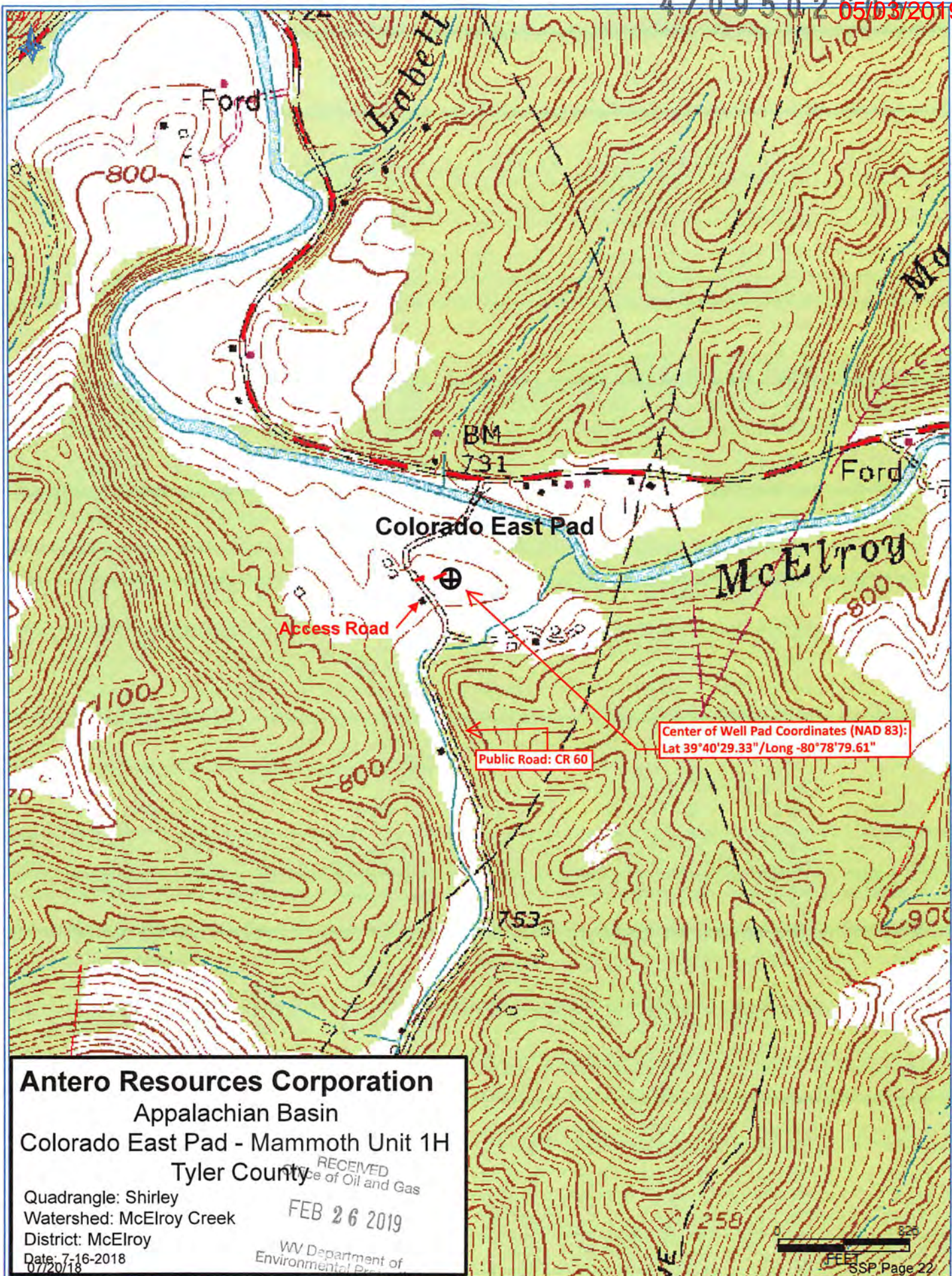
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 19-002WA
DRAWING # MAMMOTH 1H
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 +/-
X Existing Fence
Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 02/18/19
OPERATOR'S WELL# MAMMOTH UNIT #1H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02605
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
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.±;
JAMES MALLOY ET UX; MELISSA SMITH; NOBLE ENERGY INC. ET AL; S.A. SMITH & C. BURKE HEIRS TRUST; FANNY D. DAVIS ET AL; 90.1 AC.±; 57.63 AC.±; 55 AC.±; 18 AC.±; 74 AC.±;
UNION NATIONAL BANK OF W.V.; MATTHEW L. MARCH ET AL; MATTHEW L. MARCH ET AL; EDWARD LEWIS CASE; LINDA J. DESCHER 25.5 AC.±; 51 AC.±; 32.57 AC.±; 50 AC.±; 76 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 20,800' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



Antero Resources Corporation
 Appalachian Basin
 Colorado East Pad - Mammoth Unit 1H
 Tyler County, WV

RECEIVED
 Office of Oil and Gas
 FEB 26 2019
 WV Department of
 Environmental Protection

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

SSP Page 22