

LATITUDE 39°25'00"

10,790'

LATITUDE 39°22'30"

373' TO BOTTOM HOLE

5,007'

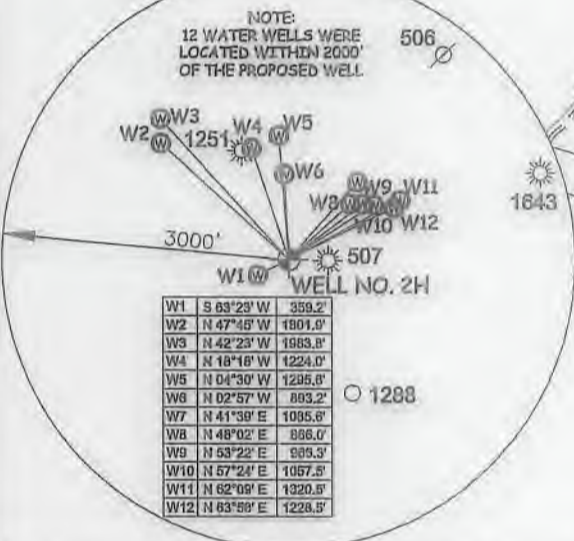
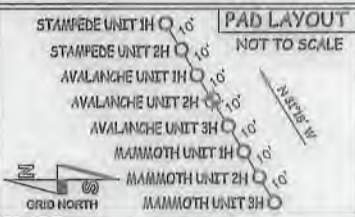
LONGITUDE 80°45'00"

LONGITUDE 80°45'00"

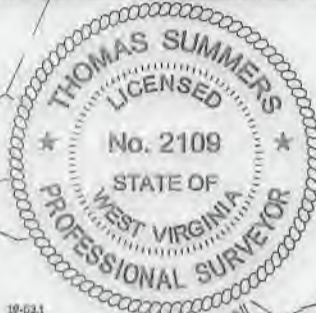
Antero Resources Corporation  
Well No. Avalanche Unit 2H

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 331,472ft E: 1,635,997ft  
LAT: 39°24'10.51" LON: 80°47'17.46"  
BOTTOM HOLE INFORMATION:  
N: 320,873ft E: 1,639,929ft  
LAT: 39°22'26.32" LON: 80°46'25.46"  
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 2H TOP HOLE INFORMATION:  
N: 4,361,521m E: 518,252m  
BOTTOM HOLE INFORMATION:  
N: 4,358,312m E: 519,504m



TM-Par	Surface Owner	Book/Pg	Acres
16-07	Robert Kocher	432/591	97.659 AC
16-7.2	Danna Drumbaugh	360/71	1.86 AC
16-7.3	Mary Blafner	WB46/477	4.47 AC
16-7.4	Donald Moore	387/168	6.974 AC
16-7.5	Robert Kocher	432/591	63.066 AC
16-06	Jane Griffin	231/41	233.49 AC
16-8.1	Roger Griffin	219/484	1.45 AC
16-8.2	Roger Griffin	352/609	0.481 AC
16-18	Albert Babea	292/450	208.66 AC
16-19	Todd Orr	205/176	2 AC
19-02	Lloyd Talkington	326/774	127.86 AC
19-03	Larry Stevens	344/431	2.98 AC
19-04	John Owens	296/279	1.08 AC
19-05	Paul Wezley	419/401	0.21 AC
19-05	Paul Wezley	419/401	0.866 AC
19-07	Patricia Montgomery	381/300	5.59 AC
19-08	John Lewis Jr.	336/631	116.5 AC
19-09	Robert Walsh	339/839	140 AC
19-15	Terrence Fraser	252/430	7.16 AC
19-16	Terrence Fraser	252/450	59.62 AC
19-17	Ronnie Wilson Jr.	358/414	50 AC
19-52	Harold Vest	344/242	32 AC
19-53.1	Larry Marable	368/722	66.38 AC
19-66	Matthew March	415/642	73.952 AC
19-67	Smith Morris Trust	149/274	18 AC
19-68	Randall Gugston	458/665	35.53 AC
19-69	Randall Gugston	458/666	38.5 AC
22-00	William Hidelston	353/471	102.29 AC
22-06	Thomas Allen	269/448	53 AC
22-07	Thomas Allen	125/425	50 AC
22-10	Thomas Allen	269/448	23 AC
22-12	Terry Datson	544/784	48.754 AC
22-12.1	Morganer Datson	415/599	2.996 AC
01-01	Steven Reed	WB54/21	158 AC



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

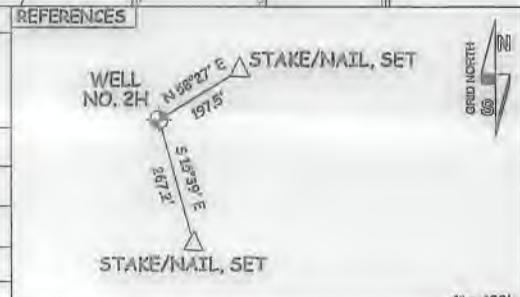
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO  
WEST VIRGINIA 26415

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 14,308,709ft E: 1,700,251ft  
POINT OF ENTRY INFORMATION:  
N: 14,308,955ft E: 1,700,806ft  
BOTTOM HOLE INFORMATION:  
N: 14,298,181ft E: 1,704,358ft

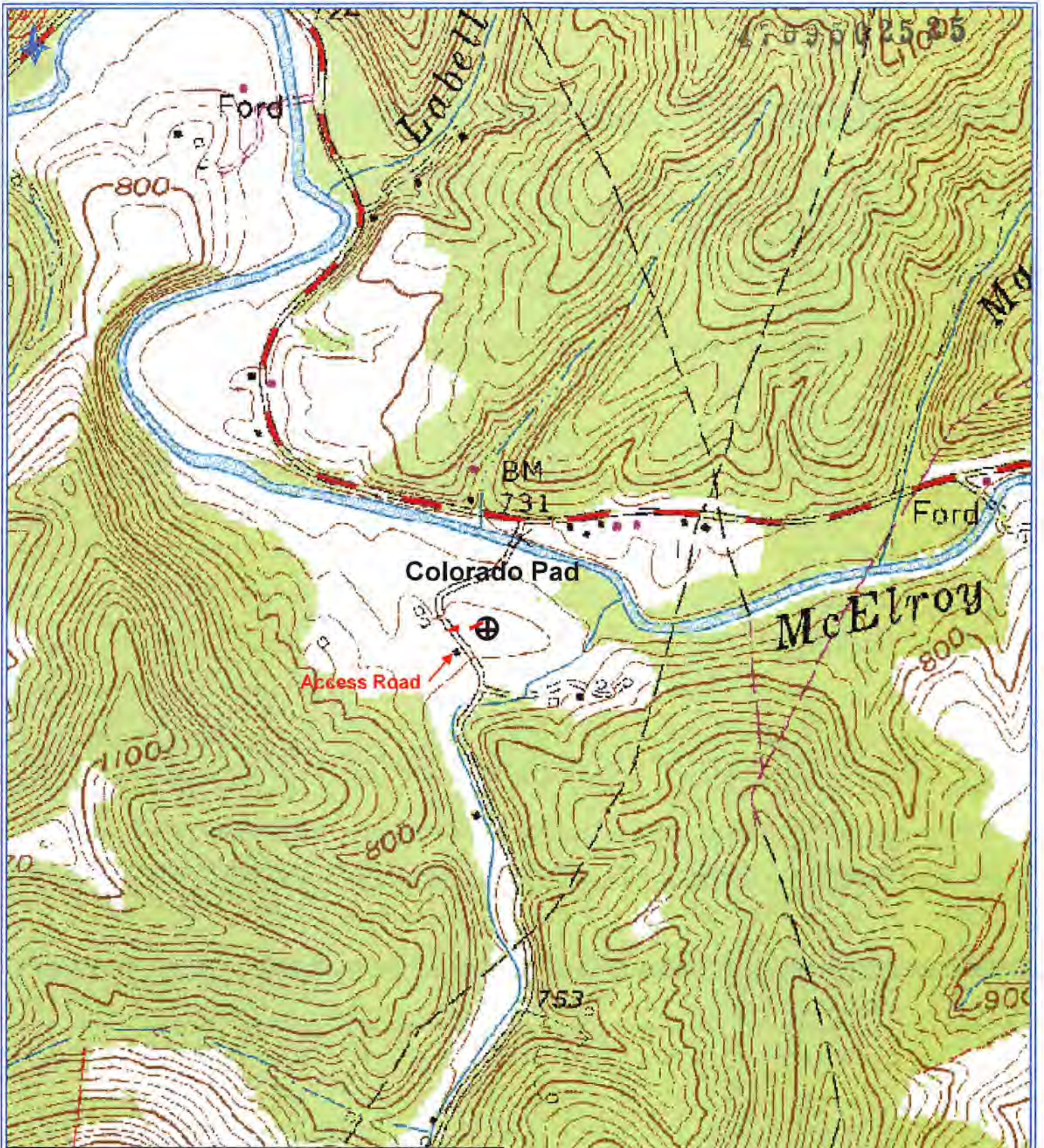
NOTE  
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

JOB # 17-038WA  
DRAWING # AVALANCHE 2HR1  
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 06/26/18  
OPERATOR'S WELL# AVALANCHE UNIT #2H



WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02525  
 (IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW  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 LLOYD TALKINGTON ACREAGE 127.86 ACRES +/-  
 OIL & GAS ROYALTY OWNER B.F. REED ET UX; K & D HOLDINGS, LLC; MARK A. BURNETT;  
 R.E. SMITH ET UX; GLENN D. SMITH; FANNY D. DAVIS ET AL; UNION NATIONAL BANK OF W.V.;  
 EDWARD LEWIS CASE; LINDA J. DESCHER; EQT; W.S. WRIGHT ET AL  
 LEASE ACREAGE 130 AC.±; 219.39 AC.±; 256 AC.±;  
 50.5 AC.±; 32 AC.±; 74 AC.±; 25.5 AC.±;  
 50 AC.±; 76 AC.±; 48.754 AC.±; 2.996 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 6,900' TVD 19,400' 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  
Avalanche Unit  
Tyler County

Quadrangle: Shirley  
Watershed: McElroy Creek  
District: McElroy  
Date: 7-16-2018

RECEIVED  
Office of Oil and Gas

JUL 23 2018

WV Department of  
Environmental Protection

