

LATITUDE 39°25'00"

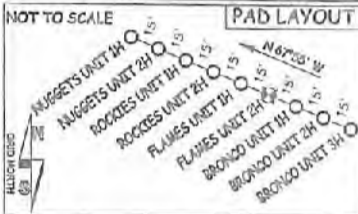
11,198'

2,106' TO BOTTOM HOLE
LATITUDE 39°27'30"

Antero Resources Corporation
Well No. Flames Unit 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 331,243ft E: 1,635,586ft
LAT: 39°24'08.20" LON: 80°47'22.66"
BOTTOM HOLE INFORMATION:
N: 343,671ft E: 1,633,082ft
LAT: 39°26'10.66" LON: 80°47'56.84"
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.

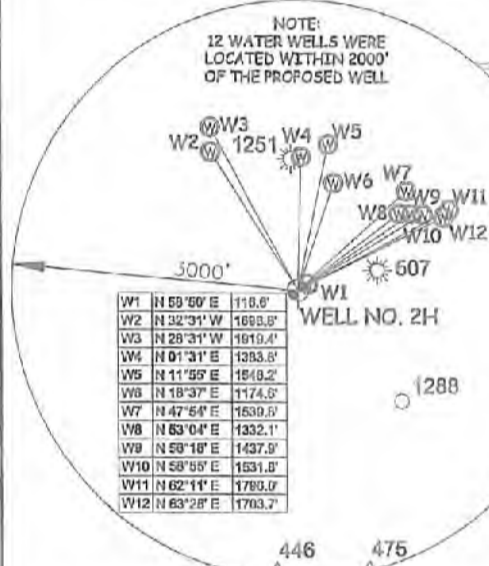
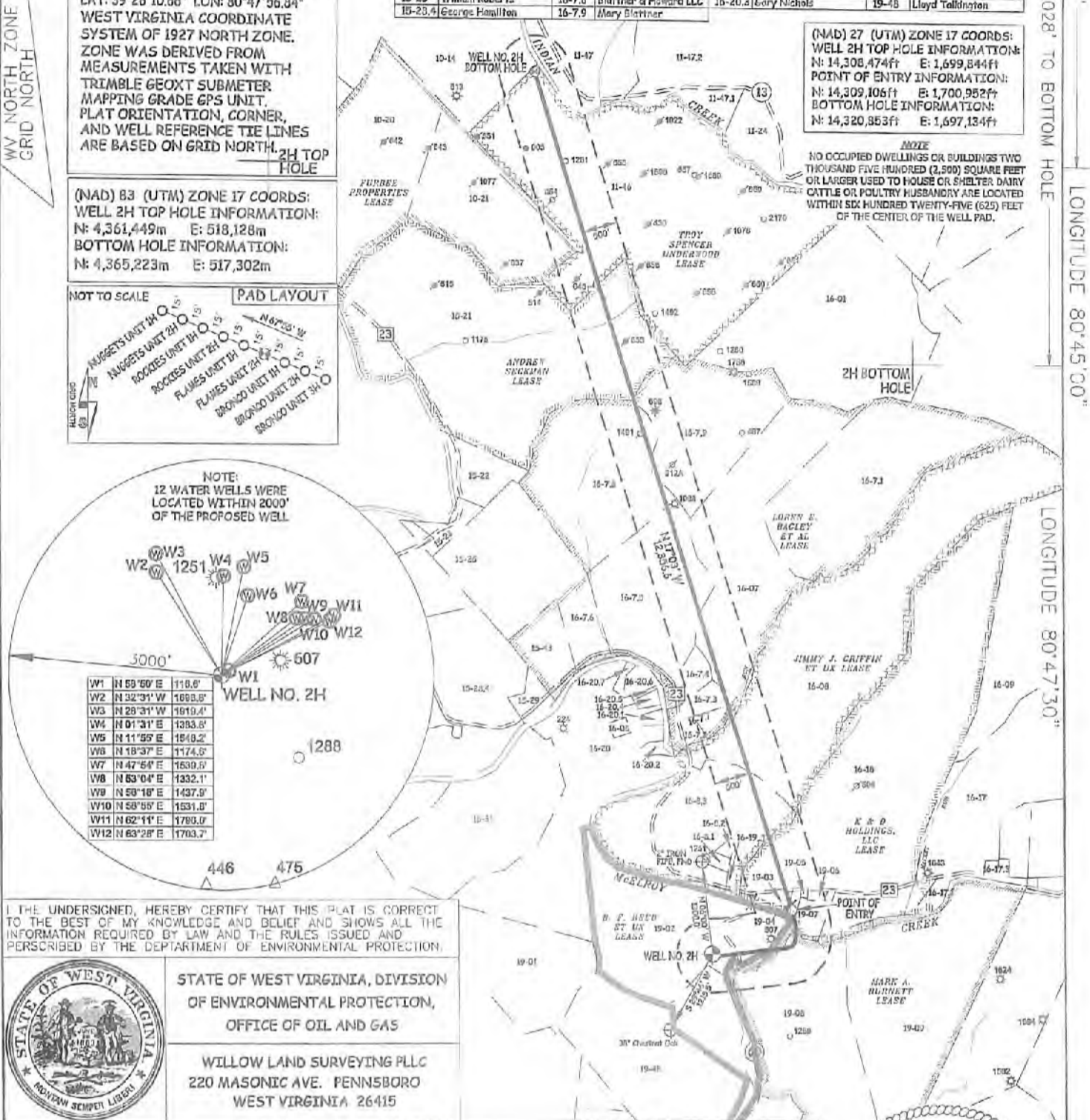
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,361,449m E: 518,128m
BOTTOM HOLE INFORMATION:
N: 4,365,223m E: 517,302m



TM-Per	Surface Owner	15-29	16-08	16-08	16-20.5		
10-14	Charles Garrison	15-31	Mitchell Herrick	16-08	Jane Griffin	16-20.5	Susan Spencer
10-20	Kenneth Mason	15-43	Roger Weese	16-8.1	Roger Griffin	16-20.6	Timothy Spencer
10-21	Bobby Thomas	16-01	Robert Kocher	16-8.2	Roger Griffin	16-20.7	Timothy Spencer
11-24	Alva Spencer Est.	16-07	Donald Vandins Jr.	16-8.3	Brian Eddy	19-01	Susan Spencer
11-47	Joy Bee Oil & Gas Inc.	16-7.1	Robert Kocher	16-09	Jamie Straight	19-02	Antero Resources Corp.
11-47.1	James Center Sr.	16-7.2	Donald Moore	16-17	Charles Straight	19-03	Larry Stevens
11-47.2	Everett Stanley	16-7.3	Donna Brumbaugh	16-17.1	Charles Straight	19-04	John Owens
15-21	Robert Jennings	16-7.4	Mary Blattner	16-17.2	Rodney Tippins	19-05	Paul Weadley
15-22	Joe Kimball	16-7.5	Donald Moore	16-17.3	Charles Kimball	19-05	Paul Weadley
15-23	Kenneth Kline	16-7.6	Robert Kocher	16-20	Susan Spencer	19-07	Patricia Montgomery
15-25	William Roberts	16-7.7	Robert Kocher	16-20.1	Susan Spencer	19-05	John Lewis Jr.
15-20.4	George Hamilton	16-7.8	Blattner & Howard LLC	16-20.2	Gary Nichols	19-09	Robert Welsh
		16-7.9	Mary Blattner	16-20.3	Gary Nichols	19-18	Lloyd Tallington

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,308,474ft E: 1,699,844ft
POINT OF ENTRY INFORMATION:
N: 14,309,106ft E: 1,700,952ft
BOTTOM HOLE INFORMATION:
N: 14,320,953ft E: 1,697,134ft

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.



Well	N	E
W1	59°50'	118.8'
W2	32°31'	1693.8'
W3	28°31'	1619.4'
W4	01°31'	1393.8'
W5	11°55'	1819.2'
W6	18°37'	1174.5'
W7	47°54'	1539.5'
W8	53°04'	1332.1'
W9	58°18'	1437.9'
W10	58°55'	1531.0'
W11	62°14'	1780.0'
W12	63°28'	1793.7'

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 # 19-005WA
DRAWING # FLAMES2HR
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
DOUGLAS R. ROWE P.S. 2202
DATE 09/23/19
OPERATOR'S WELL # FLAMES UNIT #2H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 -02602 Mod
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 754'- ORIGINAL 748.5' - PROPOSED WATERSHED McELROY CREEK
QUADRANGLE SHIRLEY 7.5' DISTRICT McELROY COUNTY TYLER
SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 127.86 ACRES +/-
OIL & GAS ROYALTY OWNER B.F. REED ET UX; MARK A. BURNETT; K & D HOLDINGS, LLC; LEASE ACREAGE 130 AC.±; 256 AC.±; 219.39 AC.±;
JIMMY J. GRIFFIN ET UX; LOREN E. BAGLEY ET AL; ANDREW SECKMAN; TROY SPENCER UNDERWOOD 236 AC.±; 502.8 AC.±; 300 AC.±; 257 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 6,800' 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
DENVER, CO 80202 CHARLESTON, WV 25313

5,241'
8,028' TO BOTTOM HOLE
LONGITUDE 80°45'00"
LONGITUDE 80°47'30"