

LATITUDE 39°27'30"

5,924'

2,710' TO BOTTOM HOLE

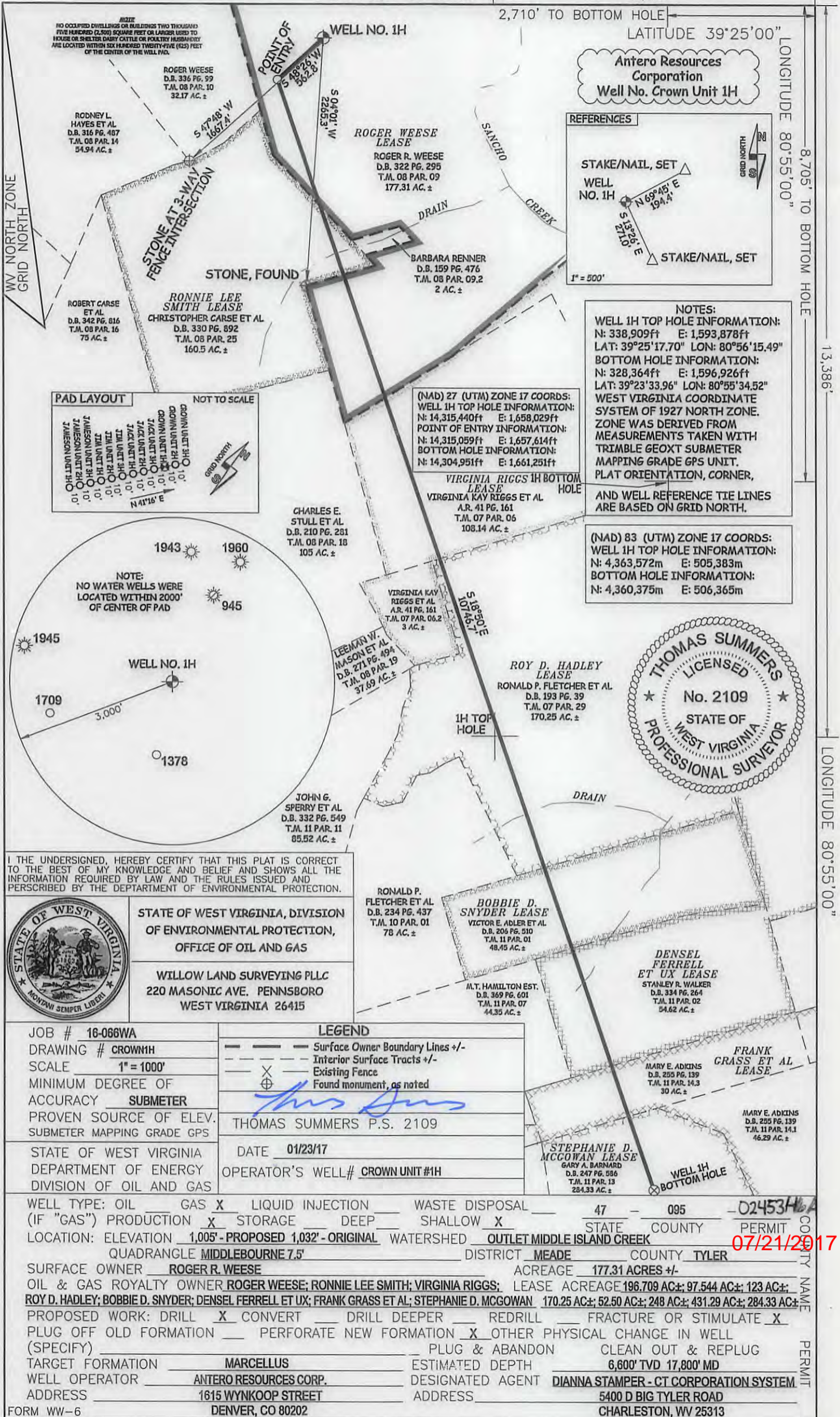
LATITUDE 39°25'00"

LONGITUDE 80°55'00"

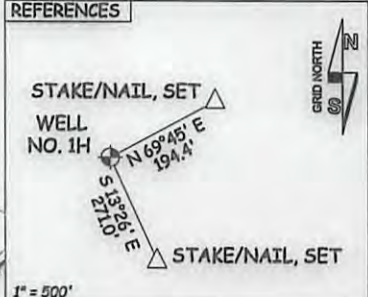
8,705' TO BOTTOM HOLE

13,386'

LONGITUDE 80°55'00"

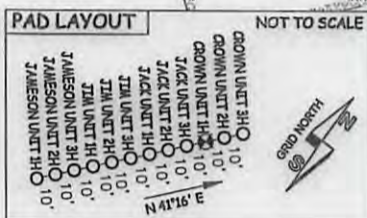


Antero Resources Corporation
Well No. Crown Unit 1H



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 338,909ft E: 1,593,878ft
 LAT: 39°25'17.70" LON: 80°56'15.49"
 BOTTOM HOLE INFORMATION:
 N: 328,364ft E: 1,596,926ft
 LAT: 39°23'33.96" LON: 80°55'34.52"
 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: 4,363,572m E: 505,383m
 BOTTOM HOLE INFORMATION:
 N: 4,360,375m E: 506,365m



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,315,440ft E: 1,658,029ft
 POINT OF ENTRY INFORMATION:
 N: 14,315,059ft E: 1,657,614ft
 BOTTOM HOLE INFORMATION:
 N: 14,304,951ft E: 1,661,251ft

VIRGINIA RIGGS 1H BOTTOM HOLE
 LEASE
 VIRGINIA KAY RIGGS ET AL
 A.R. 41 PG. 161
 T.M. 07 PAR. 06
 108.14 AC. ±

VIRGINIA KAY RIGGS ET AL
 A.R. 41 PG. 161
 T.M. 07 PAR. 06.2
 3 AC. ±

LEEMAN W. MASON ET AL
 D.B. 271 PG. 494
 T.M. 08 PAR. 19
 37.69 AC. ±

ROY D. HADLEY LEASE
 RONALD P. FLETCHER ET AL
 D.B. 193 PG. 39
 T.M. 07 PAR. 29
 170.25 AC. ±

BOBBIE D. SNYDER LEASE
 VICTOR E. ADLER ET AL
 D.B. 205 PG. 510
 T.M. 11 PAR. 01
 48.45 AC. ±

M.T. HAMILTON EST.
 D.B. 369 PG. 601
 T.M. 11 PAR. 07
 44.35 AC. ±

RONALD P. FLETCHER ET AL
 D.B. 234 PG. 437
 T.M. 10 PAR. 01
 78 AC. ±

BOBBIE D. SNYDER LEASE
 VICTOR E. ADLER ET AL
 D.B. 205 PG. 510
 T.M. 11 PAR. 01
 48.45 AC. ±

M.T. HAMILTON EST.
 D.B. 369 PG. 601
 T.M. 11 PAR. 07
 44.35 AC. ±

FRANK GRASS ET AL LEASE
 MARY E. ADKINS
 D.B. 255 PG. 139
 T.M. 11 PAR. 14.3
 30 AC. ±

MARY E. ADKINS
 D.B. 255 PG. 139
 T.M. 11 PAR. 14.1
 46.29 AC. ±

STEPHANIE D. MCCOWAN LEASE
 GARY A. BARNARD
 D.B. 247 PG. 586
 T.M. 11 PAR. 13
 284.33 AC. ±

DENSEL FERRELL ET UX LEASE
 STANLEY R. WALKER
 D.B. 334 PG. 264
 T.M. 11 PAR. 02
 54.62 AC. ±

JOHN G. SPERRY ET AL
 D.B. 332 PG. 549
 T.M. 11 PAR. 11
 85.52 AC. ±

CHARLES E. STULL ET AL
 D.B. 210 PG. 281
 T.M. 08 PAR. 18
 105 AC. ±

ROBERT CARSE ET AL
 D.B. 342 PG. 816
 T.M. 08 PAR. 16
 75 AC. ±

RODNEY L. HAYES ET AL
 D.B. 316 PG. 487
 T.M. 08 PAR. 14
 54.94 AC. ±

ROGER WEESE
 D.B. 336 PG. 99
 T.M. 08 PAR. 10
 32.17 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

JOB # 16-066WA
 DRAWING # CROWN1H
 SCALE 1" = 1000'
 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 01/23/17
 OPERATOR'S WELL# CROWN UNIT #1H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02453H
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,005' - PROPOSED 1,032' - ORIGINAL _____ WATERSHED _____ STATE _____ COUNTY _____ PERMIT _____
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/-
 OIL & GAS ROYALTY OWNER ROGER WEESE; RONNIE LEE SMITH; VIRGINIA RIGGS; LEASE ACREAGE 196.709 AC.±; 97.544 AC.±; 123 AC.±;
 ROY D. HADLEY; BOBBIE D. SNYDER; DENSEL FERRELL ET UX; FRANK GRASS ET AL; STEPHANIE D. MCCOWAN 170.25 AC.±; 52.50 AC.±; 248 AC.±; 431.29 AC.±; 284.33 AC.±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,600' TVD 17,800' MD
 ADDRESS 1615 WYNKOOP STREET DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

07/21/2017



Antero Resources Corporation
 Appalachian Basin
 Crown Unit 1H
 Tyler County

Quadrangle: Middlebourne
 Watershed: Outlet Middle Island Creek
 District: Meade
 Date: 1-25-2017

Received
 Office of Oil & Gas
 MAY 8 2017

