

LATITUDE 39°25'00"

9,809'

LATITUDE 39°22'30"

5,065' TO BOTTOM HOLE

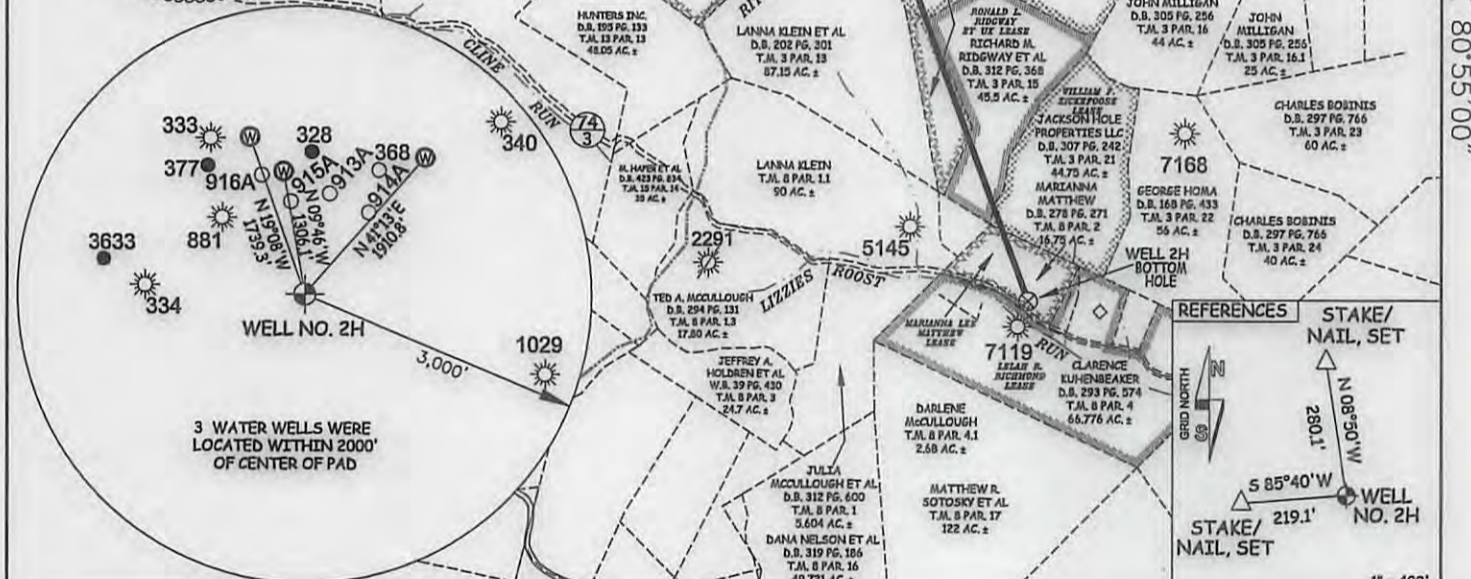
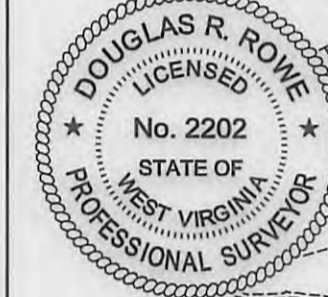
Antero Resources Corporation Well No. Haga Unit 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 325,824ft E: 1,589,786ft
 LAT: 39°23'07.73" LON: 80°57'04.94"
BOTTOM HOLE INFORMATION:
 N: 313,243ft E: 1,594,332ft
 LAT: 39°21'04.12" LON: 80°56'04.48"
 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: 4,359,565m E: 504,202m
BOTTOM HOLE INFORMATION:
 N: 4,355,756m E: 505,651m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 14,302,293ft E: 1,654,157ft
POINT OF ENTRY INFORMATION:
 N: 14,302,203ft E: 1,654,133ft
BOTTOM HOLE INFORMATION:
 N: 14,289,794ft E: 1,658,911ft

PAD LAYOUT
NOT TO SCALE



JOB # 16-062WA
 DRAWING # HAGA2H
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

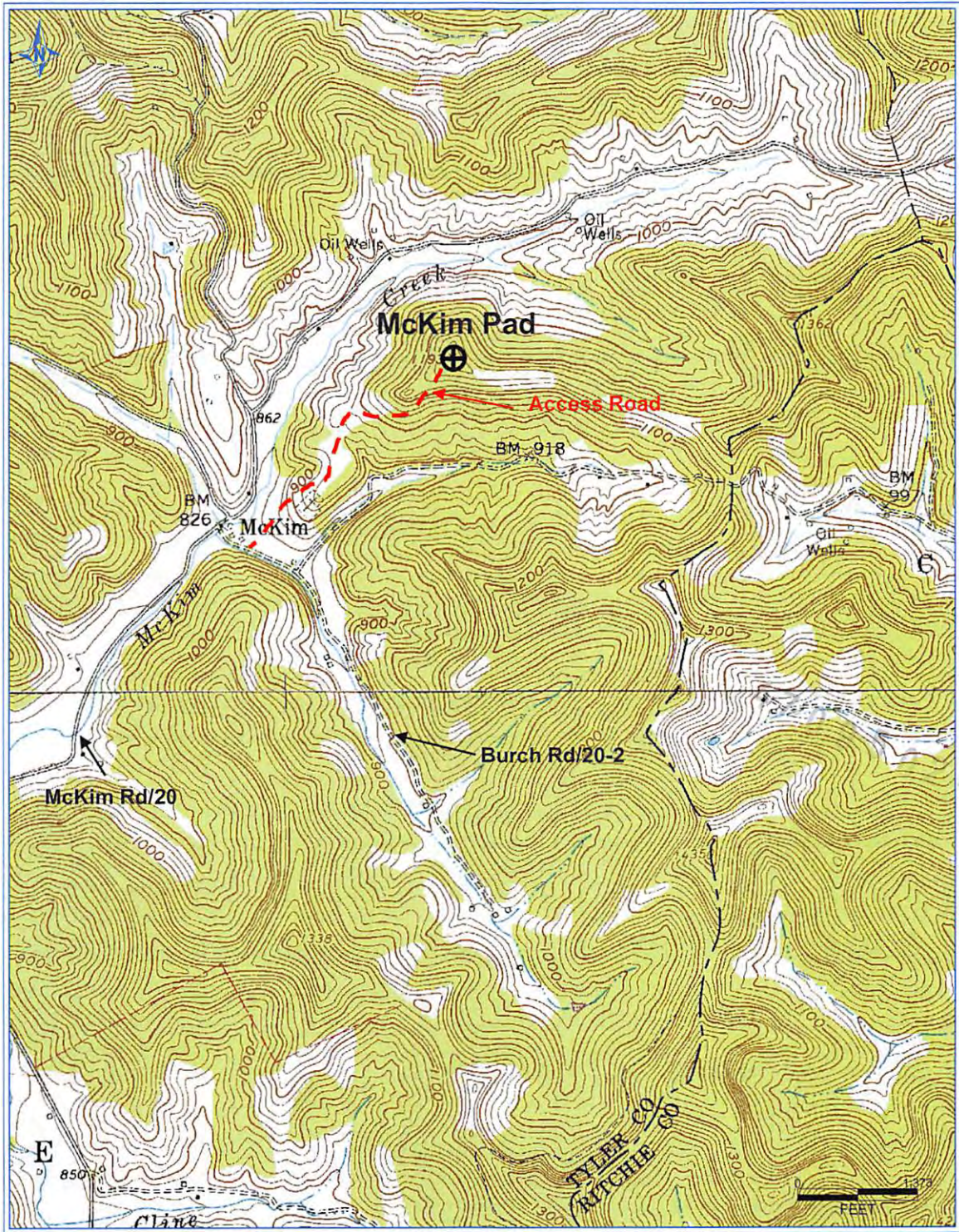
LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Interior Surface Tracts +/-
 - - - - - Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 01/17/17
 OPERATOR'S WELL # HAGA UNIT #2H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,208' - ORIGINAL 1,172' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MIDDLEBOURNE 7.5' (TH) PENNSBORO 7.5' (BH) DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER JARRET W. SHEPHERD ET AL ACREAGE 83.14 ACRES +/-
 OIL & GAS ROYALTY OWNER JOEYNN FAMILY TRUST; RUTH M. HUFFORD; RALPH D. HACKER; HUNTERS INC.; VELDA M. BISHOP LEASE ACREAGE 431.53 AC; 93.70 AC; 84.61 AC; 471.20 AC; 70 AC;
EVERETT MCCULLOUGH ET UX; EUGENE R. HILL TRUST; HAUGHT FAMILY TRUST; SONIA UPTON; RONALD L. RIDGWAY ET UX; WILLIAM F. ZICKFOOSE; MARIANNA LEE MATTHEW 188.72 AC; 104.3 AC; 323 AC; 14.52 AC; 45.25 AC; 45 AC; 16.75 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 6,500' TVD 20,300' 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 ADDRESS CHARLESTON, WV 25313

8,689' TO BOTTOM HOLE
 1,359'
 LONGITUDE 80°55'00"
 LONGITUDE 80°55'00"

04/07/2017



Antero Resources Corporation
Appalachian Basin
Haga Unit 2H
Tyler County
Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Meade
Date: 5-5-2016