

LATITUDE 39°25'00"

9,804'

LATITUDE 39°22'30"

4,136' TO BOTTOM HOLE

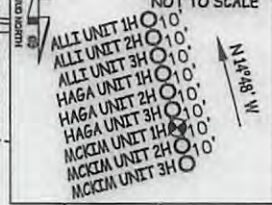
# Antero Resources Corporation Well No. McKim Unit 1H

**NOTES:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 325,804ft E: 1,589,791ft  
 LAT: 39°23'07.54" LON: 80°57'04.87"  
**BOTTOM HOLE INFORMATION:**  
 N: 314,480ft E: 1,595,281ft  
 LAT: 39°21'16.49" LON: 80°55'52.65"  
 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: 4,359,559m E: 504,204m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,356,137m E: 505,934m

**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 14,302,274ft E: 1,654,162ft  
**POINT OF ENTRY INFORMATION:**  
 N: 14,302,623ft E: 1,655,391ft  
**BOTTOM HOLE INFORMATION:**  
 N: 14,291,046ft E: 1,659,839ft

### PAD LAYOUT



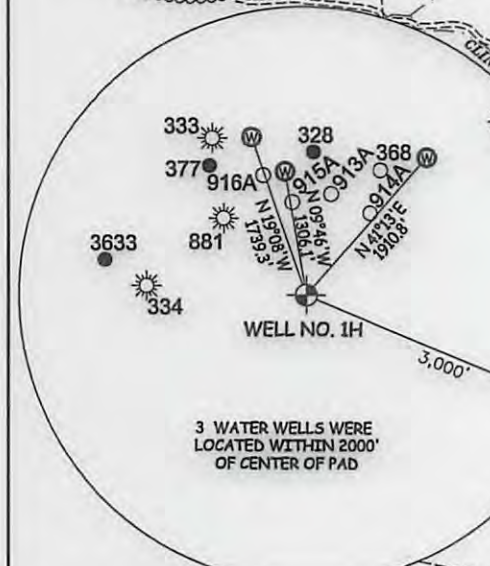
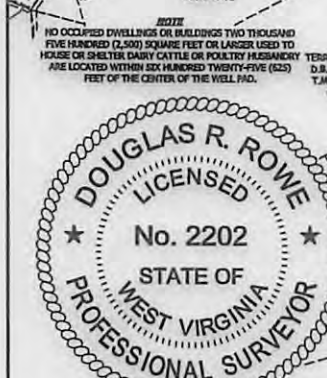
WV NORTH ZONE GRID NORTH

7,437' TO BOTTOM HOLE

11,378'

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"



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.



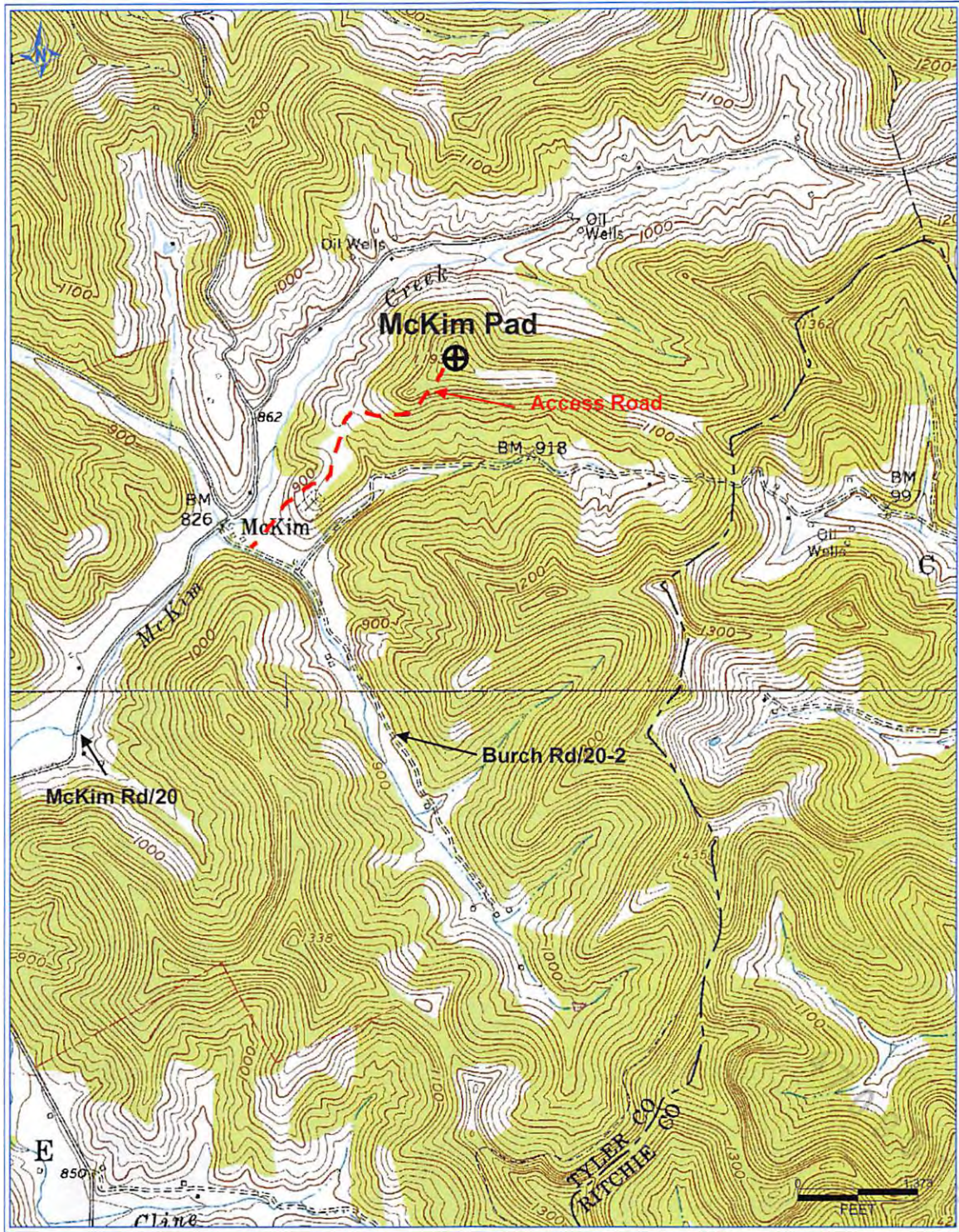
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

**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# McKim UNIT #1H  
 47 - 095 - 0218 HGA  
 STATE COUNTY

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 JOELYNN FAMILY TRUST; JOE-DOM INC.; RUTH M. HUFFORD; VELDA M. BISHOP; LEASE ACREAGE 431.53 AC±; 380 AC±; 93.78 AC±; 70 AC±; ELLEN WILLIAMS; OLEY J. BISHOP; HAUGHT FAMILY TRUST; RONALD L. RIDGWAY ET UX; WILLIAM F. ZICKEFOOSE 47 AC±; 50 AC±; 323 AC±; 45.25 AC±; 45 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 19,800' 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 ADDRESS CHARLESTON, WV 25313

PERMIT



**Antero Resources Corporation**  
Appalachian Basin  
McKim Unit 1H  
Tyler County  
Quadrangle: Middlebourne  
Watershed: Outlet Middle Island Creek  
District: Meade  
Date: 5-5-2016