

LATITUDE 39°25'00"

9,820'

LATITUDE 39°22'30"

7,321' TO BOTTOM HOLE

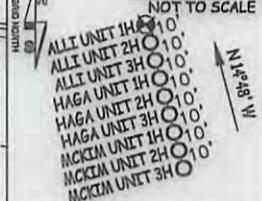
Antero Resources Corporation Well No. Alli Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 325,862ft E: 1,589,776ft
 LAT: 39°23'08.11" LON: 80°57'05.08"
 BOTTOM HOLE INFORMATION:
 N: 311,797ft E: 1,592,053ft
 LAT: 39°20'49.47" LON: 80°56'33.20"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. SYSTEM 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: 4,359,577m E: 504,199m
 BOTTOM HOLE INFORMATION:
 N: 4,355,303m E: 504,965m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,302,331ft E: 1,654,146ft
 POINT OF ENTRY INFORMATION:
 N: 14,301,476ft E: 1,651,578ft
 BOTTOM HOLE INFORMATION:
 N: 14,288,311ft E: 1,656,657ft

PAD LAYOUT



NOT TO SCALE

GRID NORTH

W 89°24' W

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10,171' TO BOTTOM HOLE

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

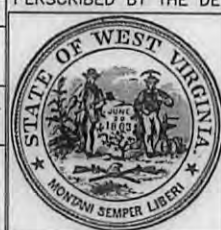
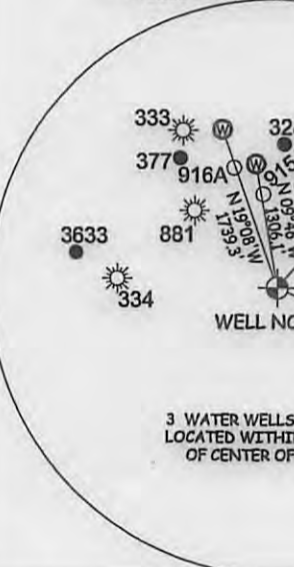
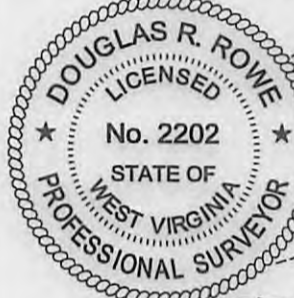
11,320'

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

WY NORTH ZONE
GRID NORTH

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



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 # ALLI UNIT #1H | | |

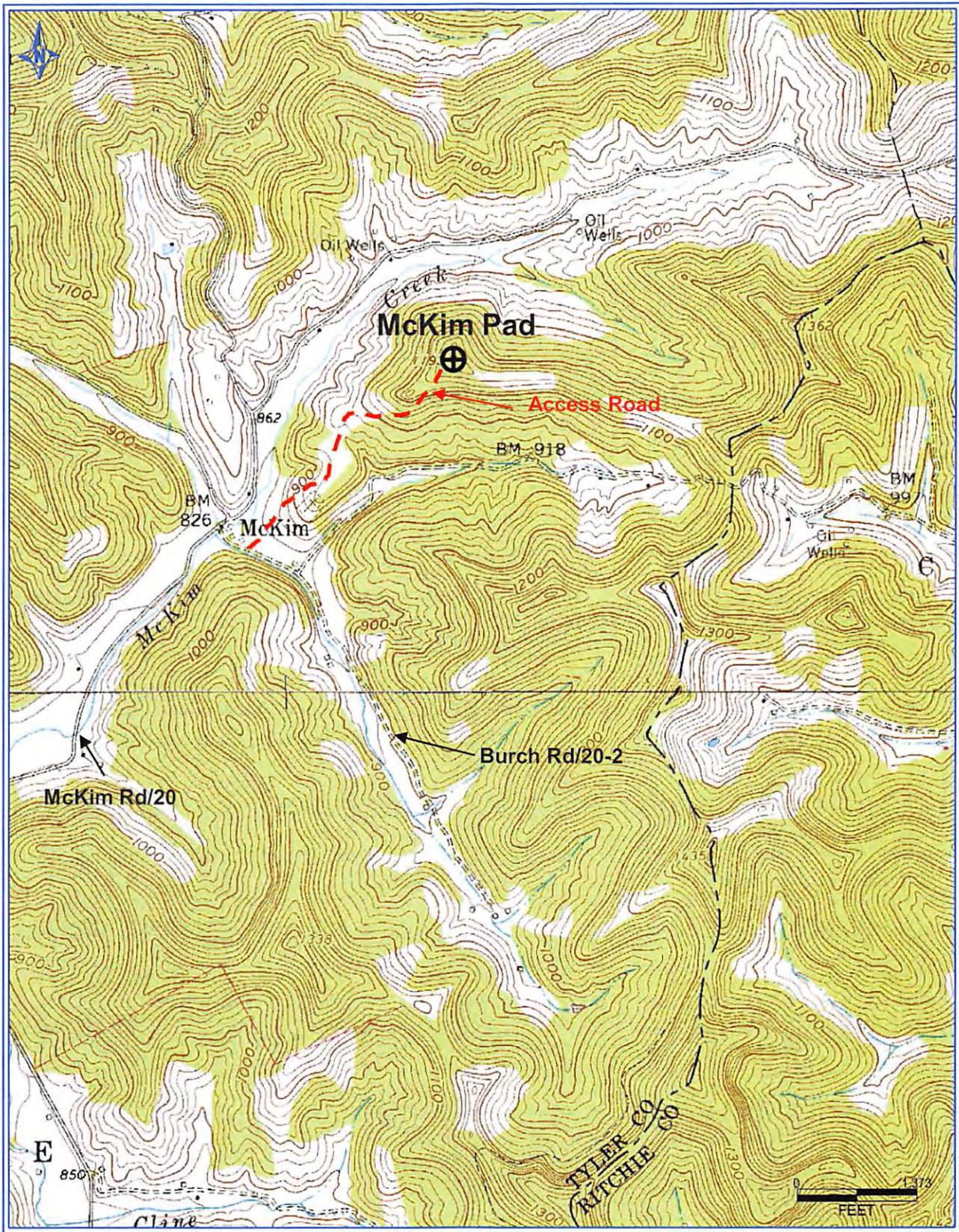
JOB # 16-032WA
 DRAWING # ALLIHR1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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 JOEL YVYV FAMILY TRUST; RONALD P. HAMILTON; RONALD P. HAMILTON; HUNTERS INC.; EVERETT LEASE ACREAGE 431.53 AC±; 62.58 AC±; 73.08 AC±; 471.20 AC±;
 MCCULLOUGH ET UX; EUGENE R. HILL TRUST; JEANETTE MCCULLOUGH; RITCHIE PETROLEUM CORP. INC.; BLANCHE STEWART; VICTOR HOLDEN 188.72 AC±; 104.3 AC±; 48.05 AC±; 35 AC±; 195 AC±; 30 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 ESTIMATED DEPTH 6,500' TVD 22,000' 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

04/07/2017

PERMIT NAME

PERMIT



Antero Resources Corporation
 Appalachian Basin
 Alli Unit 1H
 Tyler County

Quadrangle: Middlebourne
 Watershed: Outlet Middle Island Creek
 District: Meade
 Date: 5-5-2016

Received
 Office of Oil & Gas
 FEB 10 2017

04/07/2017