

LATITUDE 39°20'00"

8,664'

6,714' TO BOTTOM HOLE

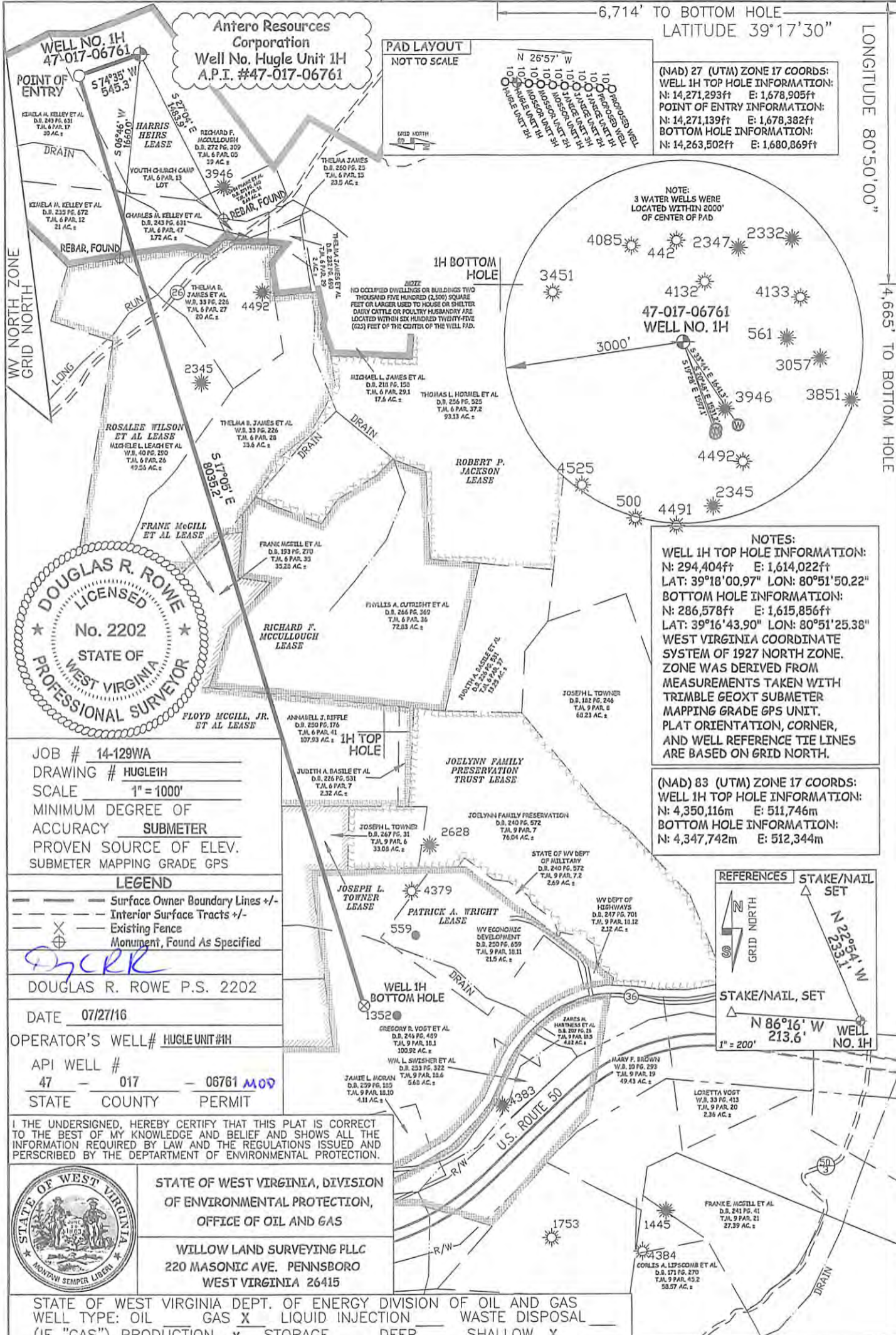
LATITUDE 39°17'30"

LONGITUDE 80°50'00"

12,043'

LONGITUDE 80°50'00"

COUNTY NAME PERMIT



Antero Resources Corporation
Well No. Hugel Unit 1H
A.P.I. #47-017-06761

PAD LAYOUT
NOT TO SCALE

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,271,293ft E: 1,678,905ft
POINT OF ENTRY INFORMATION:
N: 14,271,139ft E: 1,678,382ft
BOTTOM HOLE INFORMATION:
N: 14,263,502ft E: 1,680,869ft

NOTE:
3 WATER WELLS WERE
LOCATED WITHIN 2000'
OF CENTER OF PAD

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 294,404ft E: 1,614,022ft
LAT: 39°18'00.97" LON: 80°51'50.22"
BOTTOM HOLE INFORMATION:
N: 286,578ft E: 1,615,856ft
LAT: 39°16'43.90" LON: 80°51'25.38"
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: 4,350,116m E: 511,746m
BOTTOM HOLE INFORMATION:
N: 4,347,742m E: 512,344m

JOB # 14-129WA
DRAWING # HUGLE1H
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY SUBMETER
PROVEN SOURCE OF ELEV.
SUBMETER MAPPING GRADE GPS

LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
X Existing Fence
Monument, Found As Specified

DOUGLAS R. ROWE P.S. 2202

DATE 07/27/16

OPERATOR'S WELL# HUGLE UNIT #1H

API WELL # 47 - 017 - 06761 MOD

STATE COUNTY PERMIT

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 REGULATIONS 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

STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,035' - ORIGINAL 1,021' - PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

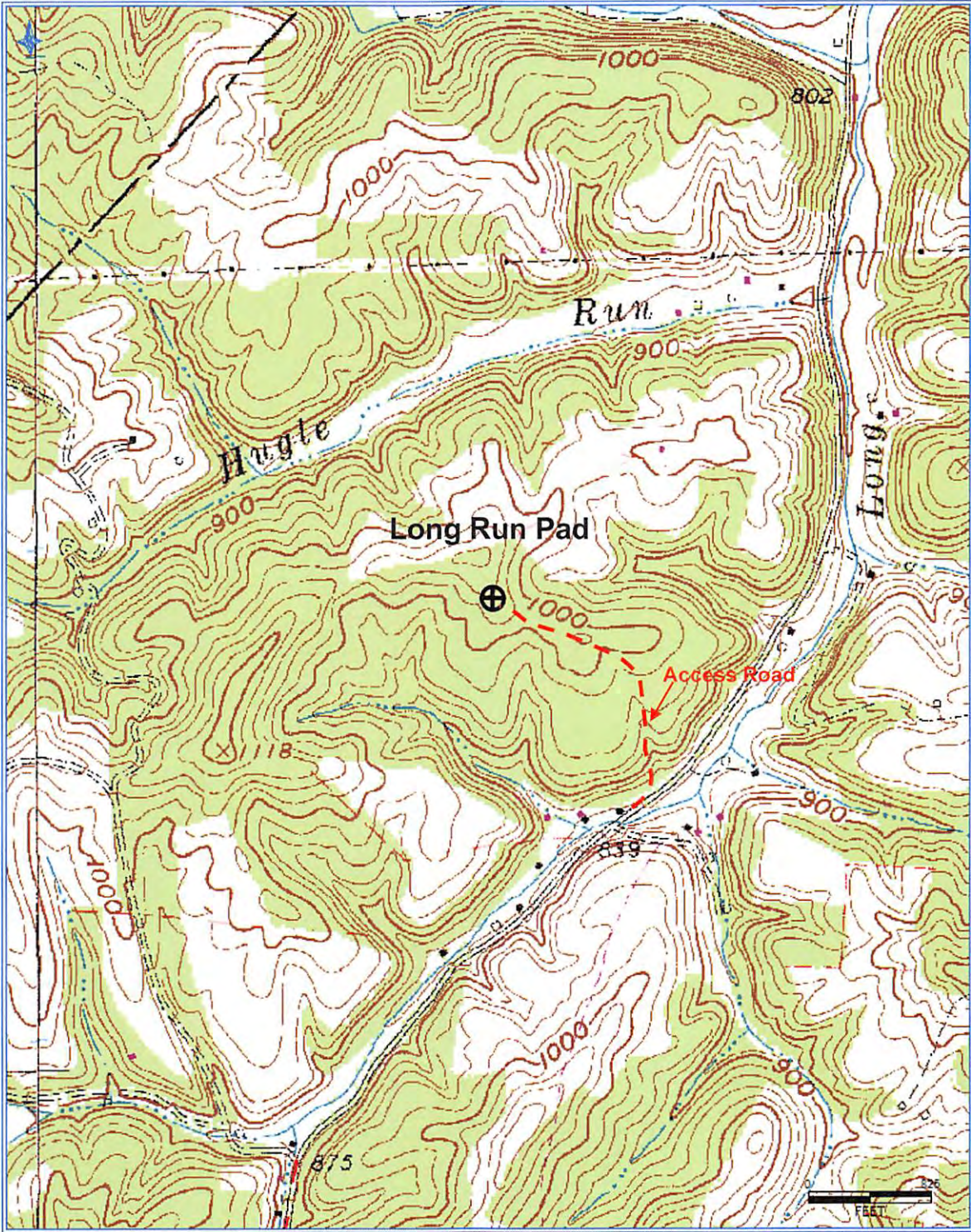
SURFACE OWNER RICHARD F. McCULLOUGH ACREAGE 39 ACRES +/-
OIL & GAS ROYALTY OWNER HARRIS HEIRS; ROSALEE WILSON ET AL; LEASE ACREAGE 217 AC +/-; 100 AC +/-; 72.83 AC +/-; 107 AC +/-; 33 AC +/-; 222 AC +/-
FRANK MCGILL ET AL; RICHARD F. MCCULLOUGH; FLOYD MCGILL, JR. ET AL; JOSEPH L. TOWNER; PATRICK A WRIGHT

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 7,000' TVD 16,500' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1815 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

12/02/2016

17-06761 MOD



Antero Resources Corporation
Appalachian Basin
Hugle Unit 1H
Doddridge County
Quadrangle: West Union
Watershed: Headwaters Middle Island Creek
District: Central
Date: 9-28-2015

Received
Office of Oil & Gas
AUG 01 2016

12/02/2016