

LATITUDE 39°22'30"

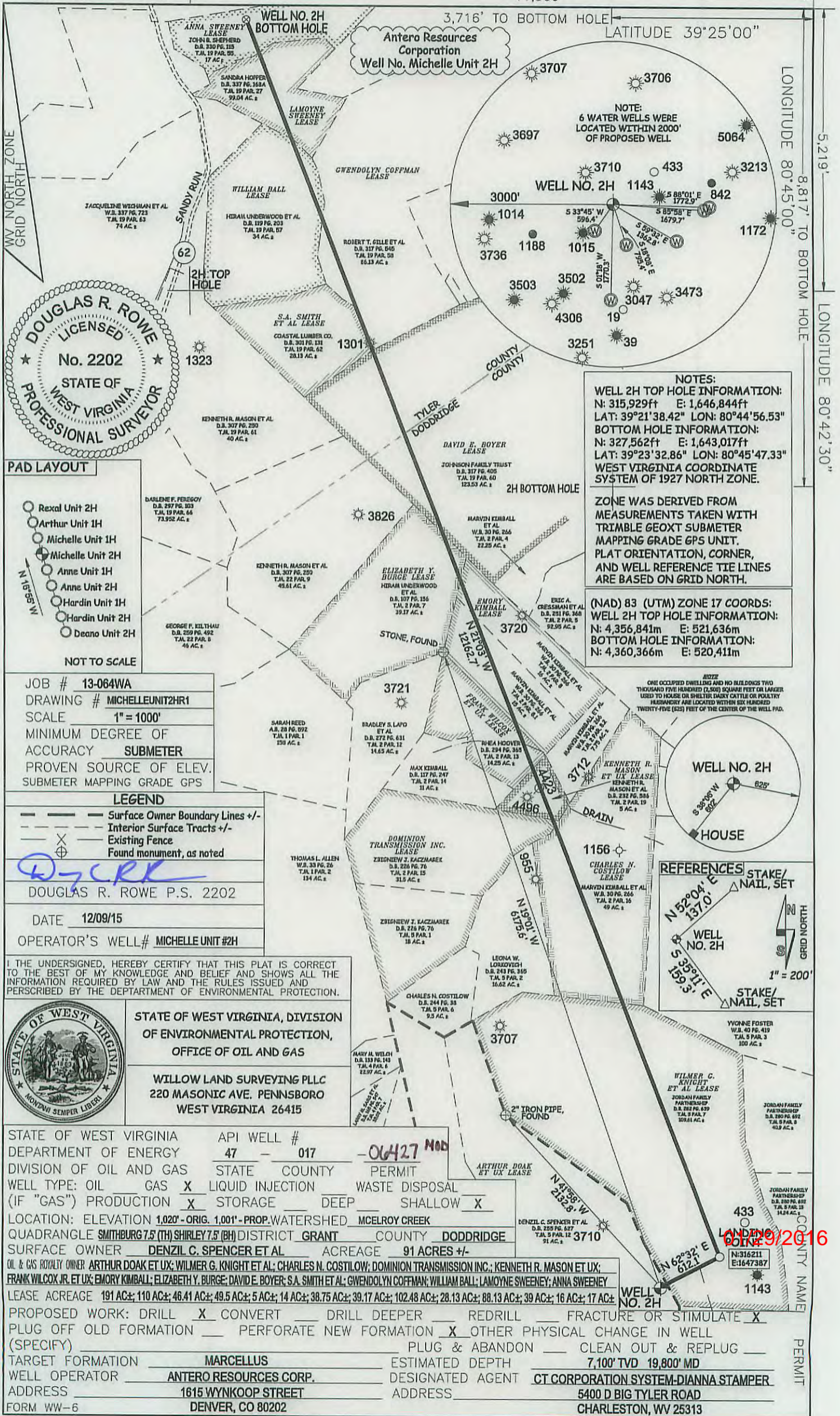
11,509'

LATITUDE 39°25'00"

LONGITUDE 80°45'00"

5,219'

LONGITUDE 80°42'30"



Antero Resources Corporation
Well No. Michelle Unit 2H

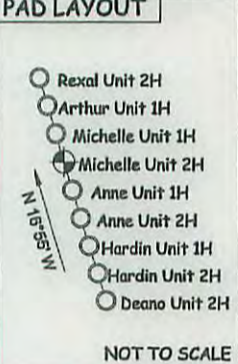
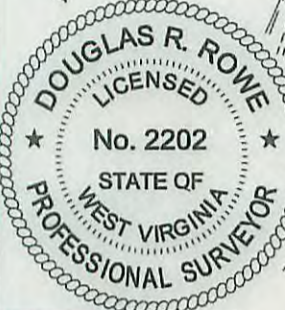
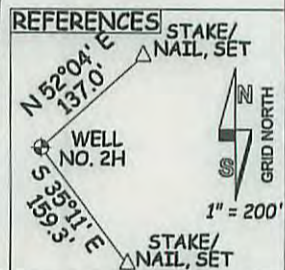
NOTE:
6 WATER WELLS WERE
LOCATED WITHIN 2000'
OF PROPOSED WELL

WELL 2H TOP HOLE INFORMATION:
N: 315,929ft E: 1,646,844ft
LAT: 39°21'38.42" LON: 80°44'56.53"
BOTTOM HOLE INFORMATION:
N: 327,562ft E: 1,643,017ft
LAT: 39°23'32.86" LON: 80°45'47.33"
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: 4,356,841m E: 521,636m
BOTTOM HOLE INFORMATION:
N: 4,360,366m E: 520,411m

NOTE
ONE OCCUPIED DWELLINGS AND NO BUILDINGS TWO
THOUSAND FIVE HUNDRED (2,000) SQUARE FEET OR LARGER
USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY
HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED
TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-064WA
DRAWING # MICHELLEUNIT2HR1
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
Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
DATE 12/09/15
OPERATOR'S WELL# MICHELLE UNIT #2H

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

API WELL # 47 - 017 - 06427 MOD

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,020' - ORIG. 1,001' - PROP. WATERSHED MCELROY CREEK

QUADRANGLE SMITHBURG 7.5 (TH) SHIRLEY 7.5 (BH) DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER DENZIL C. SPENCER ET AL ACREAGE 91 ACRES +/-

OIL & GAS ROYALTY OWNER ARTHUR DOAK ET UX; WILMER G. KNIGHT ET AL; CHARLES N. COSTILOW; DOMINION TRANSMISSION INC.; KENNETH R. MASON ET UX;
FRANK WILCOX JR. ET UX; EMORY KIMBALL; ELIZABETH Y. BURGE; DAVID E. BOYER; S.A. SMITH ET AL; GWENDOLYN COFFMAN; WILLIAM BALL; LAMOYNE SWEENEY; ANNA SWEENEY

LEASE ACREAGE 191 AC±; 110 AC±; 46.41 AC±; 49.5 AC±; 5 AC±; 14 AC±; 38.75 AC±; 39.17 AC±; 102.48 AC±; 28.13 AC±; 88.13 AC±; 39 AC±; 16 AC±; 17 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 7,100' TVD 19,800' MD

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 19,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 12/9/2016

N: 316211
E: 1647387