

LATITUDE 39°22'30"

11,509'

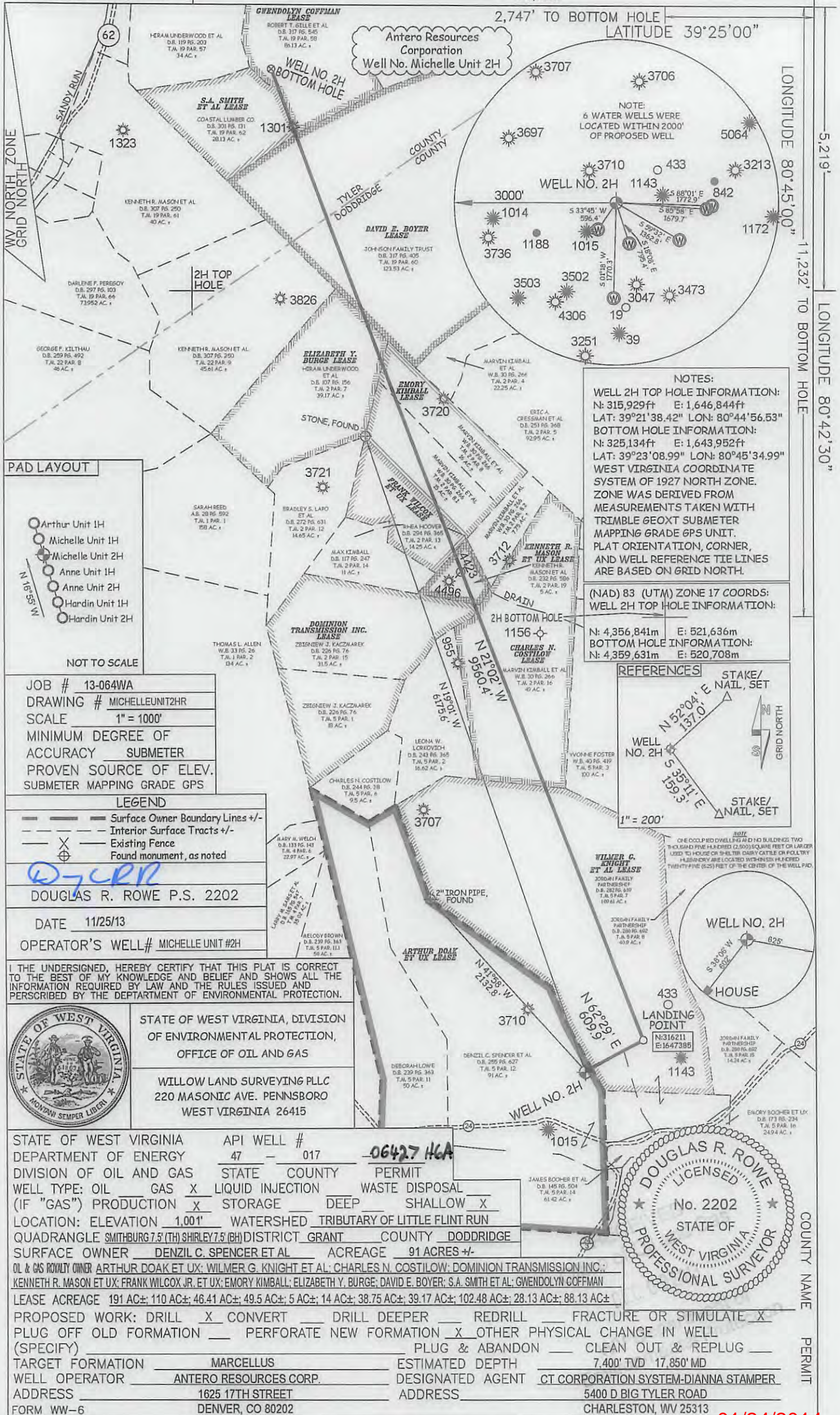
2,747' TO BOTTOM HOLE

LATITUDE 39°25'00"

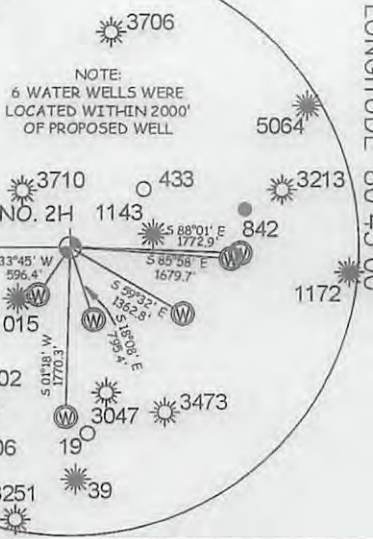
LONGITUDE 80°45'00"

5,219'

LONGITUDE 80°42'30"



Antero Resources Corporation
Well No. Michelle Unit 2H



NOTES:

WELL 2H TOP HOLE INFORMATION:
N: 315,929ft E: 1,646,844ft
LAT: 39°21'38.42" LON: 80°44'56.53"

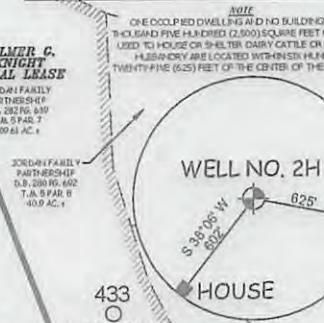
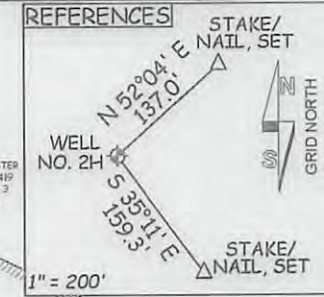
BOTTOM HOLE INFORMATION:
N: 325,134ft E: 1,643,952ft
LAT: 39°23'08.99" LON: 80°45'34.99"

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: 4,359,631m E: 520,708m



JOB # 13-064WA
DRAWING # MICHELLEUNIT2HR
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND

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

DOUGLAS R. ROWE P.S. 2202
DATE 11/25/13
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

API WELL # 47 - 017 - 0642.7 HGA

DIVISION OF OIL AND GAS STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL

(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1,001' WATERSHED TRIBUTARY OF LITTLE FLINT RUN

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

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±

PROPOSED WORK: DRILL X CONVERT X DRILL DEEPER REDRILL FRACTURE OR STIMULATE X

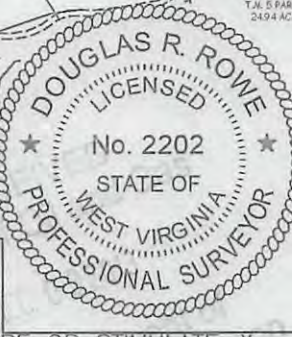
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 17,850' MD

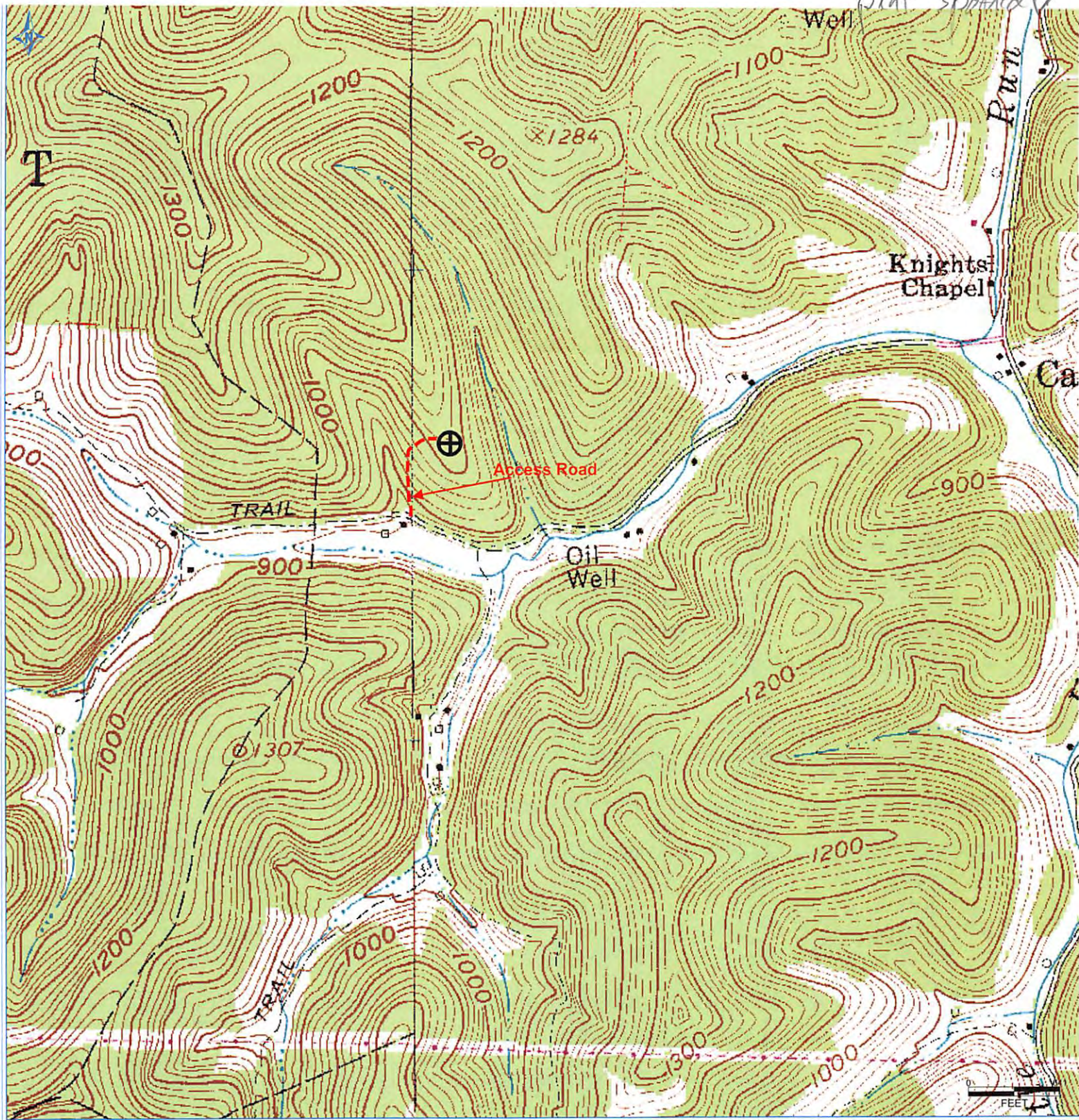
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER

ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD

FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



01/24/2014



PETRA 8/26/2013 9:47:16 AM

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Antero Resources Corporation

Michelle Unit 2H

Misery Pad

Doddridge County



REMARKS
 QUADRANGLE: Smithburg
 WATERSHED: Tributary of Little Flint Run
 DISTRICT: Grant