

LATITUDE 39°15'00"

7,924'

13' TO BOTTOM, HOLE
LATITUDE 39°17'30"

LONGITUDE 80°55'00"

7,084'

11,228' TO BOTTOM HOLE

LONGITUDE 80°52'30"

2H BOTTOM HOLE

2H HOLE

2H HOLE

2H HOLE

2H HOLE

2H HOLE

2H HOLE

2H HOLE

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2H HOLE

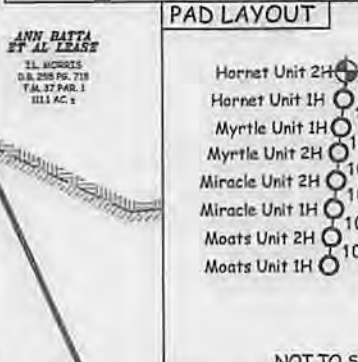
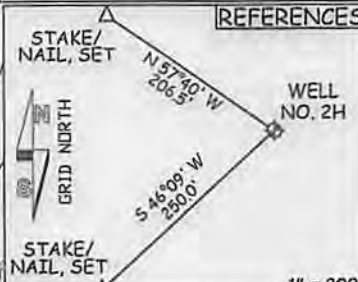
2H HOLE

Antero Resources Appalachian Well No. Hornet Unit 2H

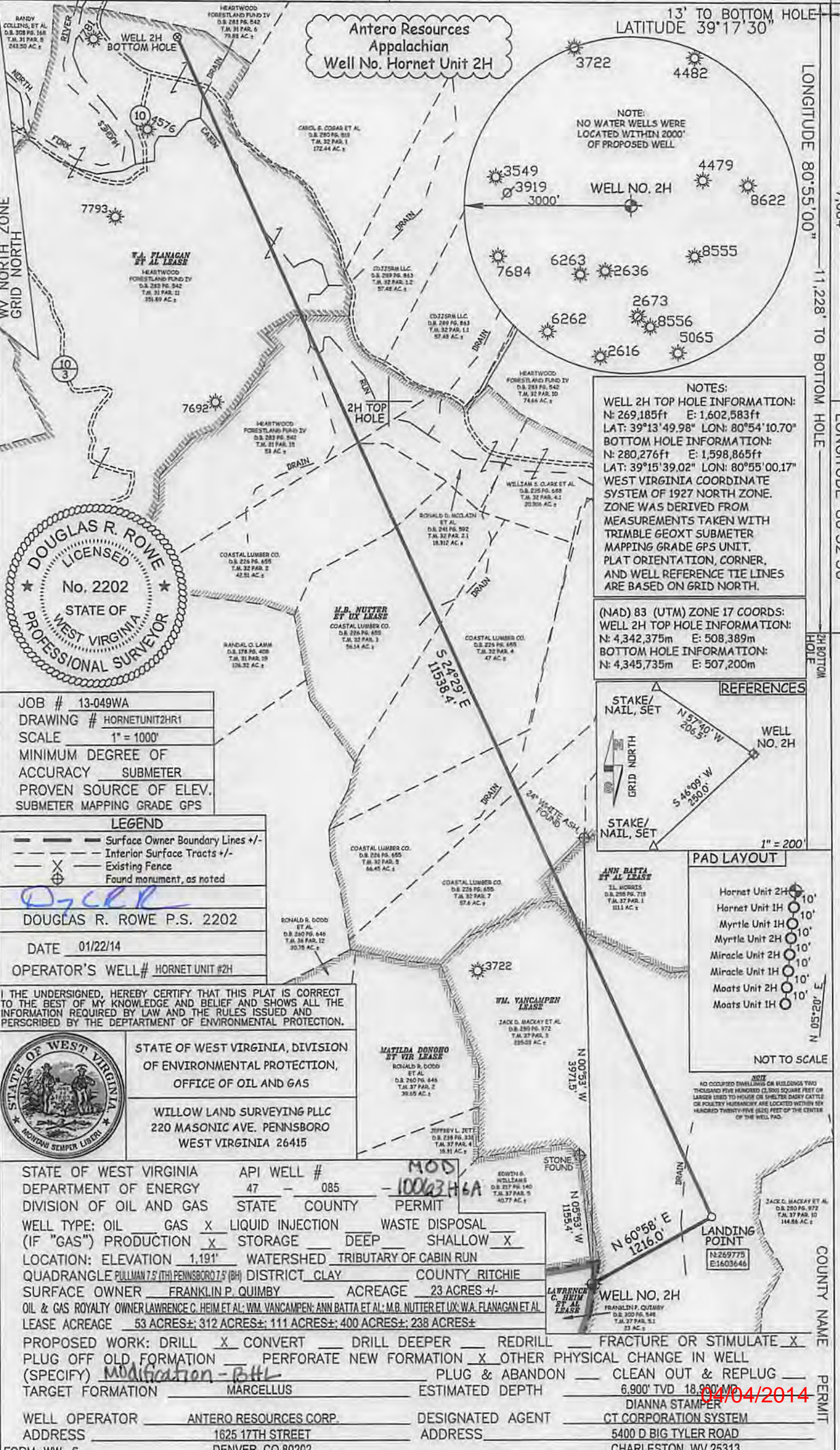
NOTE:
NO WATER WELLS WERE
LOCATED WITHIN 2000'
OF PROPOSED WELL

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 269,185ft E: 1,602,583ft
LAT: 39°13'49.98" LON: 80°54'10.70"
BOTTOM HOLE INFORMATION:
N: 280,276ft E: 1,598,865ft
LAT: 39°15'39.02" LON: 80°55'00.17"
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: 4,342,375m E: 508,389m
BOTTOM HOLE INFORMATION:
N: 4,345,735m E: 507,200m



NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS TWO
THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR
LARGER USED TO HOUSE OR SHELTER BARNY CATTLE
OR POULTRY HERDS/ANDRY ARE LOCATED WITHIN SIX
HUNDRED THIRTY-FIVE (635) FEET OF THE CENTER
OF THE WELL PAD.



JOB # 13-049WA
DRAWING # HORNETUNIT2HR1
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 01/22/14
OPERATOR'S WELL# HORNET 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.



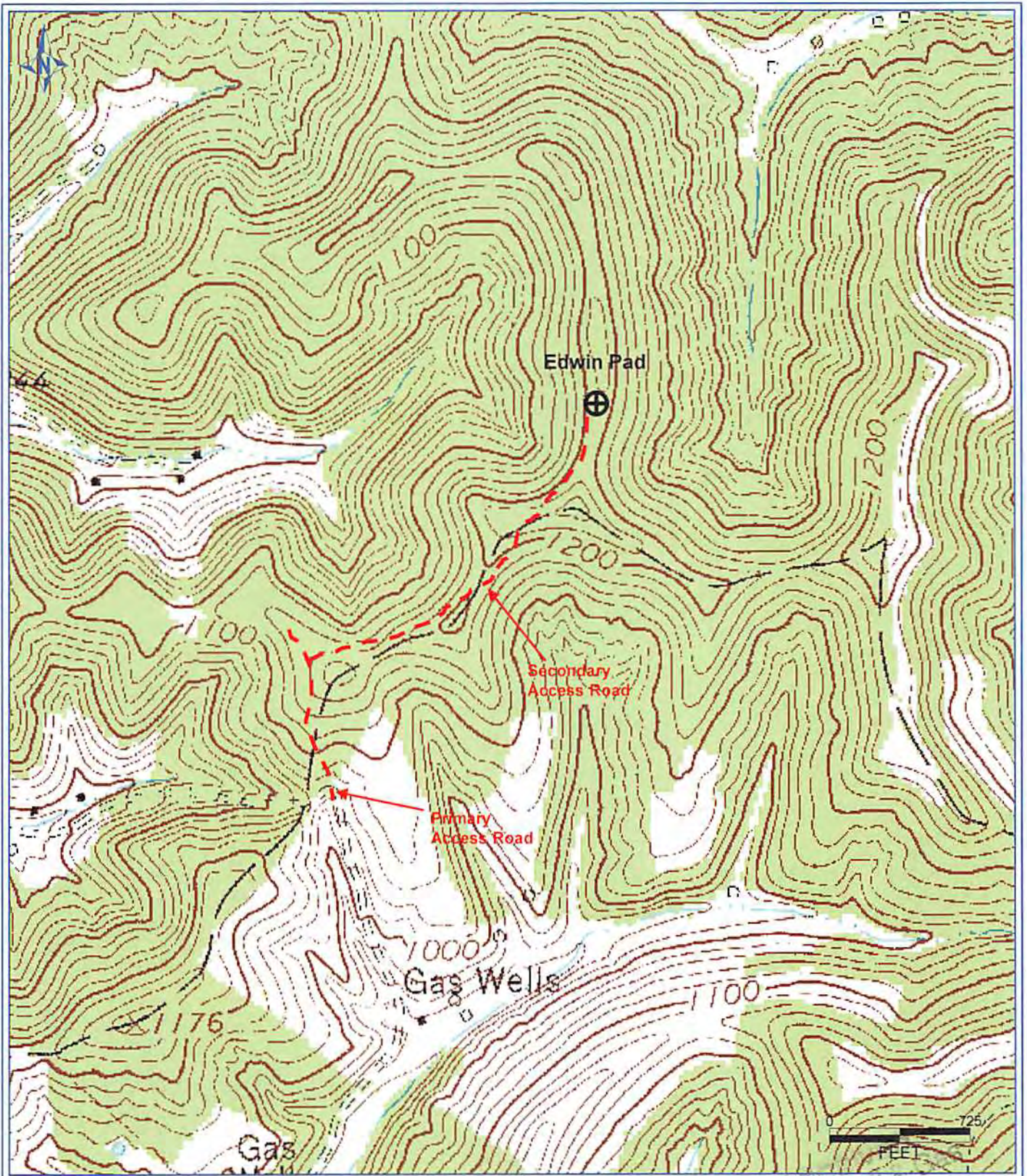
STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

STATE OF WEST VIRGINIA API WELL #
DEPARTMENT OF ENERGY 47 - 085
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 1,191' WATERSHED TRIBUTARY OF CABIN RUN
QUADRANGLE PULLMAN 7.5 (TH) PENNSBORO 7.5 (BH) DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER FRANKLIN P. QUIMBY ACREAGE 23 ACRES +/-
OIL & GAS ROYALTY OWNER LAWRENCE C. HEIM ET AL.; WM. VANCAMPEN; ANN BATTA ET AL.; M.B. NUTTER ET UX; W.A. FLANAGAN ET AL.
LEASE ACREAGE 53 ACRES±; 312 ACRES±; 111 ACRES±; 400 ACRES±; 238 ACRES±

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) Modification - B-H-L PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 18,900' MW
DIANNA STAMPER
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

04/04/2014



DETA R/G/2013 2-27-15 DM

Antero Resources Corporation

Appalachian Basin

Hornet Unit 2H

Ritchie County

Quadrangle: Pullman

Watershed: Little Kanawha

District: Clay

Date: 8-9-2013

Office of
September 5, 2013
West Virginia Department of
Environmental Protection