

LATITUDE 39°22'30"

6,959'

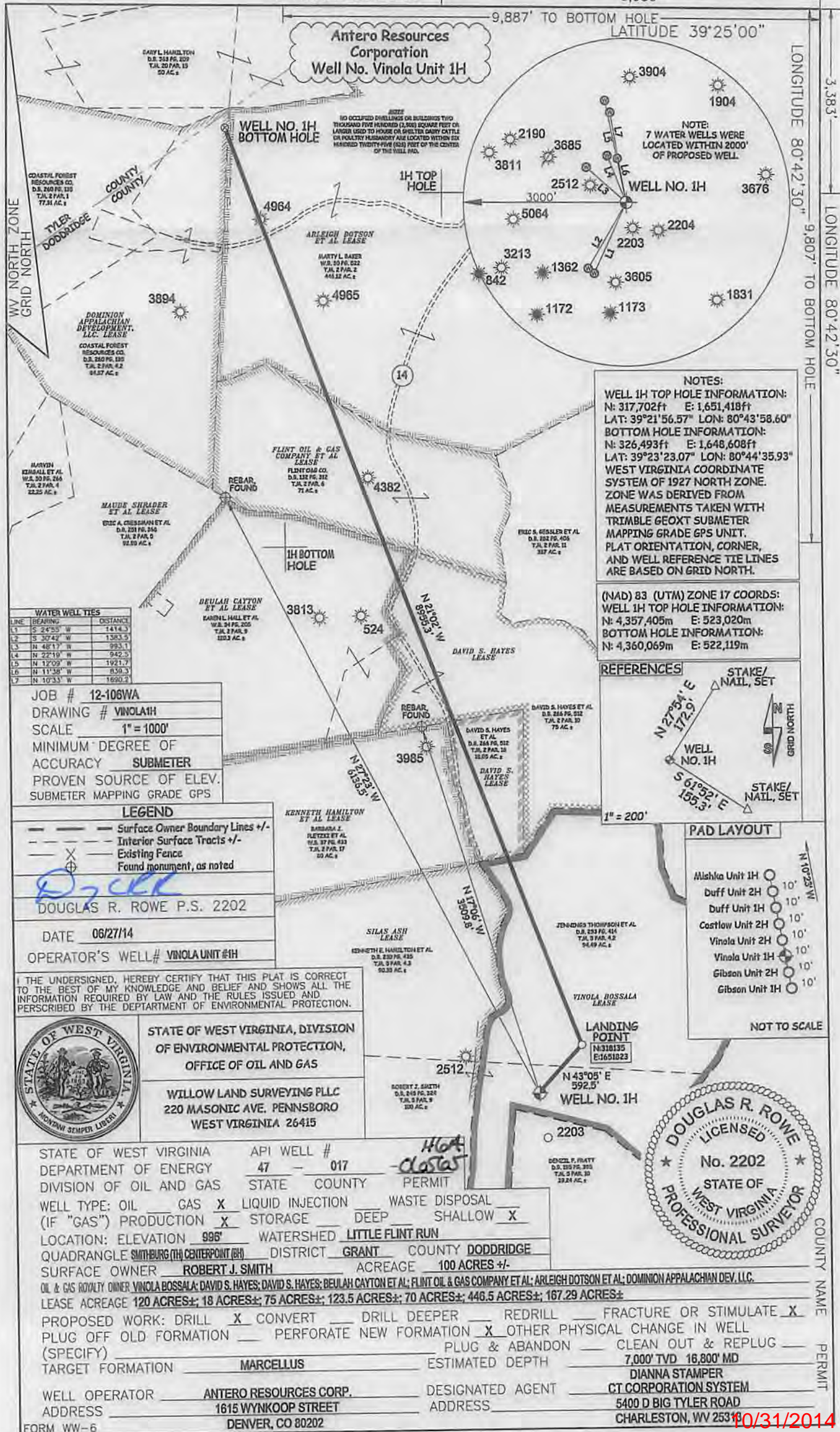
9,887' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°42'30"

3,383' LONGITUDE 80°42'30"

9,807' TO BOTTOM HOLE



Antero Resources Corporation Well No. 1H

WELL NO. 1H BOTTOM HOLE

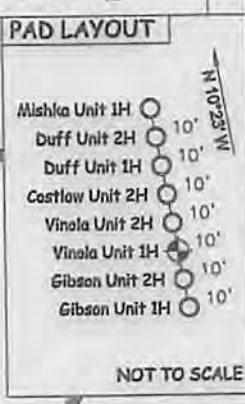
1H TOP HOLE

WELL NO. 1H

1H BOTTOM HOLE

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 317,702ft E: 1,651,418ft
 LAT: 39°21'56.57" LON: 80°43'58.60"
 BOTTOM HOLE INFORMATION:
 N: 326,493ft E: 1,648,608ft
 LAT: 39°23'23.07" LON: 80°44'35.93"
 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: 4,357,405m E: 523,020m
 BOTTOM HOLE INFORMATION:
 N: 4,360,069m E: 522,119m



WATER WELL TIES

LINE	BEARING	DISTANCE
L1	S 24°55' W	1414.3
L2	S 30°42' W	1383.9
L3	N 48°17' W	893.1
L4	N 22°19' W	942.5
L5	N 17°09' W	1921.7
L6	N 11°38' W	839.3
L7	N 10°33' W	1690.2

JOB # 12-106WA
 DRAWING # VINOLA1H
 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 06/27/14

OPERATOR'S WELL# VINOLA UNIT #1H

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

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

LOCATION: ELEVATION 996' WATERSHED LITTLE FLINT RUN

QUADRANGLE SMITHBURG (TH) CENTERPOINT (BH) DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER ROBERT J. SMITH ACREAGE 100 ACRES +/-

OIL & GAS ROYALTY OWNER VINOLA BOSSALA; DAVID S. HAYES; DAVID S. HAYES; BEULAH CAYTON ET AL; FLINT OIL & GAS COMPANY ET AL; ARLEIGH DOTSON ET AL; DOMINION APPALACHIAN DEV. LLC.

LEASE ACREAGE 120 ACRES+; 18 ACRES+; 75 ACRES+; 123.5 ACRES+; 70 ACRES+; 446.5 ACRES+; 167.29 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) ___ PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

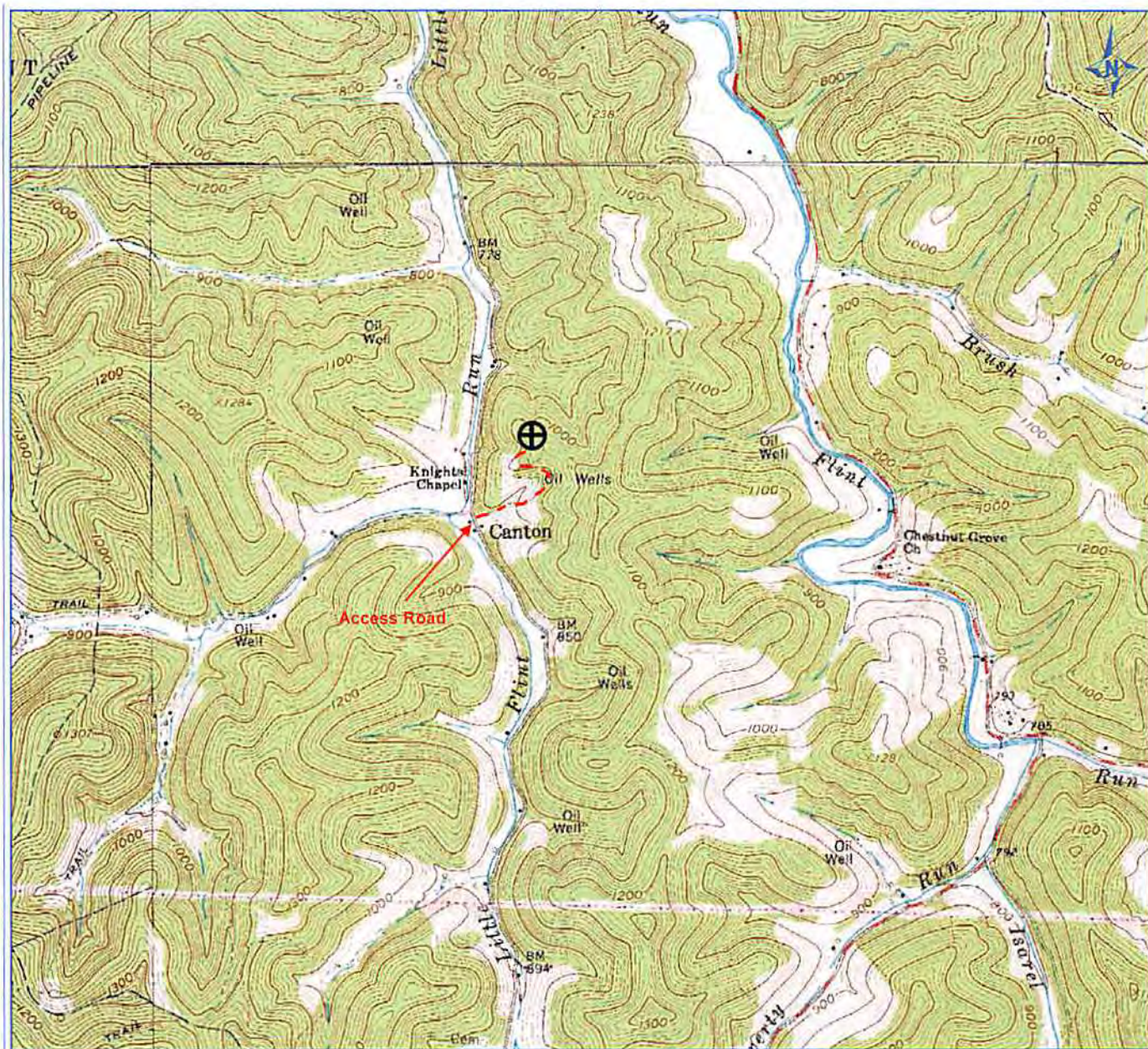
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 16,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
DENVER, CO 80202 5400 D BIG TYLER ROAD
CHARLESTON, WV 25318

FORM WW-6



10/31/2014



PETRA 2/6/2013 3:22:34 PM

Antero Resources Corporation

Appalachian Basin

Vinola Unit 1H

Doddridge County

Received

AUG 1 2014

Office of Oil and Gas
WV Dept. of Environmental Protection



REMARKS
QUADRANGLE: SMITHBURG
WATERSHED: LITTLE FLINT RUN
DISTRICT: GRANT