

LATITUDE 39°12'30"

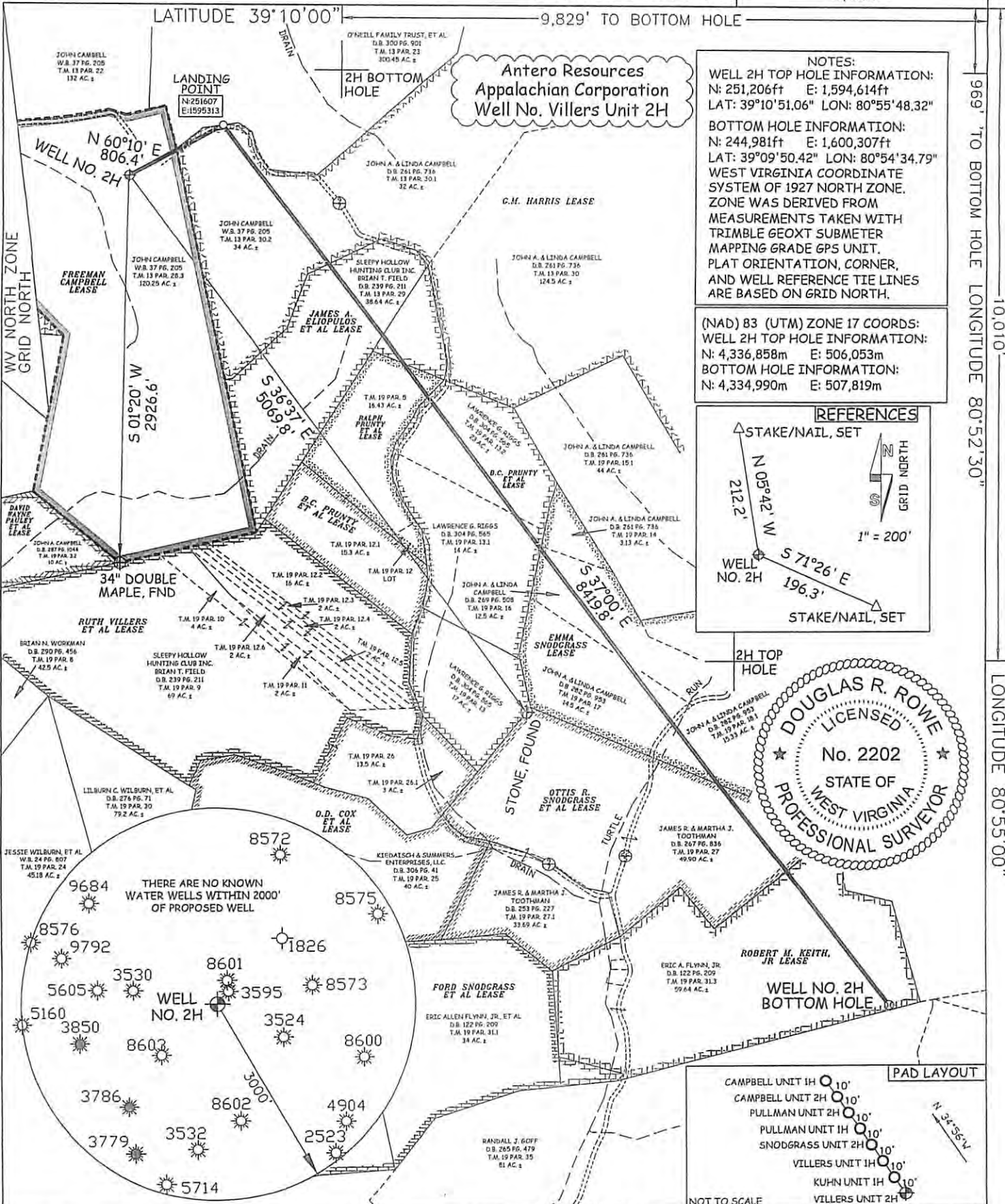
3,805'

LATITUDE 39°10'00"

9,829' TO BOTTOM HOLE

969' TO BOTTOM HOLE LONGITUDE 80°52'30"

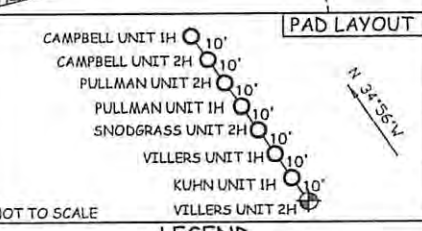
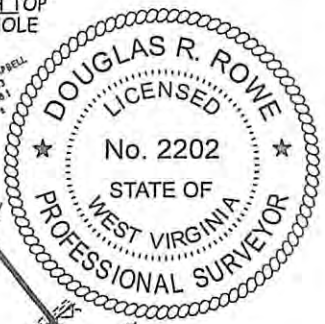
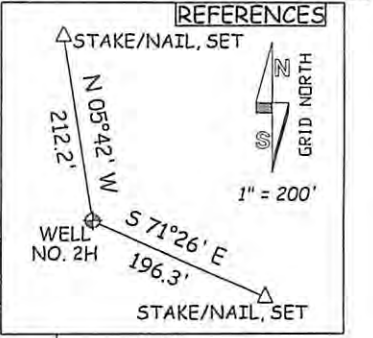
10,010' LONGITUDE 80°55'00"



**Antero Resources
Appalachian Corporation
Well No. Villers Unit 2H**

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 251,206ft E: 1,594,614ft
LAT: 39°10'51.06" LON: 80°55'48.32"
BOTTOM HOLE INFORMATION:
N: 244,981ft E: 1,600,307ft
LAT: 39°09'50.42" LON: 80°54'34.79"
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: 4,336,858m E: 506,053m
BOTTOM HOLE INFORMATION:
N: 4,334,990m E: 507,819m



JOB # 12-050WA
DRAWING # VILLERS2HR2
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

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

DOUGLAS R. ROWE P.S. 2202

DATE 11/09/12
OPERATOR'S WELL # VILLERS UNIT #2H

API WELL # 47 - 085 - 09998HGA MOJ
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,014' WATERSHED RIGHT FORK OF SLAB CREEK
QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
SURFACE OWNER JOHN A. & LINDA J. CAMPBELL ACREAGE 120.25 ACRES +/-
OIL & GAS ROYALTY OWNER FREEMAN CAMPBELL; G.M. HARRIS; JAMES A. ELIOPULOS ET AL; RALPH PRUNTY ET AL; B.C. PRUNTY ET AL; EMMA SNODGRASS; OTTIS R. SNODGRASS ET AL; ROBERT M. KEITH, JR LEASE ACREAGE 120.25 ACRES+; 200 ACRES+; 39 ACRES+; 17 ACRES+; 54 ACRES+; 65 ACRES+; 63.25 ACRES+; 59.64 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 6,800' TVD 16,000' MD
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

02/01/2013