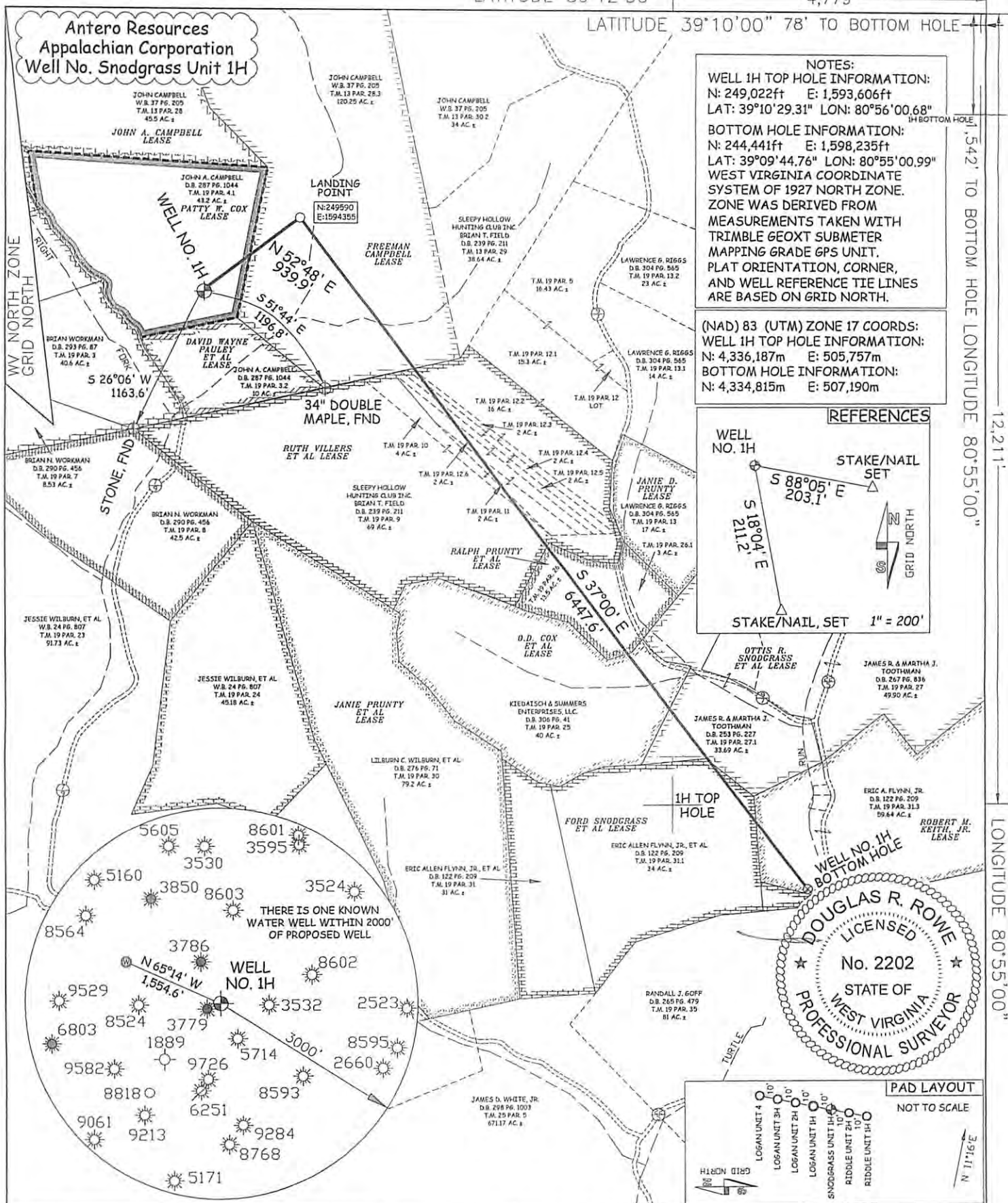


LATITUDE 39°12'30"

4,779'

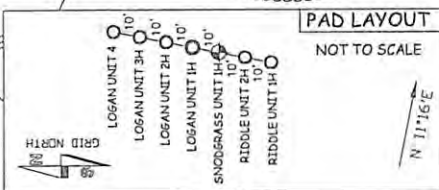
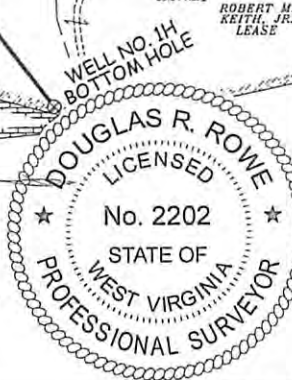
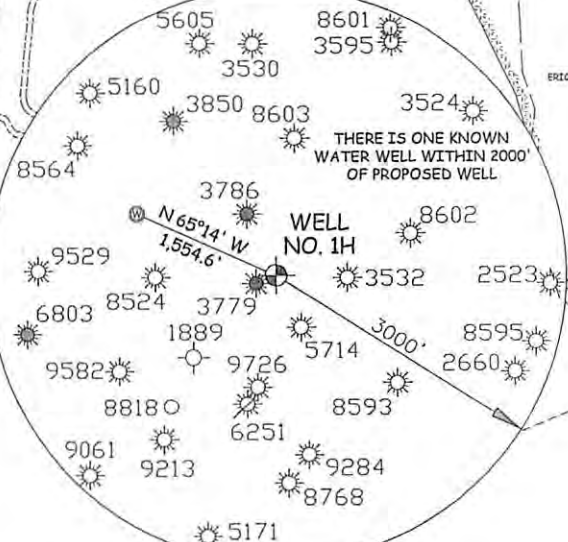
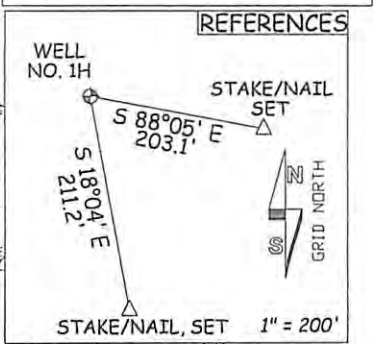
LATITUDE 39°10'00" 78' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Snodgrass Unit 1H



NOTES: WELL 1H TOP HOLE INFORMATION: N: 249,022ft E: 1,593,606ft LAT: 39°10'29.31" LON: 80°56'00.68" BOTTOM HOLE INFORMATION: N: 244,441ft E: 1,598,235ft LAT: 39°09'44.76" LON: 80°55'00.99" 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 1H TOP HOLE INFORMATION: N: 4,336,187m E: 505,757m BOTTOM HOLE INFORMATION: N: 4,334,815m E: 507,190m



JOB # 12-047WA DRAWING # SNODGRASS1HR2 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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WILLLOW 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 12/04/12 OPERATOR'S WELL# SNODGRASS UNIT #1H API WELL # 47 - 085 - 09994 HGA MOD 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 1,029' WATERSHED RIGHT FORK OF SLAB CREEK QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE SURFACE OWNER JOHN A. & LINDA J. CAMPBELL ACREAGE 43.2 ACRES +/- OIL & GAS ROYALTY OWNER PATTY W. COX; FREEMAN CAMPBELL; RUTH VILLERS ET AL; LEASE ACREAGE 43.2 ACRES +/- 120.25 ACRES +/- 100 ACRES +/- RALPH PRUNTY ET AL; O.D. COX ET AL; OTTIS R. SNODGRASS ET AL; FORD SNODGRASS ET AL; ROBERT M. KEITH, JR. 15 ACRES +/- 40 ACRES +/- 83.25 ACRES +/- 65 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 14,300' MD WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313