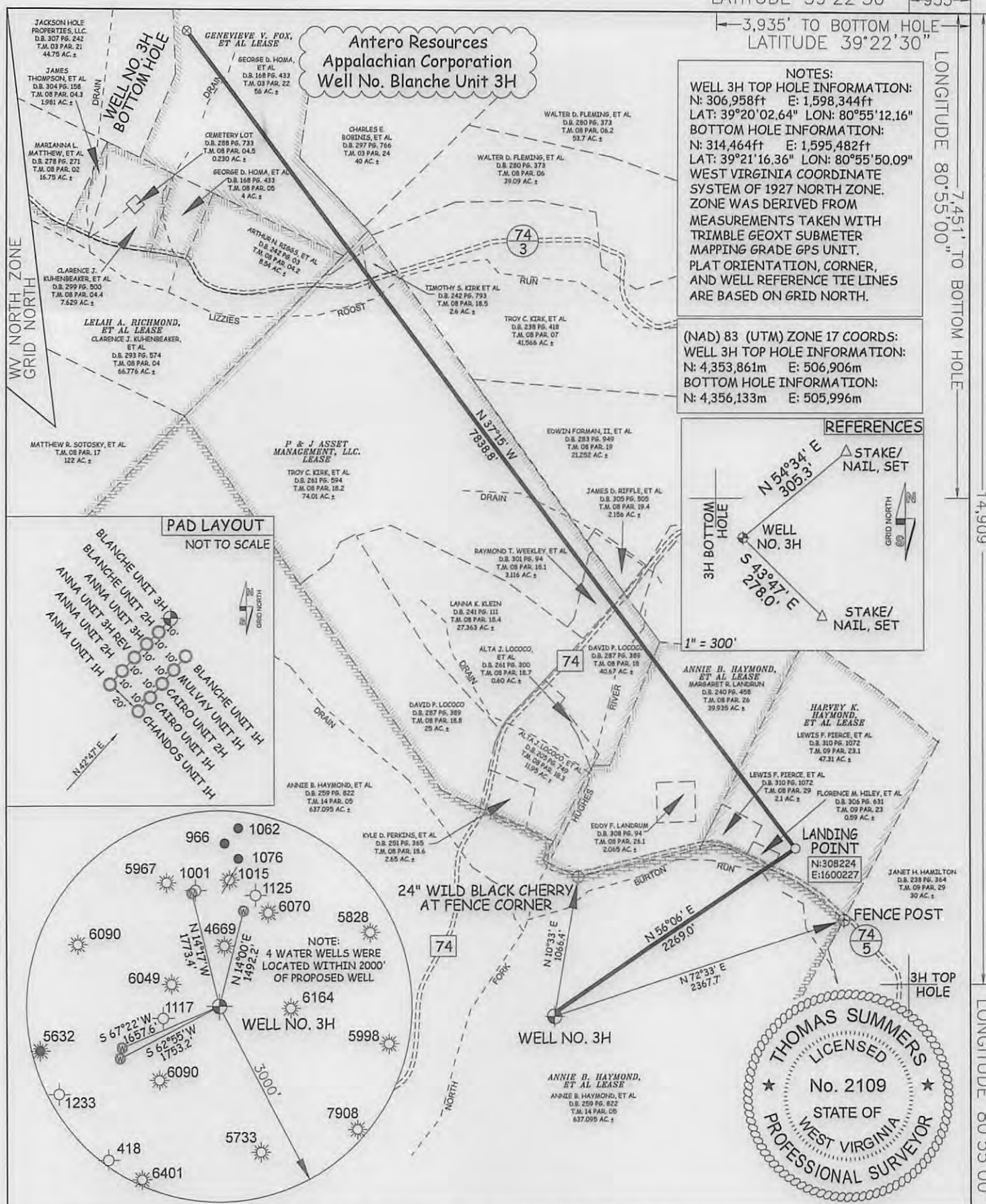


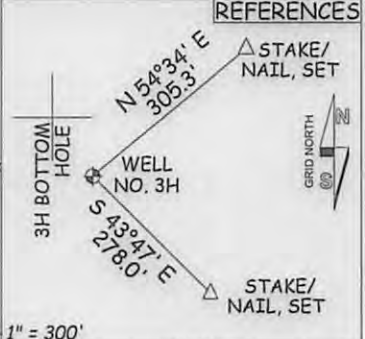
LATITUDE 39°22'30" → 955'  
 ← 3,935' TO BOTTOM HOLE  
 LATITUDE 39°22'30"

LONGITUDE 80°55'00" → 7,451' TO BOTTOM HOLE  
 ← 14,909' → LONGITUDE 80°55'00"

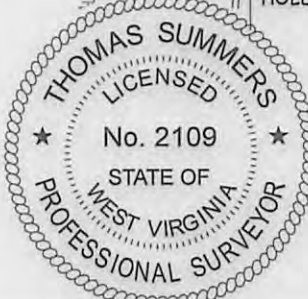
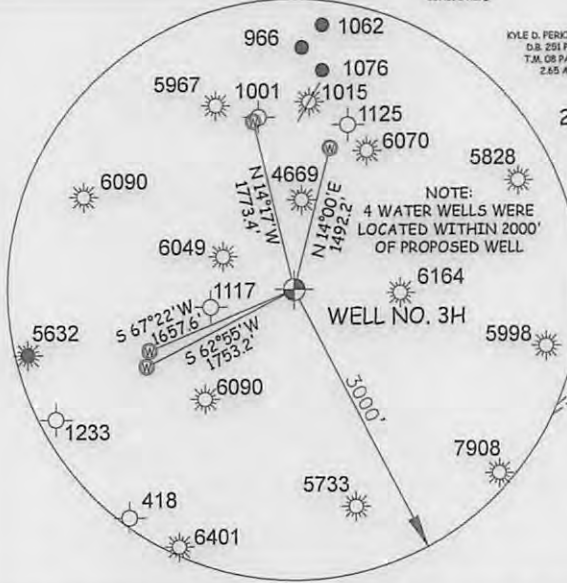
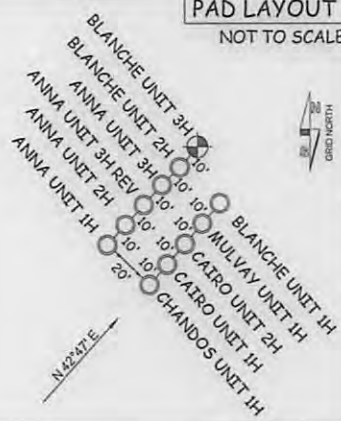


**NOTES:**  
 WELL 3H TOP HOLE INFORMATION:  
 N: 306,958ft E: 1,598,344ft  
 LAT: 39°20'02.64" LON: 80°55'12.16"  
 BOTTOM HOLE INFORMATION:  
 N: 314,464ft E: 1,595,482ft  
 LAT: 39°21'16.36" LON: 80°55'50.09"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS 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 3H TOP HOLE INFORMATION:  
 N: 4,353,861m E: 506,906m  
 BOTTOM HOLE INFORMATION:  
 N: 4,356,133m E: 505,996m



**PAD LAYOUT**  
 NOT TO SCALE



JOB # 13-001WA  
 DRAWING # BLANCHE3H  
 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.



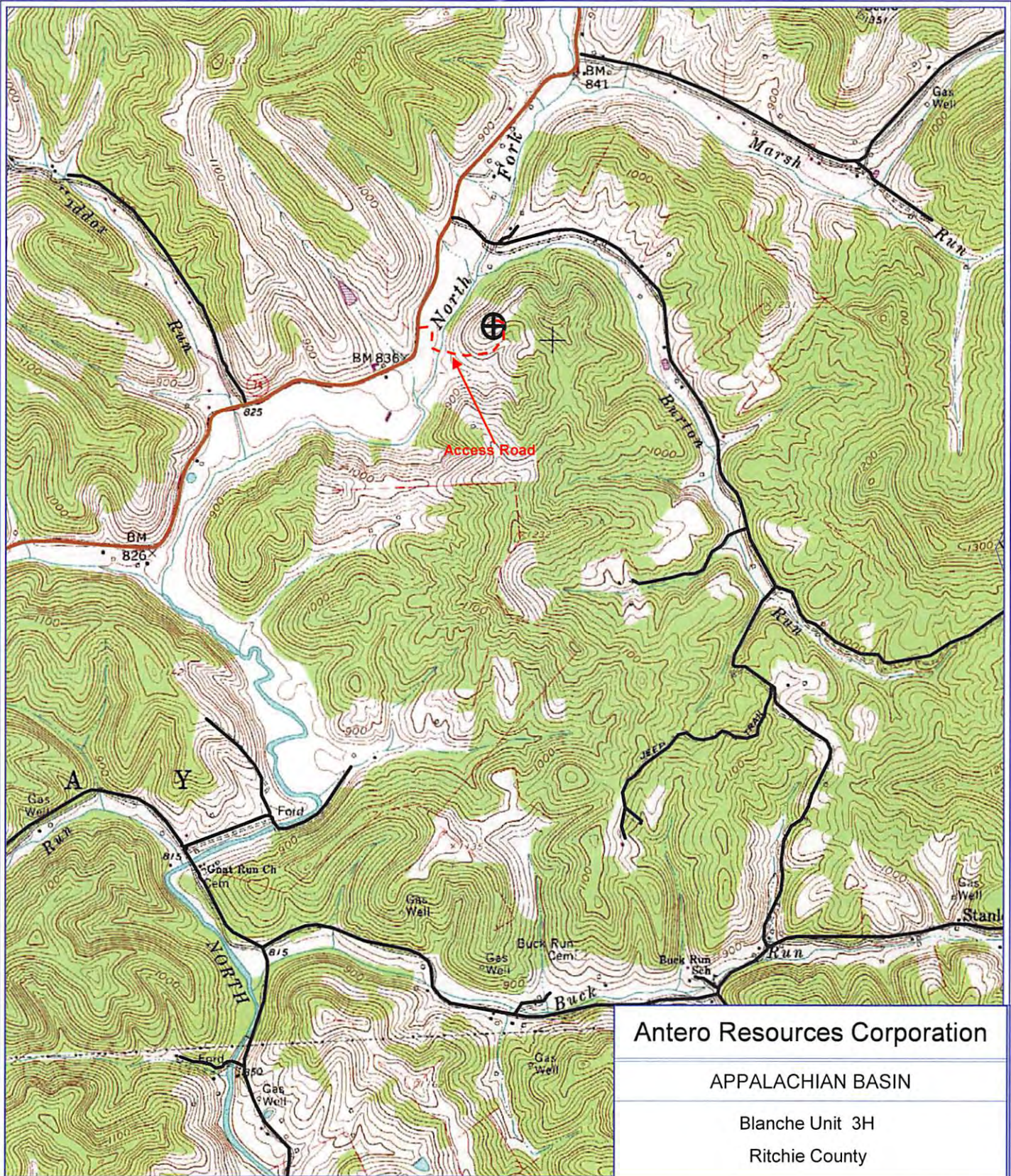
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 x - x - x Existing Fence  
 ⊕ Rebar, Found

THOMAS SUMMERS P.S. 2109  
 DATE 03/14/13  
 OPERATOR'S WELL# BLANCHE UNIT #3H  
 API WELL # H6A 47 - 085 - 10041  
 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 971' WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER ANNIE B. HAYMOND, ET AL ACREAGE 637.095 ACRES +/-  
 OIL & GAS ROYALTY OWNER ANNIE B. HAYMOND, ET AL; HARVEY K. HAYMOND, ET AL; ANNIE B. HAYMOND, ET AL LEASE ACREAGE 700 ACRES+; 46.7 ACRES+; 32 ACRES+;  
 P & J ASSET MANAGEMENT, LLC.; GENEVIEVE V. FOX, ET AL 188 ACRES+; 60 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 6,600' TVD 14,400' MD  
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT CT CORPORATION SYSTEM  
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313



PETRA 1/26/2012 9:12:58 AM

Antero Resources Corporation

APPALACHIAN BASIN

Blanche Unit 3H

Ritchie County



REMARKS  
 QUADRANGLE: PENNSBORO  
 WATERSHED: NORTH FORK HUGHES RIVER  
 DISTRICT: CLAY

Date: 01/26/2012

Office of Oil & Gas  
 APR 12 2013