

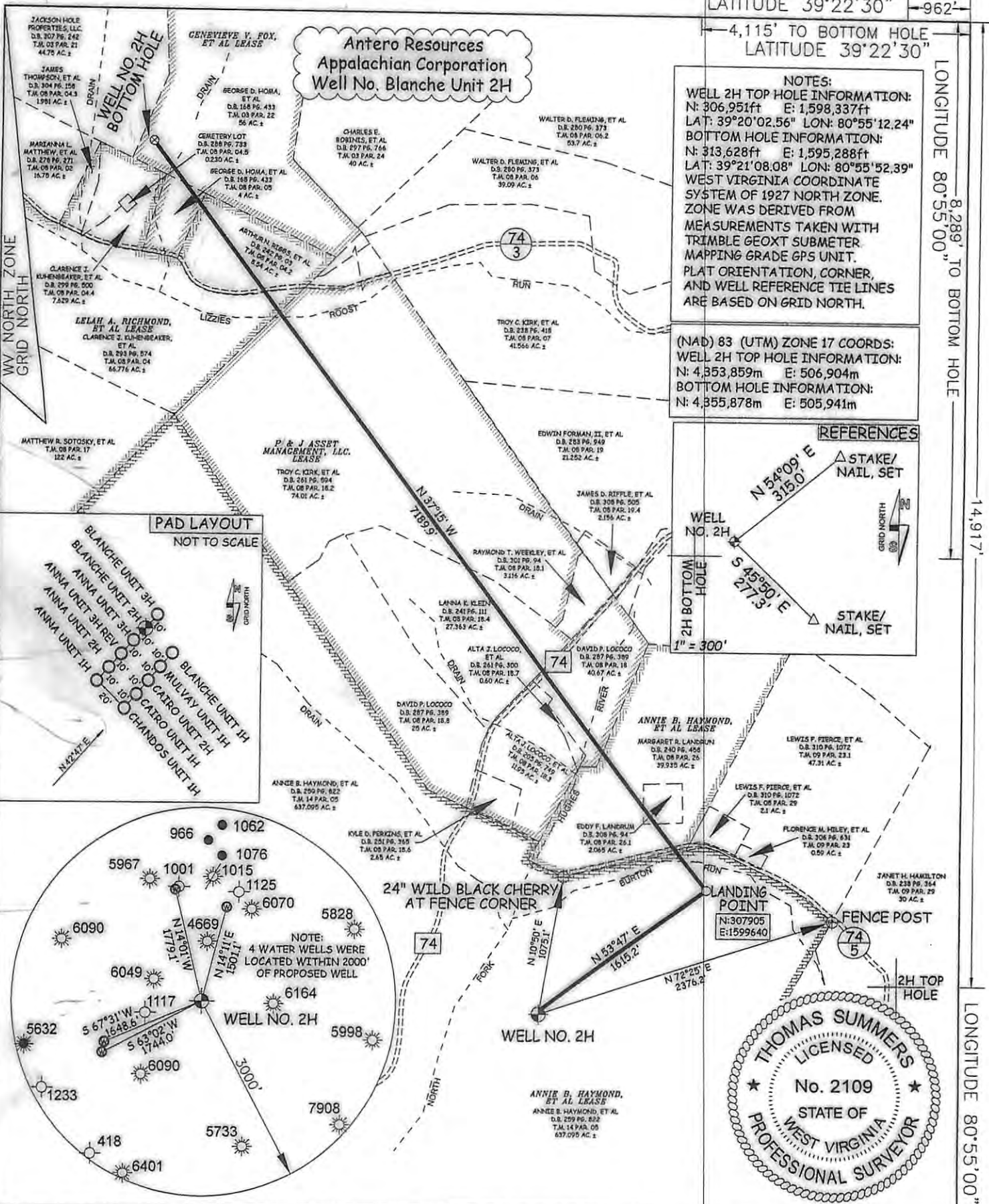
LATITUDE 39°22'30" -962'

4,115' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°55'00" -8,289' TO BOTTOM HOLE

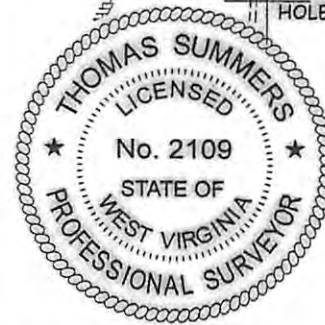
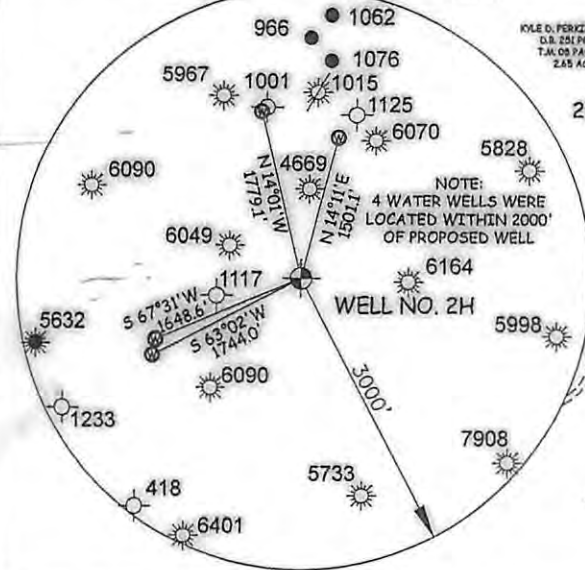
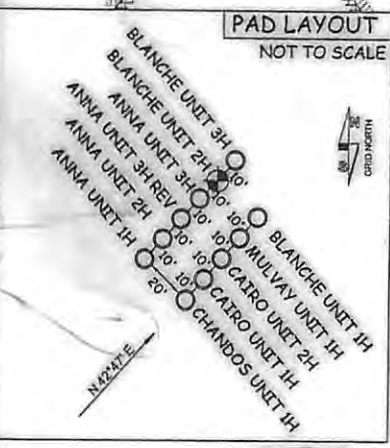
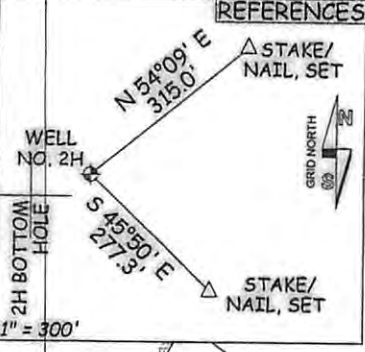
14,917'

LONGITUDE 80°55'00"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 306,951ft E: 1,598,337ft
 LAT: 39°20'02.56" LON: 80°55'12.24"
 BOTTOM HOLE INFORMATION:
 N: 313,628ft E: 1,595,288ft
 LAT: 39°21'08.08" LON: 80°55'52.39"
 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: 4,353,859m E: 506,904m
 BOTTOM HOLE INFORMATION:
 N: 4,355,878m E: 505,941m



JOB # 13-001WA
 DRAWING # BLANCHE2H
 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

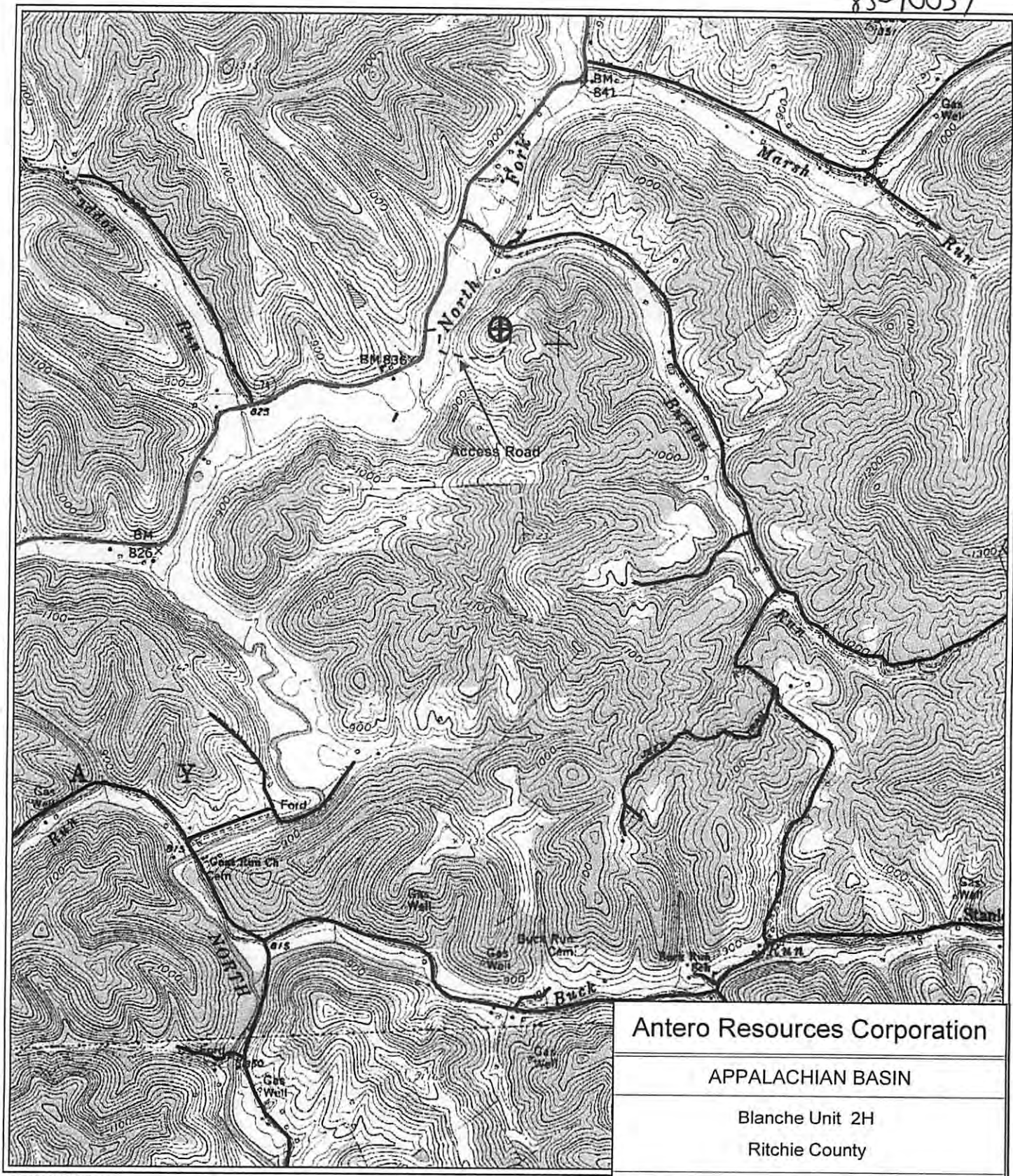
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS

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; ANNIE B. HAYMOND, ET AL LEASE ACREAGE 700 ACRES +/-; 32 ACRES +/-
 P & J ASSET MANAGEMENT, LLC.; LELAH A. RICHMOND, ET AL; GENEVIEVE V. FOX, ET AL 199.7 ACRES +/-; 78 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 14,300' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 03/07/13
 OPERATOR'S WELL# BLANCHE UNIT #2H
 API WELL # 47 - 085 - 10037 H6A
 STATE COUNTY PERMIT
 COUNTY NAME PERMIT



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

Antero Resources Corporation
APPALACHIAN BASIN
Blanche Unit 2H Ritchie County
REMARKS QUADRANGLE: PENNSBORO WATERSHED: NORTH FORK HUGHES RIVER DISTRICT: CLAY
Date: 01/26/2012