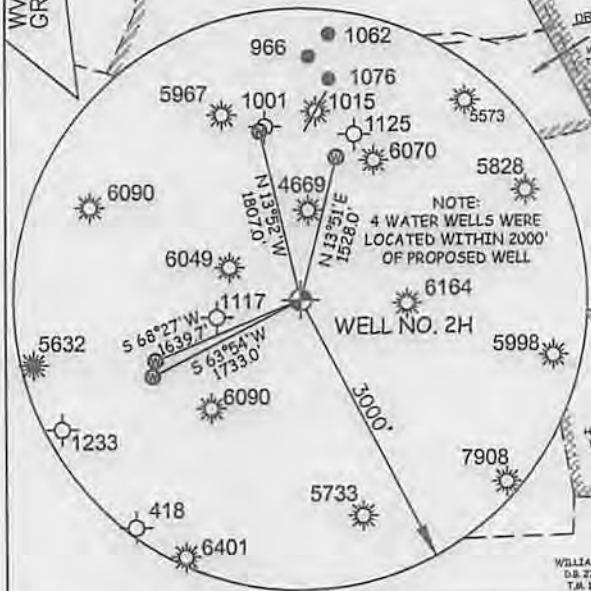
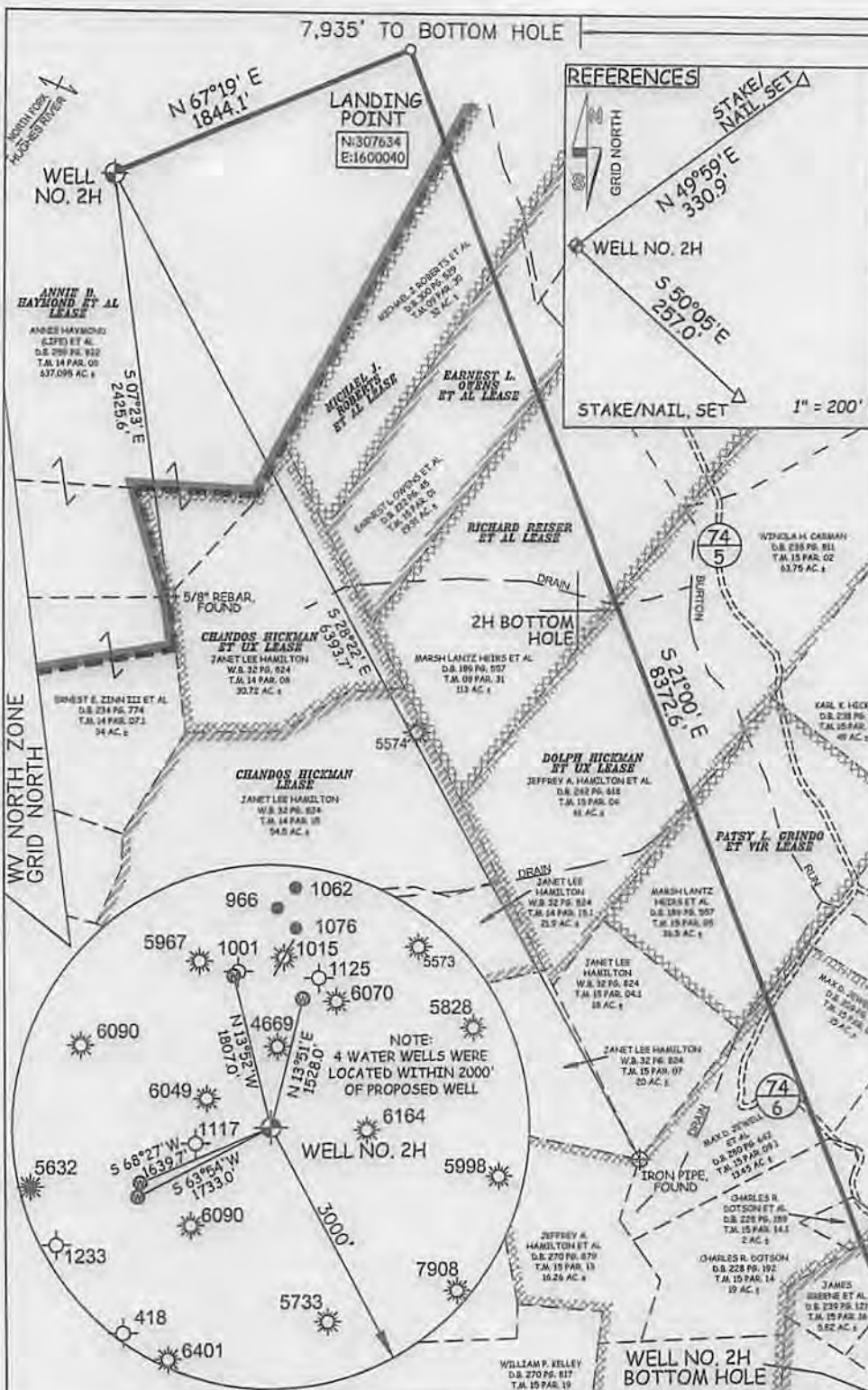
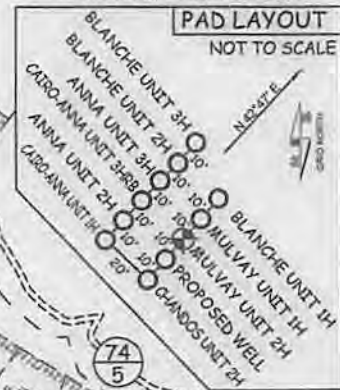


Antero Resources Corporation
Well No. Mulvay Unit 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 306,922ft E: 1,598,339ft
LAT: 39°20'02.28" LON: 80°55'12.21"
BOTTOM HOLE INFORMATION:
N: 299,817ft E: 1,603,041ft
LAT: 39°18'52.79" LON: 80°54'10.96"
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: 4,353,850m E: 506,904m
BOTTOM HOLE INFORMATION:
N: 4,351,710m E: 508,373m

NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



LEGEND

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

JOB # 12-130WA
DRAWING # MULVAY2H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
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 968' 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; MICHAEL J. ROBERTS ET AL; EARNEST L. OWENS ET AL; LEASE ACREAGE 700 ACRES +/- 34.638 ACRES +/- 34.638 ACRES +/-
RICHARD REISER ET AL; DOLPH HICKMAN ET UX; PATSY L. GRINDO ET VIR; CHARLES U. COSTILOW ET UX; MARY FERREBEE ET AL 113 ACRES +/- 124 ACRES +/- 36.5 ACRES +/- 200 ACRES +/- 68 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 6,500' TVD 15,400' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

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.

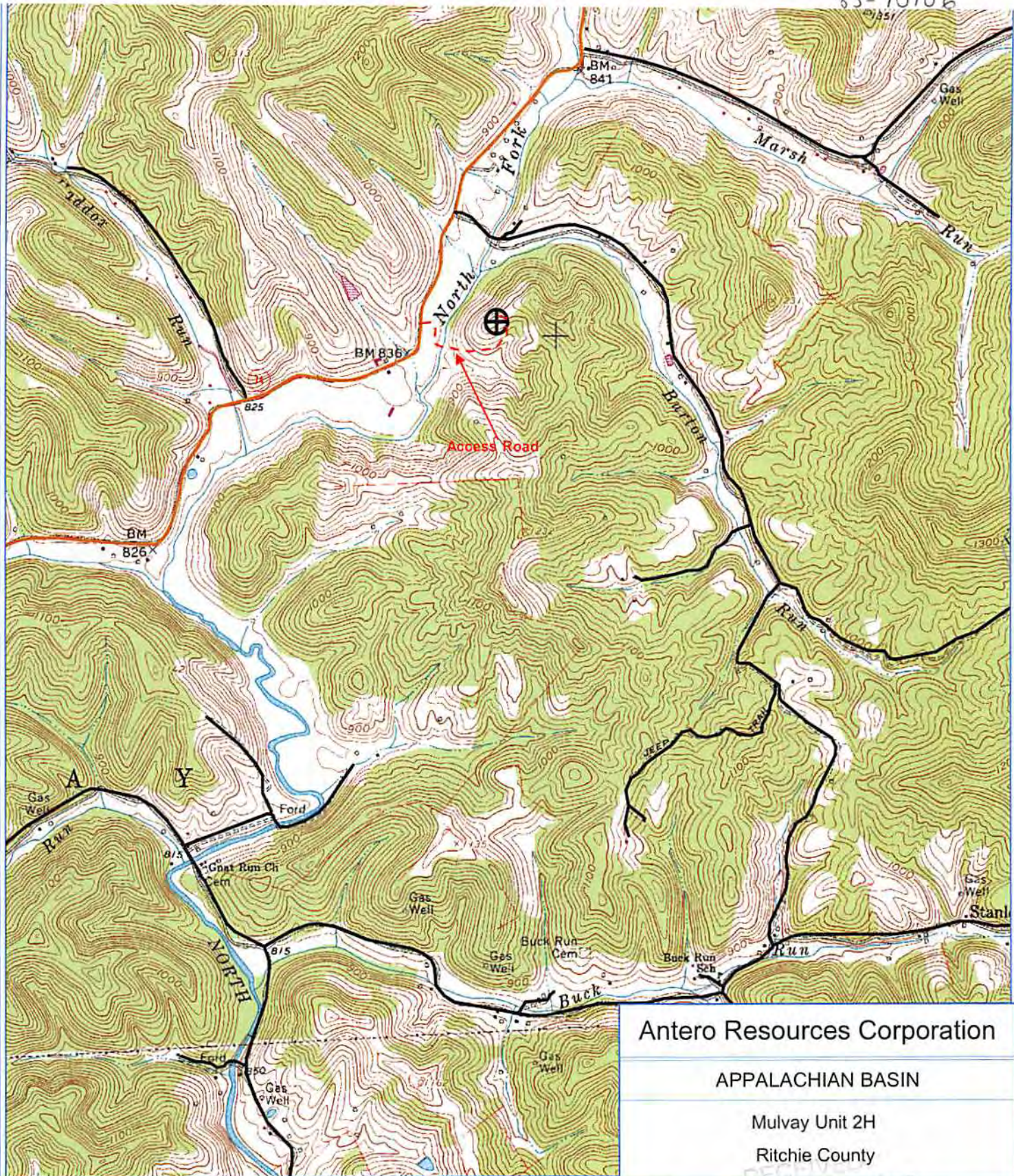


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415



THOMAS SUMMERS P.S. 2109
DATE 04/22/14
OPERATOR'S WELL# MULVAY UNIT #2H
API WELL # 47 - 085 - 1010646A

STATE COUNTY PERMIT



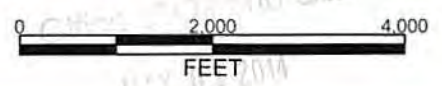
PETRA 1/26/2012 9:12:58 AM

Antero Resources Corporation

APPALACHIAN BASIN

Mulvay Unit 2H

Ritchie County



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

Date: 01/26/2012