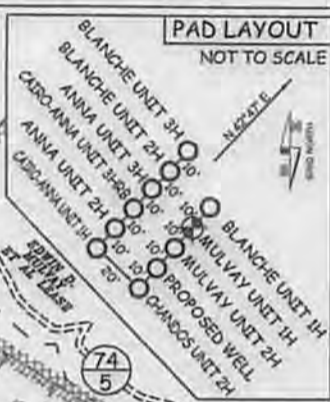


Antero Resources Corporation
Well No. Mulvay Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 306,930ft E: 1,598,346ft
LAT: 39°20'02.36" LON: 80°55'12.13"
BOTTOM HOLE INFORMATION:
N: 299,587ft E: 1,602,422ft
LAT: 39°18'50.42" LON: 80°54'18.79"
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 1H TOP HOLE INFORMATION:
N: 4,353,853m E: 506,906m
BOTTOM HOLE INFORMATION:
N: 4,351,636m E: 508,186m



LEGEND

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



JOB # 12-130WA
DRAWING # MULVAY1HR2
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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



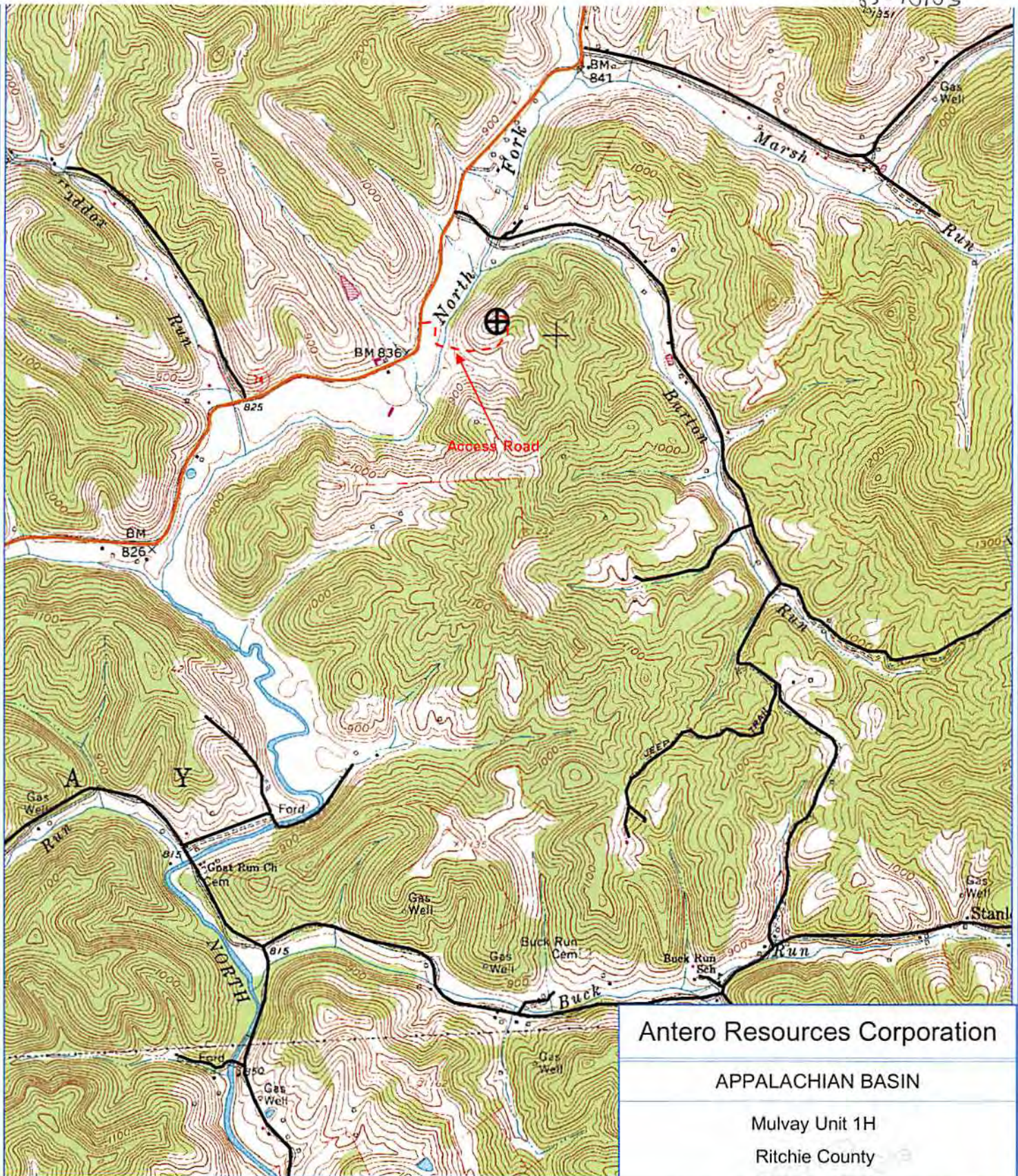
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

Thomas Summers
THOMAS SUMMERS P.S. 2109

DATE 04/29/14
OPERATOR'S WELL# MULVAY UNIT #1H
API WELL # 47 - 085 - 10105
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
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; RICHARD REISER ET AL; LEASE ACREAGE 700 AC+; 34,638 AC+; 34,638 AC+; 113 AC+;
DOLPH HICKMAN ET UX; PATSY L. GRINDO ET VIR; CHANDOS HICKMAN ET UX; CHARLES U. COSTILOW ET UX; MARY FERREBEE ET AL 124 AC+; 36.5 AC+; 18 AC+; 200 AC+; 68 AC+
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 14,900' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



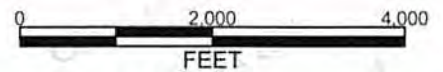
PETRA 1/26/2012 9:12:58 AM

Antero Resources Corporation

APPALACHIAN BASIN

Mulvey Unit 1H

Ritchie County



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

Date: 01/26/2012