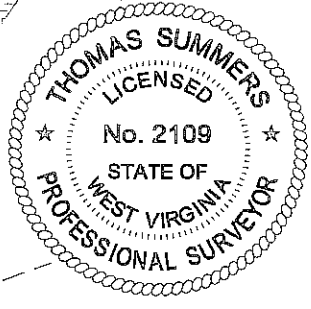
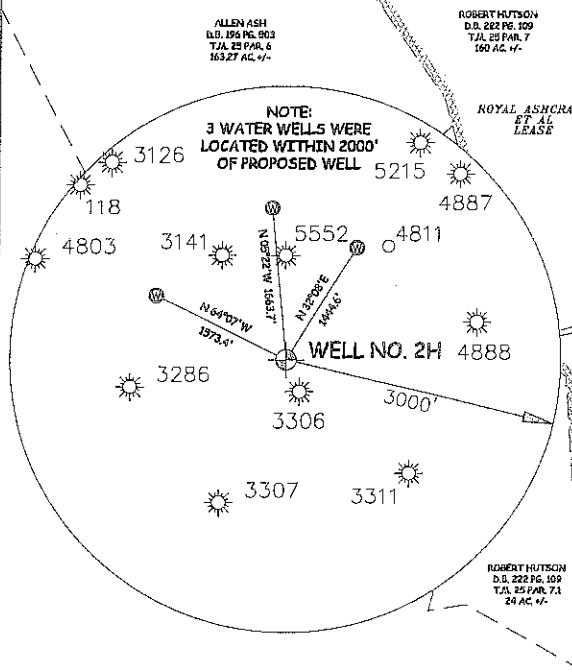
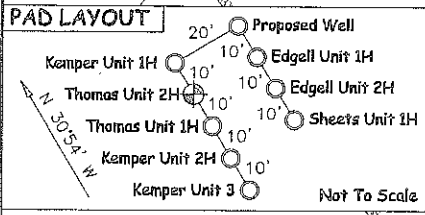


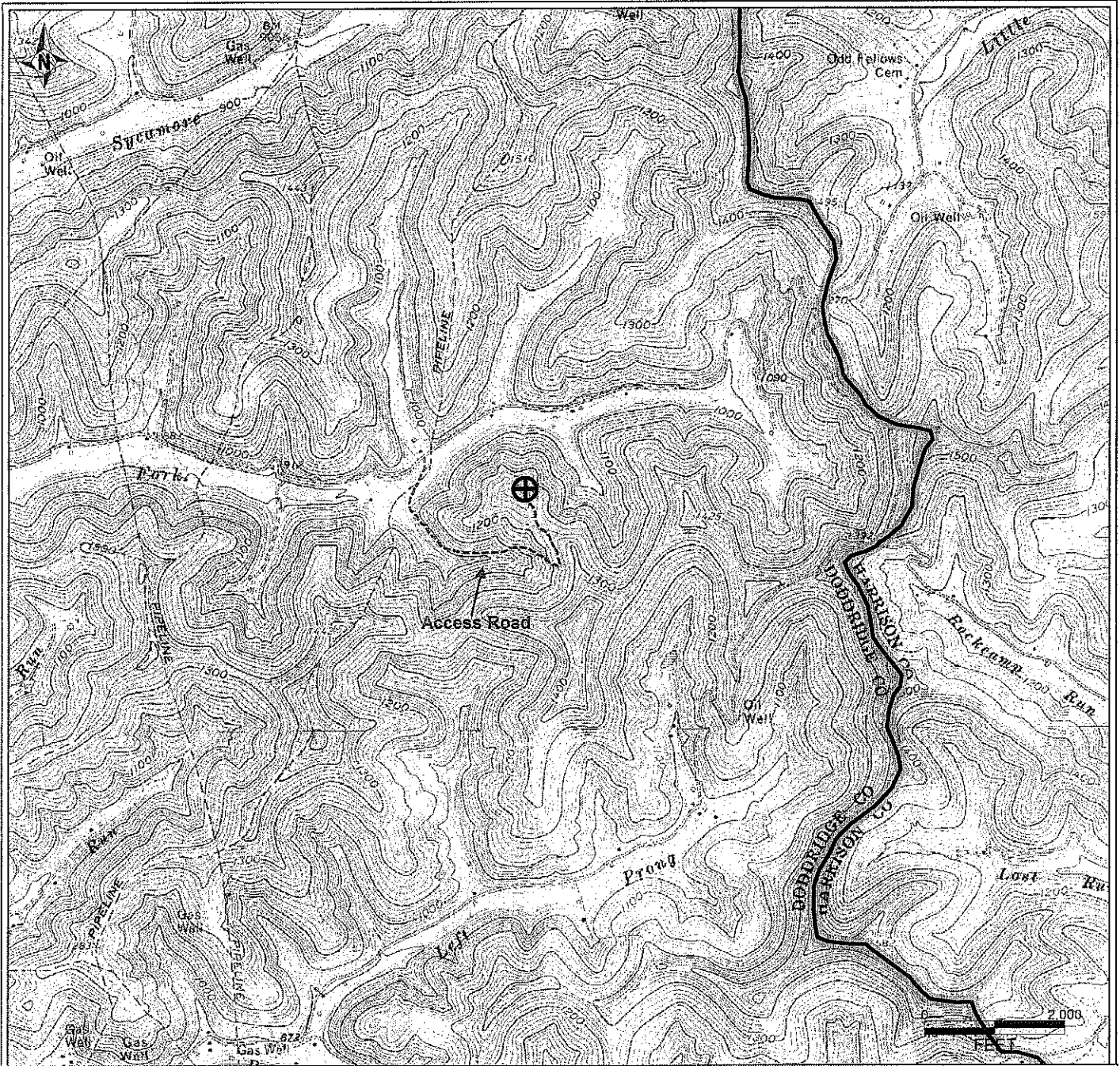
NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 323,925ft E: 1,700,709ft
 LAT: 39°23'04.29" LON: 80°33'31.97"
BOTTOM HOLE INFORMATION:
 N: 318,720ft E: 1,704,342ft
 LAT: 39°22'13.26" LON: 80°32'44.93"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,359,551m E: 538,005m
BOTTOM HOLE INFORMATION:
 N: 4,357,984m E: 539,139m



JOB # <u>12-033WA</u> DRAWING # <u>THOMASUNIT2H</u> SCALE <u>1" = 1000'</u>	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.	LEGEND --- Surface Owner Boundary Lines +/- - - - Interior Surface Tracts +/- X Existing Fence ⊕ Found monument, as noted
MINIMUM DEGREE OF ACCURACY <u>SUBMETER</u> PROVEN SOURCE OF ELEV. <u>SUBMETER MAPPING GRADE GPS</u>	 STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	THOMAS SUMMERS P.S. 2109 DATE <u>08/15/12</u>
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS WELL TYPE: OIL ___ GAS <u>X</u> LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION <u>X</u> STORAGE ___ DEEP ___ SHALLOW <u>X</u> LOCATION: ELEVATION <u>1,269'</u> WATERSHED <u>PIKE FORK</u>	WILLLOW LAND SURVEYING PLLC 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415	OPERATOR'S WELL# <u>THOMAS UNIT #2H</u> API WELL # <u>47 - 017</u>
QUADRANGLE <u>TOP HOLE - FOLSOM 7.5' BOTTOM HOLE - SALEM 7.5'</u> DISTRICT <u>MCCLELLAN</u> COUNTY <u>DODDRIDGE</u>	SURFACE OWNER <u>DAVID THOMPSON ET AL</u> ACREAGE <u>102.5 ACRES +/-</u> OIL & GAS ROYALTY OWNER <u>CLARENCE MUTSCHELKNAUS ET AL (21462); S. A. SMITH ET AL (21621); CHRISTIAN KERNS ETAL (21245)</u> LEASE ACREAGE <u>110 ACRES+;</u>	STATE COUNTY PERMIT
PROPOSED WORK: DRILL <u>X</u> CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE <u>X</u> PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION <u>X</u> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION <u>MARCELLUS</u> ESTIMATED DEPTH <u>7,500' TVD 13,900' MD</u>	WELL OPERATOR <u>ANTERO RESOURCES APPALACHIAN CORP.</u> DESIGNATED AGENT <u>DIANNA STAMPER</u> ADDRESS <u>1625 17TH STREET</u> ADDRESS <u>5400 D BIG TYLER ROAD</u> DENVER, CO 80202 CHARLESTON, WV 25313	COUNTY NAME PERMIT

17-06118



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Antero Resources Corporation

APPALACHIAN BASIN

Thomas Unit 2H

Doddridge County



REMARKS
QUADRANGLE: FOLSOM & SALEM
WATERSHED: PIKE FORK
DISTRICT: MCCLELLAN

Date: 6/20/2012 09/28/2012