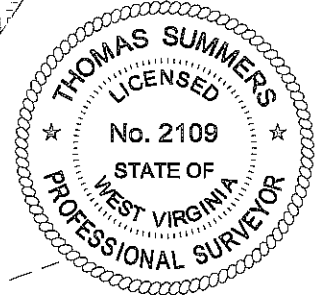
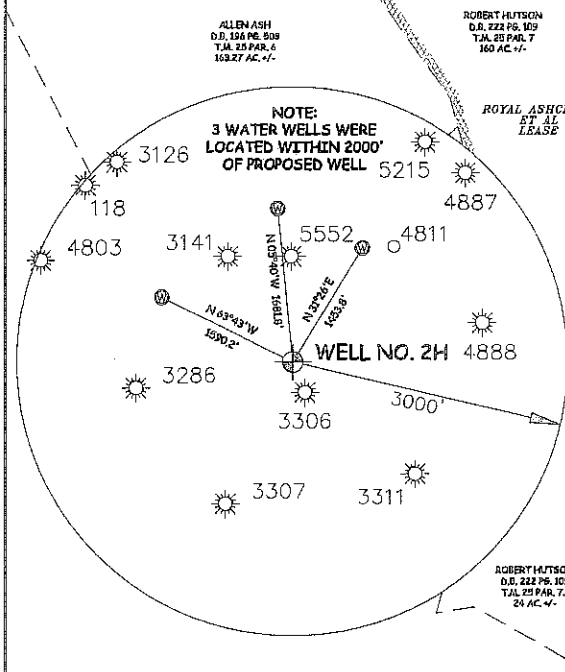
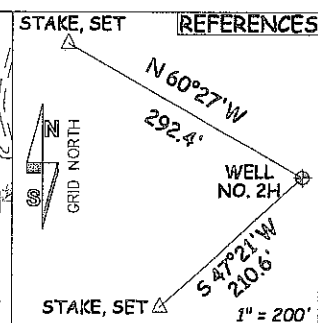
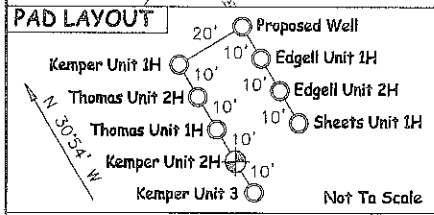



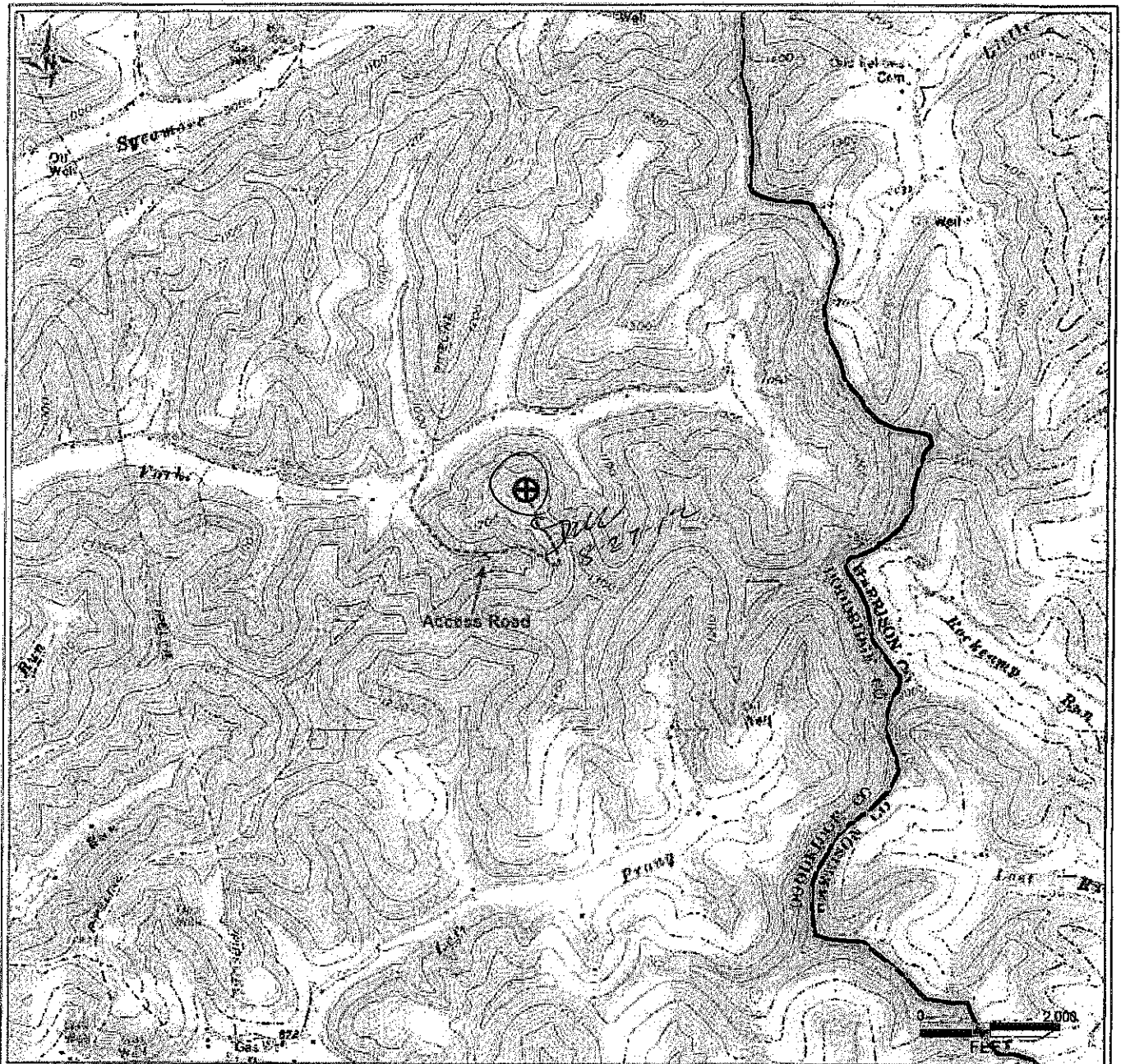
NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 323,908ft E: 1,700,719ft
 LAT: 39°23'04.12" LON: 80°33'31.84"
BOTTOM HOLE INFORMATION:
 N: 318,213ft E: 1,703,123ft
 LAT: 39°22'08.11" LON: 80°33'00.37"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,359,546m E: 538,009m
BOTTOM HOLE INFORMATION:
 N: 4,357,823m E: 538,770m



JOB # 12-032WA	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
DRAWING # KEMPERUNIT2H			--- Surface Owner Boundary Lines +/- - - - Interior Surface Tracts +/- X Existing Fence Found monument, as noted
SCALE 1" = 1000'			THOMAS SUMMERS P.S. 2109
MINIMUM DEGREE OF ACCURACY SUBMETER			DATE 06/15/12
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS			OPERATOR'S WELL# KEMPER UNIT #2H
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS			API WELL # 47 - 017 - 06121H/A
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL			STATE COUNTY PERMIT
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X			
LOCATION: ELEVATION 1,269' WATERSHED PIKE FORK			
QUADRANGLE TOP HOLE - FOLSOM 7.5' BOTTOM HOLE - SALEM 7.5' DISTRICT MCCLELLAN COUNTY DODDRIDGE			
SURFACE OWNER DAVID THOMPSON ET AL ACREAGE 102.5 ACRES +/-			
OIL & GAS ROYALTY OWNER CLARENCE MUTSCHELKNAUS ET AL (21462); ANNA SWIGER ET AL (21464); S. A. SMITH ET AL (21621); CHRISTIAN KERNS ET AL (21245)			
LEASE ACREAGE 110 ACRES+; 63.58 ACRES+; 416.39 ACRES+; 100 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)			
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,500' TVD 13,900' MD			
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT			
ADDRESS 1625 17TH STREET DENVER, CO 80202			
			DIANNA STAMPER CT CORPORATION SYSTEM 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

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Office of Oil and Gas

AUG 23 2012

WV Department of
Environmental Protection

Antero Resources Corporation

APPALACHIAN BASIN

Kemper Unit 2H
Doddridge County



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

Date: 6/20/2012

09/28/2012