

LATITUDE 39°20'00"

6,692'

10,110' TO BOTTOM HOLE

LATITUDE 39°22'30"

LONGITUDE 80°40'00"

3,308'

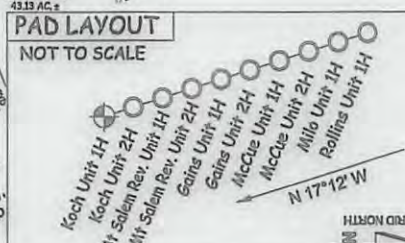
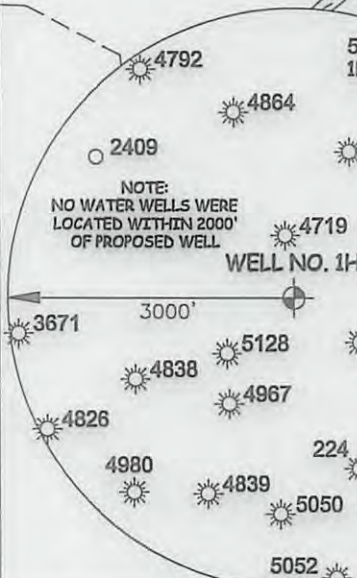
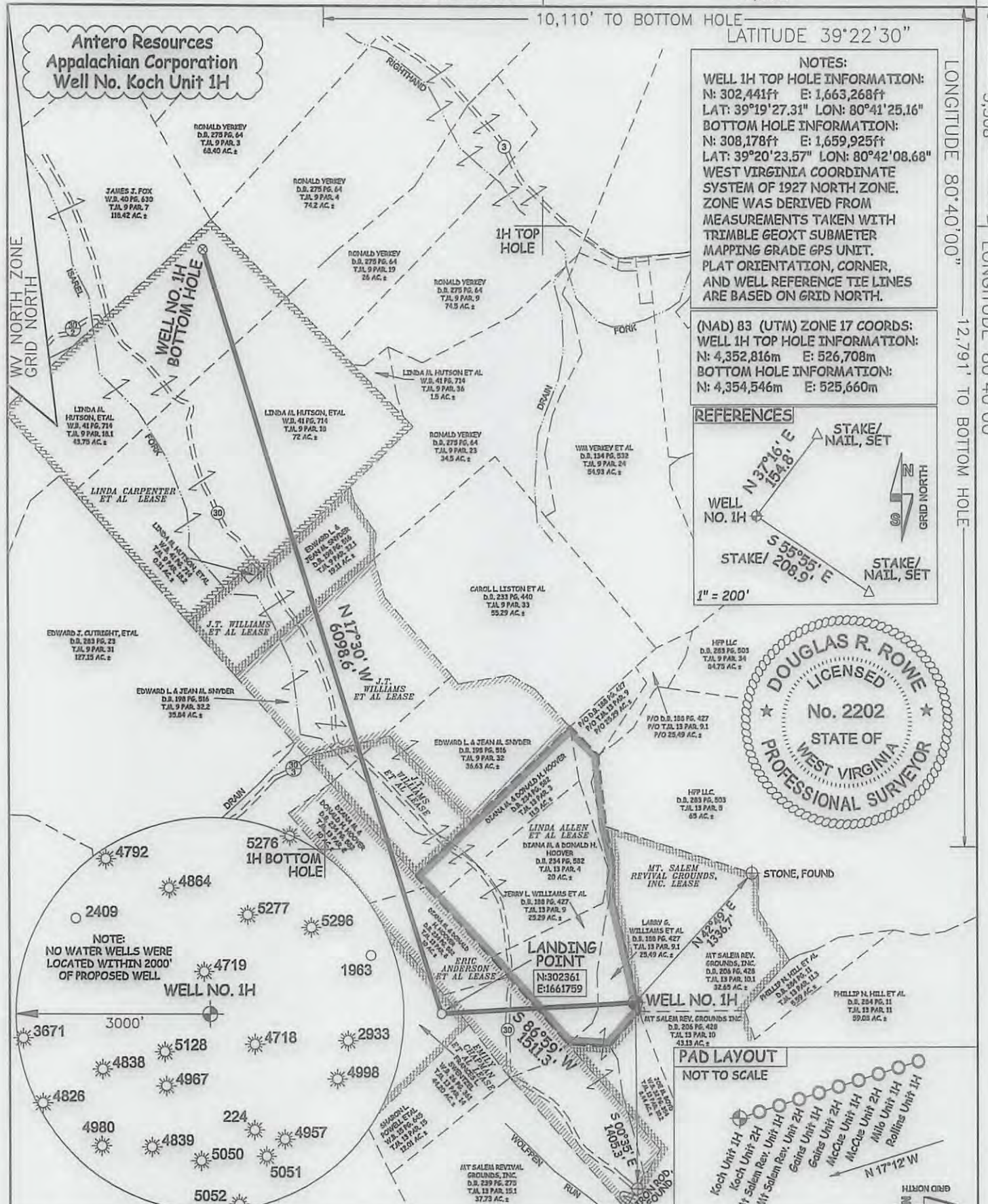
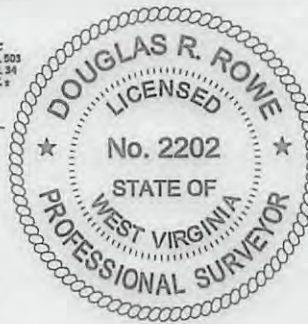
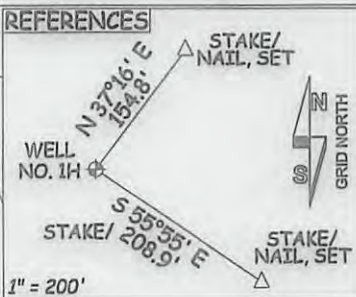
LONGITUDE 80°40'00"

12,791' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Koch Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 302,441ft E: 1,663,268ft
 LAT: 39°19'27.31" LON: 80°41'25.16"
BOTTOM HOLE INFORMATION:
 N: 308,178ft E: 1,659,925ft
 LAT: 39°20'23.57" LON: 80°42'08.68"
 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: 4,352,816m E: 526,708m
BOTTOM HOLE INFORMATION:
 N: 4,354,546m E: 525,660m



JOB # 12-132WA
 DRAWING # KOCH1H
 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
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

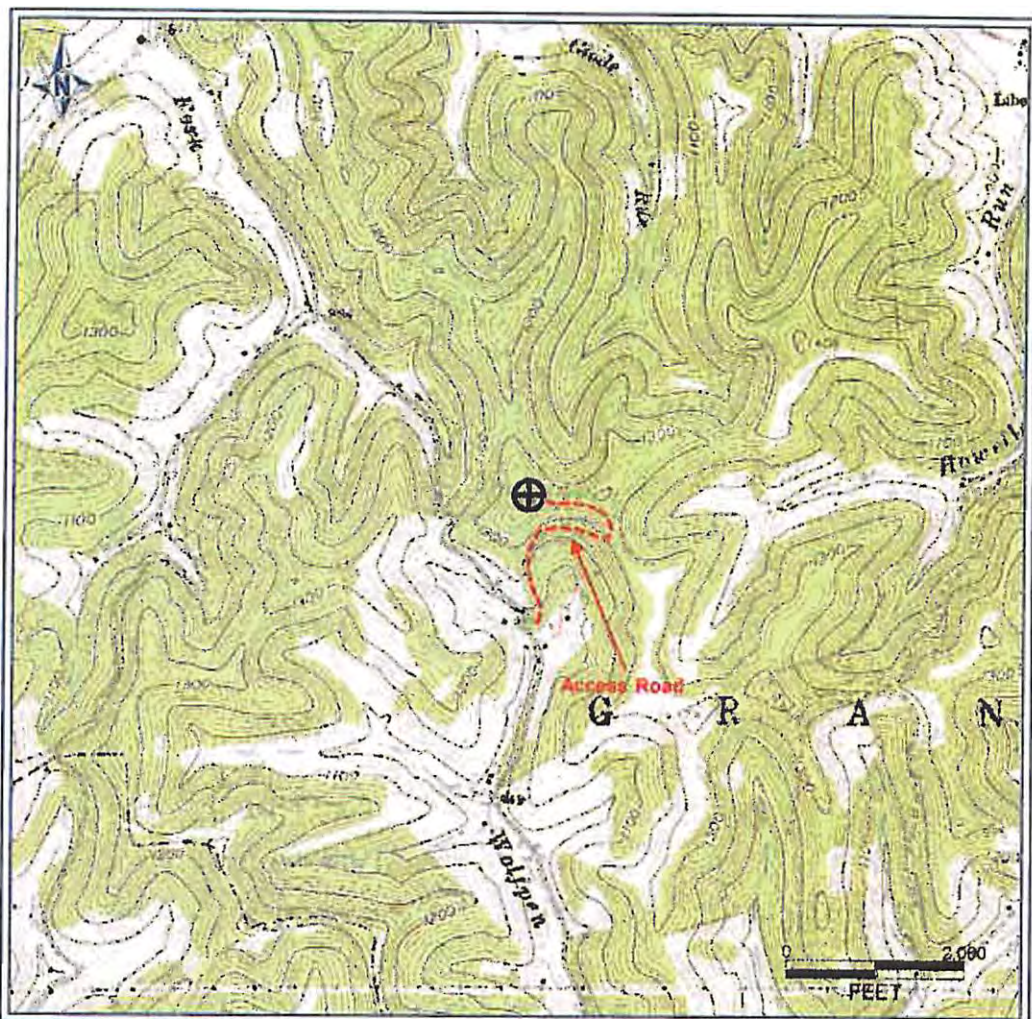
LEGEND
 — Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 --- Existing Fence
 ⊕ Found monument, as noted

DJCR
 DOUGLAS R. ROWE P.S. 2202

DATE 02/20/13
 OPERATOR'S WELL# KOCH UNIT #1H
 API WELL # 47-017-6218HGA
 STATE COUNTY PERMIT

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 1,378' WATERSHED WOLFFEN RUN
 QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER LARRY WILLIAMS ET AL ACREAGE 25.49 ACRES +/-
 OIL & GAS ROYALTY OWNER LINDA ALLEN ET AL; ERIC ANDERSON ET AL; EMILY CHAPMAN ET AL; J.T. WILLIAMS ET AL; J.T. WILLIAMS ET AL; J.T. WILLIAMS ET AL; LINDA CARPENTER ET AL
 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 7,400' TVD 15,700' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313



PETRA 11/29/2012 4:00:03 PM

Revised
Office of Oil & Gas

*DCW
4-18-13*

APR 23 2013

**17-06218 H6A KOCH UNIT 1H
ANTERO RESOURCES**

PAD NAME: REVIVAL

Antero Resources Corporation
APPALACHIAN BASIN
Koch Unit 1H Doddridge County
0 2,000 4,000 FEET
REMARKS QUADRANGLE: SMITHBURG WATERSHED: DISTRICT: GRANT
Date: 12/04/12