

LATITUDE 39°15'00" | -1,238'

11,427' TO BOTTOM HOLE

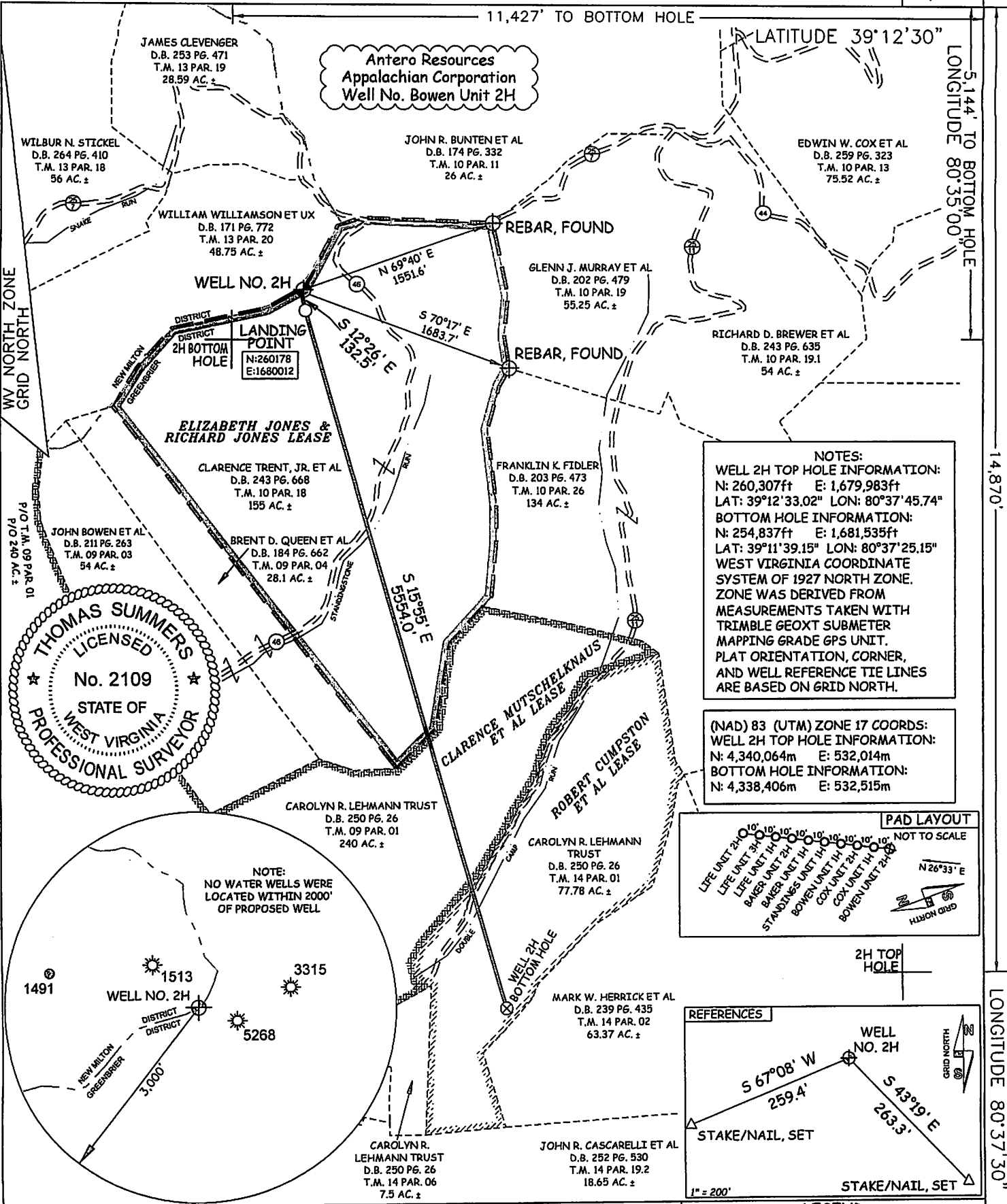
LATITUDE 39°12'30"

LONGITUDE 80°35'00"

14,870'

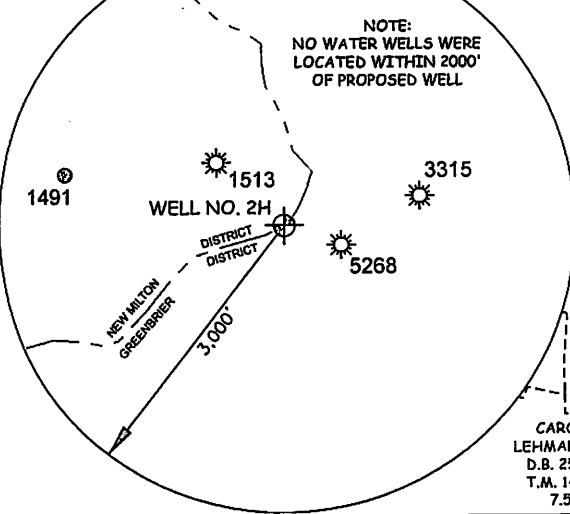
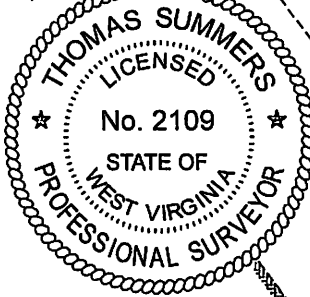
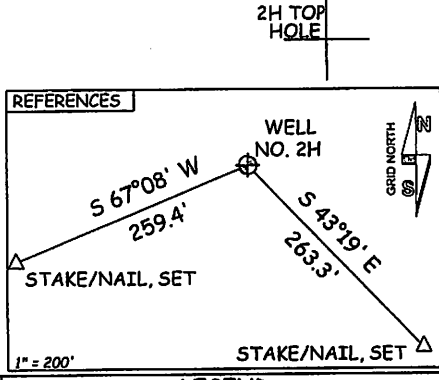
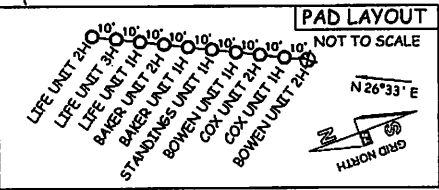
LONGITUDE 80°37'30"

Antero Resources
Appalachian Corporation
Well No. Bowen Unit 2H



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 260,307ft E: 1,679,983ft
 LAT: 39°12'33.02" LON: 80°37'45.74"
 BOTTOM HOLE INFORMATION:
 N: 254,837ft E: 1,681,535ft
 LAT: 39°11'39.15" LON: 80°37'25.15"
 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: 4,340,064m E: 532,014m
 BOTTOM HOLE INFORMATION:
 N: 4,338,406m E: 532,515m



JOB # 12-066WA
 DRAWING # BOWEN2H
 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

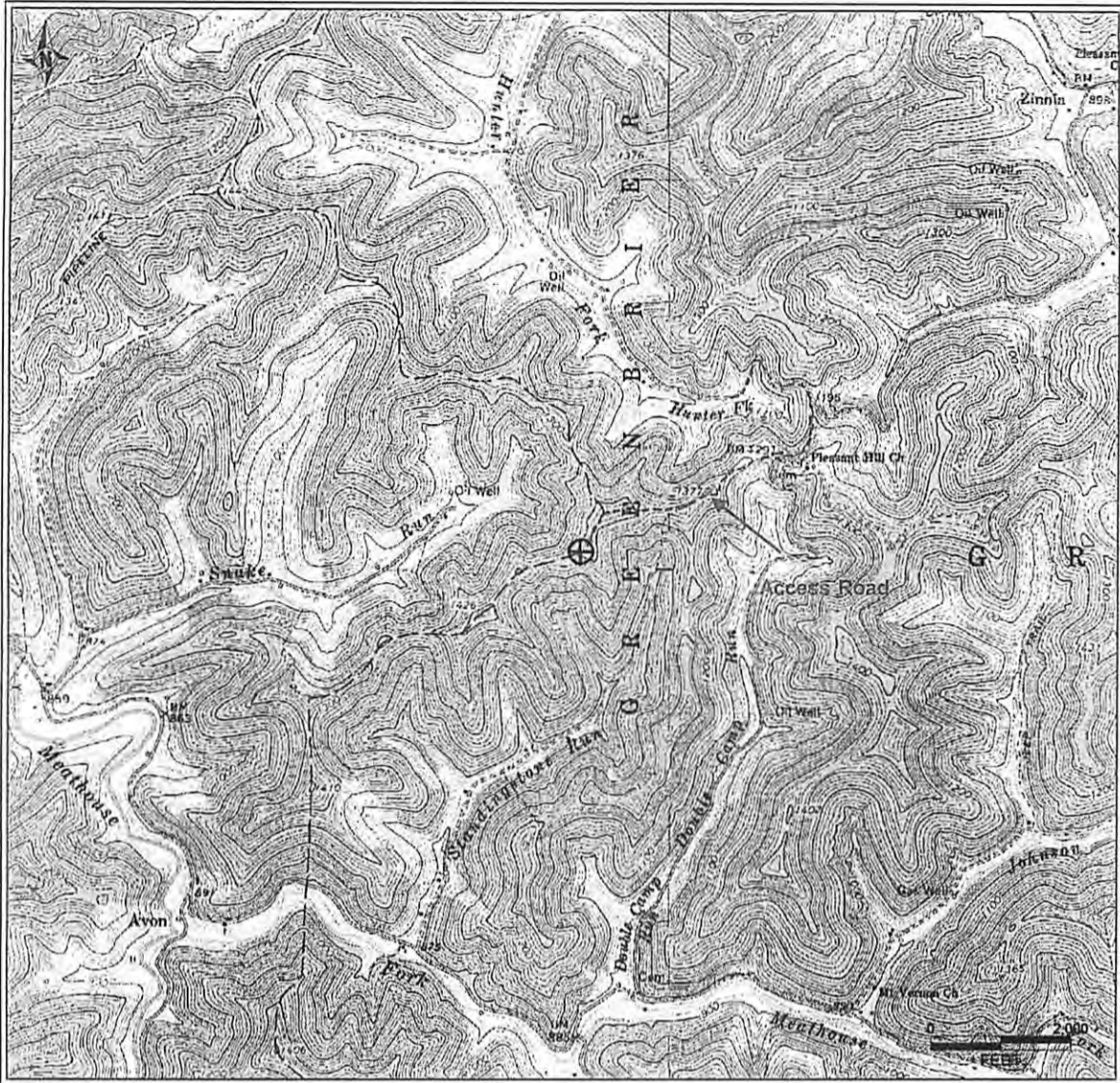
LEGEND
 --- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 10/18/12
 OPERATOR'S WELL # BOWEN UNIT #2H

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 1,410' WATERSHED STANDINGSTONE RUN OF MEATHOUSE FORK
 QUADRANGLE NEW MILTON 7.5 (TOP HOLE); BIG ISAAC 7.5 (BOTTOM HOLE) DISTRICT GREENBRIER COUNTY DODDRIDGE
 SURFACE OWNER CLARENCE TRENT, JR. ET AL ACREAGE 155 ACRES +/-
 OIL & GAS ROYALTY OWNER ELIZABETH JONES & RICHARD JONES; LEASE ACREAGE 155 ACRES +/-
 CLARENCE MUTSCHELKNAUS ET AL; ROBERT CUMPSTON ET AL 265 ACRES +/-; 78.375 ACRES +/-
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,600' TVD 14,300' MD
 CLEAN OUT & REPLUG
 DIANNA STAMPER
 CT CORPORATION SYSTEM
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313
 ADDRESS 1625 17TH STREET DENVER, CO 80202

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02/01/2013



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Antero Resources Corporation
APPALACHIAN BASIN
Bowen Unit 2H County Doddridge
REMARKS
QUADRANGLE: NEW MILTON & BIG ISAAC WATERSHED: STANDINGS RUN DISTRICT: GREENBRIER
Date: 9/12/2012