

LATITUDE 39°20'00"

6,680'

5,201' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°40'00" 10,398' TO BOTTOM HOLE

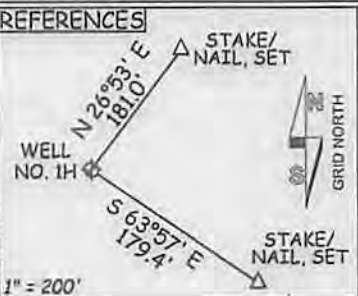
LONGITUDE 80°40'00"

Antero Resources Corporation
Well No. Gains Unit 1H

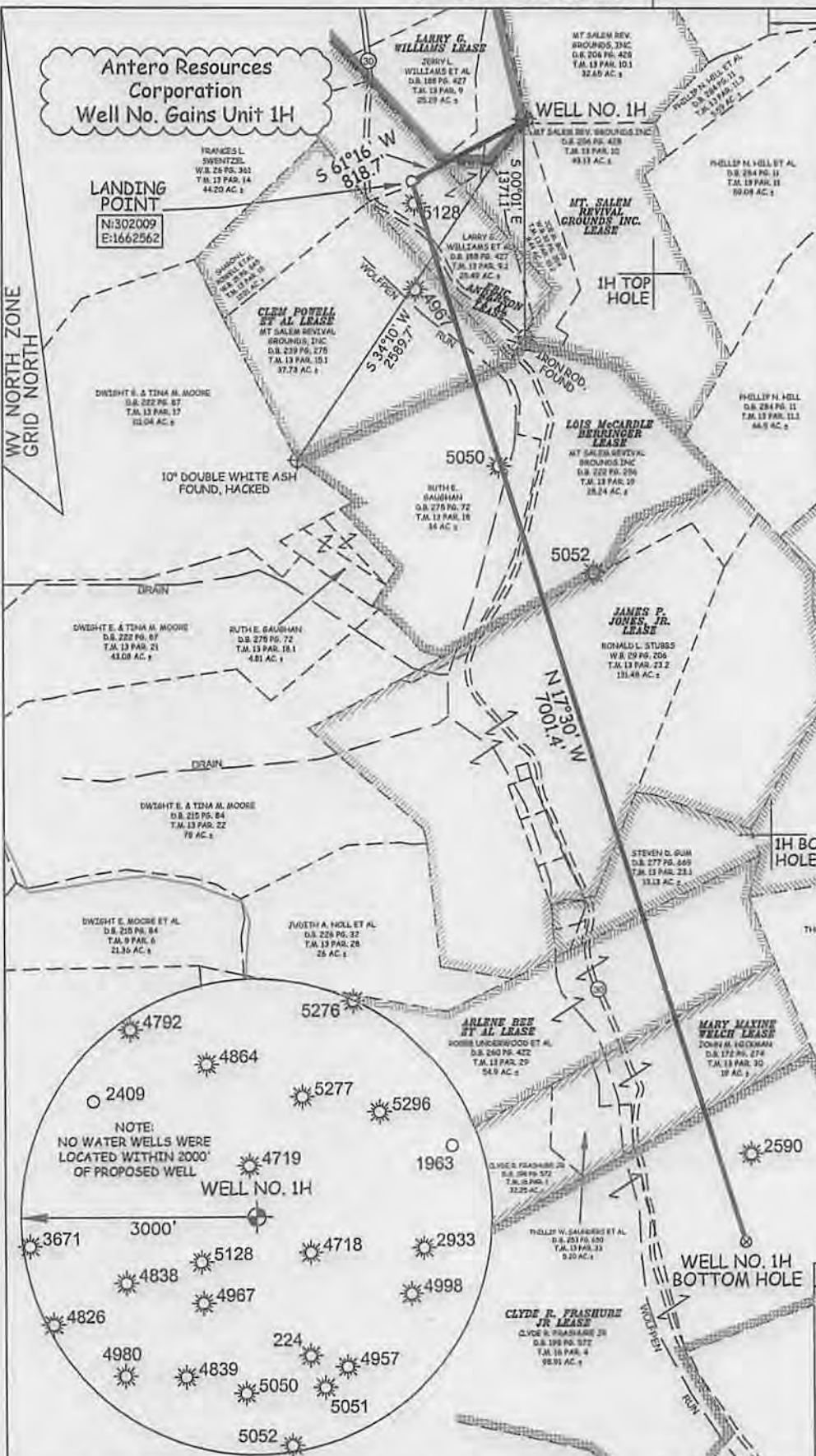
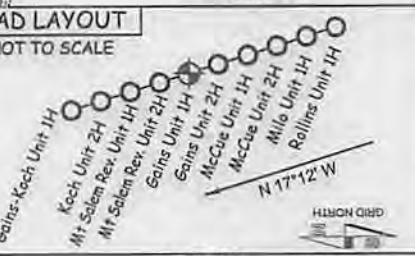
LANDING POINT
N:302009
E:1662562

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 302,402ft E: 1,663,280ft
LAT: 39°19'26.94" LON: 80°41'25.00"
BOTTOM HOLE INFORMATION:
N: 295,331ft E: 1,664,667ft
LAT: 39°18'17.23" LON: 80°41'06.16"
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: 4,352,804m E: 526,712m
BOTTOM HOLE INFORMATION:
N: 4,350,657m E: 527,170m



NOTE
NO UNOCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY IN ANY MANNER ARE LOCATED WITHIN ONE HUNDRED TWENTY-FIVE (250) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-077WA
DRAWING # GAINUNIT1HR1
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
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

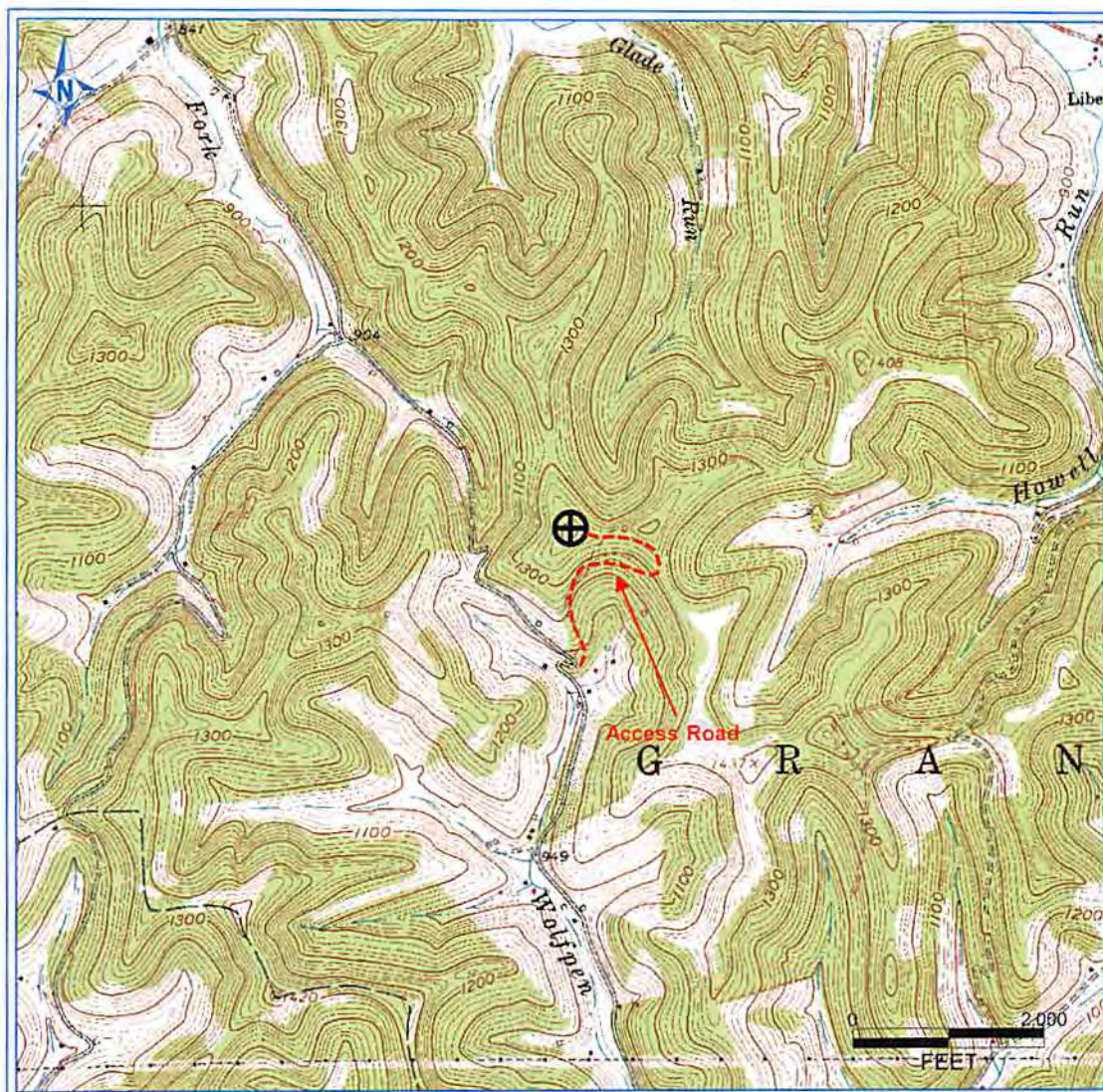
DOUGLAS R. ROWE P.S. 2202

DATE 03/20/14
OPERATOR'S WELL# GAINS UNIT #1H
API WELL # 47 - 017 - 06395
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 1,375' WATERSHED WOLFPEN RUN
QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER LARRY WILLIAMS ET AL ACREAGE 25.49 ACRES +/-
OIL & GAS ROYALTY OWNER LARRY G. WILLIAMS; MT. SALEM REVIVAL GROUNDS INC.; ERIC ANDERSON ET AL; CLEM POWELL ET AL; LOIS MCCARDLE BERRINGER; JAMES P. JONES, JR.; CLARENCE MUTSCHELMANN; ARLENE BEE ET AL; MARY MAXINE WELCH; CLYDE RYLAN FRASHURE JR. ET AL; LEASE ACREAGE 35.11 ACRES +/-; 72.7 ACRES +/-; 40 ACRES +/-; 51 AC +/-; 67.5 AC +/-; 141 AC +/-; 57 AC +/-; 55 AC +/-; 63.434 AC +/-; 131 AC +/-
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) Permit Modification - BHL PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 16,000' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25311



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

DCN
10-3-2013

RECEIVED
Office of Oil and Gas
OCT 04 2013
WV Department of
Environmental Protection

Antero Resources Corporation

APPALACHIAN BASIN

Gains Unit 1H

Doddridge County



REMARKS
QUADRANGLE: SMITHBURG
WATERSHED:
DISTRICT: GRANT

Date: 12/04/12