

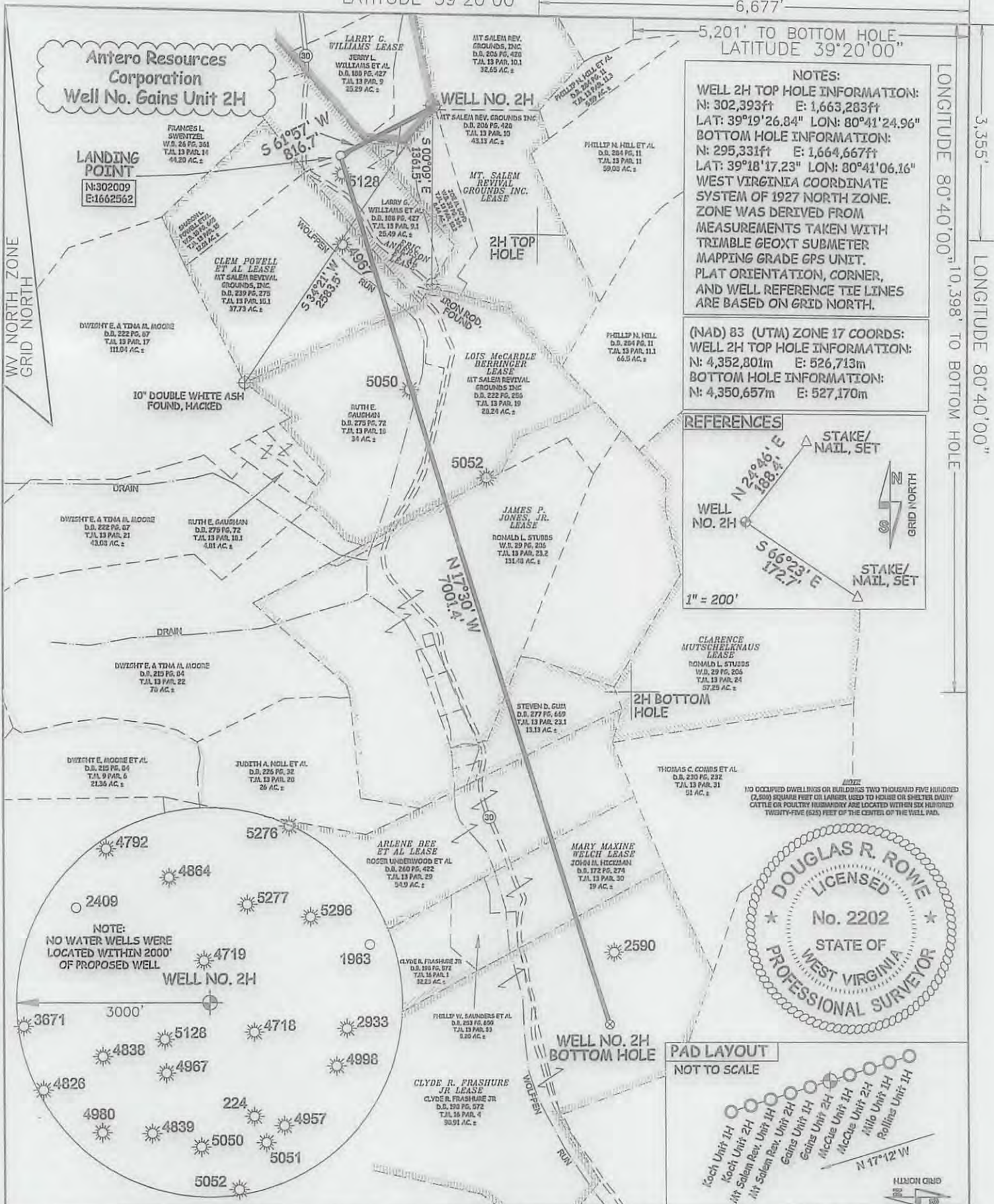
LATITUDE 39°20'00"

6,677'

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

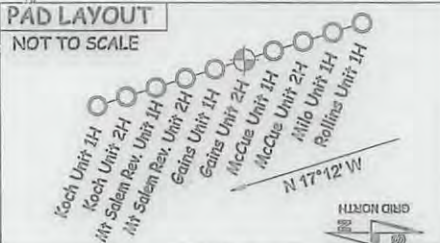
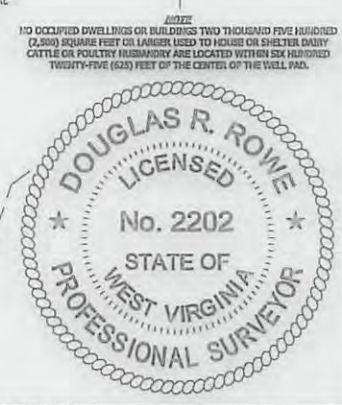
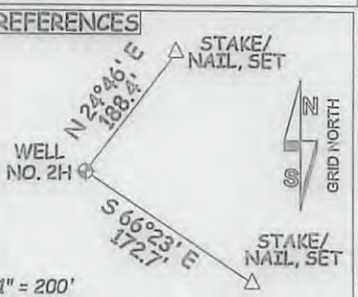
LONGITUDE 80°40'00" 10,398' TO BOTTOM HOLE
LONGITUDE 80°40'00"

3,355'



NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 302,393ft E: 1,663,283ft
 LAT: 39°19'26.84" LON: 80°41'24.96"
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 TRIANGLE 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: 4,352,801m E: 526,713m
BOTTOM HOLE INFORMATION:
 N: 4,350,657m E: 527,170m



JOB # 13-077WA
 DRAWING # GAINUNIT2H
 SCALE 1" = 1000'

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.

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

MINIMUM DEGREE OF ACCURACY **SUBMETER**
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

DOUGLAS R. ROWE P.S. 2202

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DATE 09/10/13
 OPERATOR'S WELL# GAINS UNIT #2H

WELL TYPE: OIL ___ GAS **X** LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION **X** STORAGE ___ DEEP ___ SHALLOW **X**
 LOCATION: ELEVATION 1,377' WATERSHED WOLFPEN RUN

API WELL # 47 - 017 - **06396 H6A**
 STATE COUNTY PERMIT

QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

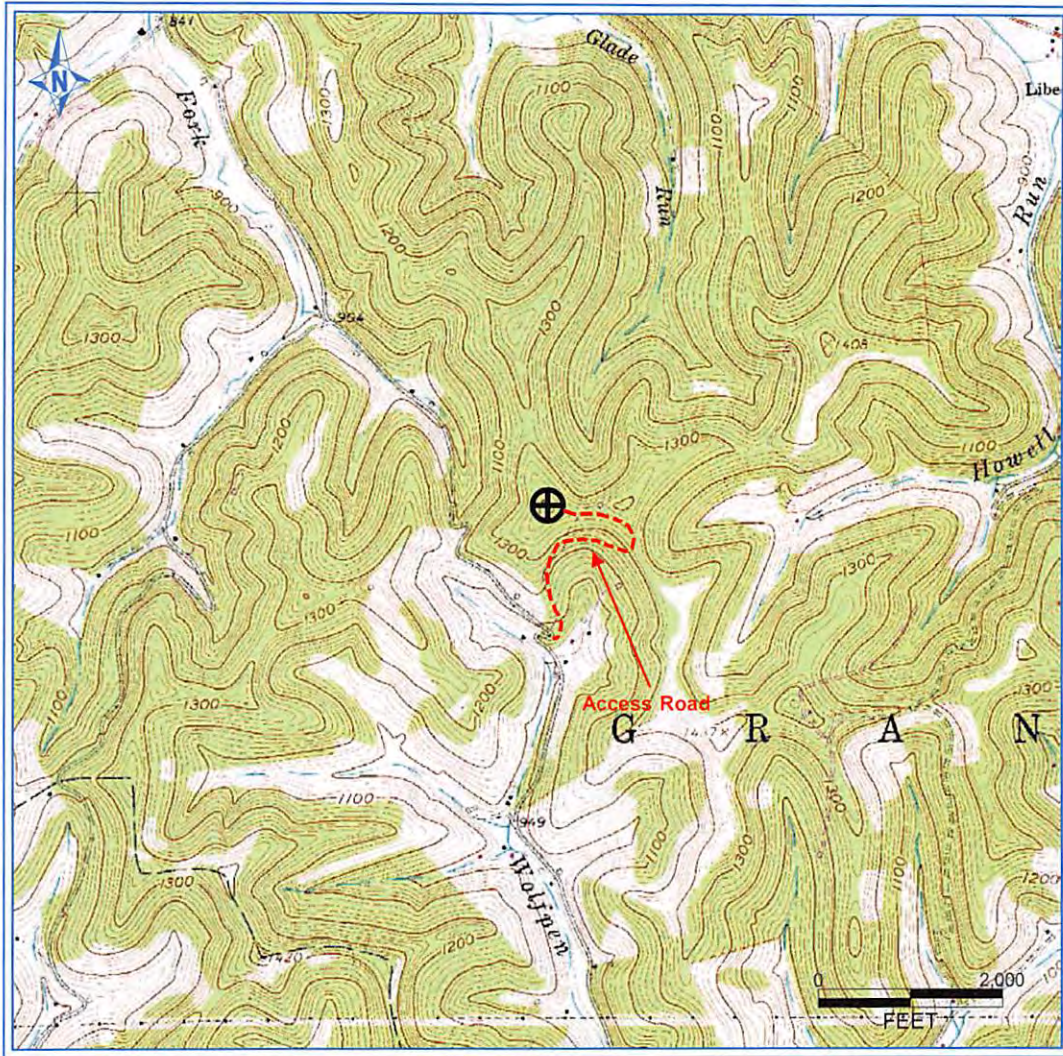
SURFACE OWNER LARRY WILLIAMS ET AL ACREAGE 25.49 ACRES +/-
 OIL & GAS ROYALTY OWNER LARRY G. WILLIAMS; MT. SALEM REVIVAL GROUNDS INC.; ERIC ANDERSON ET AL; LEASE ACREAGE 35.11 ACRES +/-; 72.7 ACRES +/-; 40 ACRES +/-;
CLEM POWELL ET AL; LOIS McCARDIE BERRINGER; JAMES P. JONES, JR.; CLARENCE MUTSCHERKNAUS; ARLENE DEE ET AL; MARY MAXINE WELCH; CLYDE RYAN FRASHURE JR. ET UX 51 AC +/-; 87.5 AC +/-; 141 AC +/-; 57 AC +/-; 55 AC +/-; 83,434 AC +/-; 131 AC +/-

DATE 09/10/13
 OPERATOR'S WELL# GAINS UNIT #2H

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 16,000' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 09/10/13
 OPERATOR'S WELL# GAINS UNIT #2H
 API WELL # 47 - 017 - **06396 H6A**
 STATE COUNTY PERMIT



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

DCW
10-3-2013

RECEIVED
Office of Oil and Gas

OCT 04 2013

WV Department of
Environmental Protection

| |
|-------------------------------------------------------------------|
| Antero Resources Corporation |
| APPALACHIAN BASIN |
| Gains Unit 2H Doddridge County |
| |
| REMARKS QUADRANGLE: SMITHBURG WATERSHED: DISTRICT: GRANT |
| Date: 12/04/12 |