

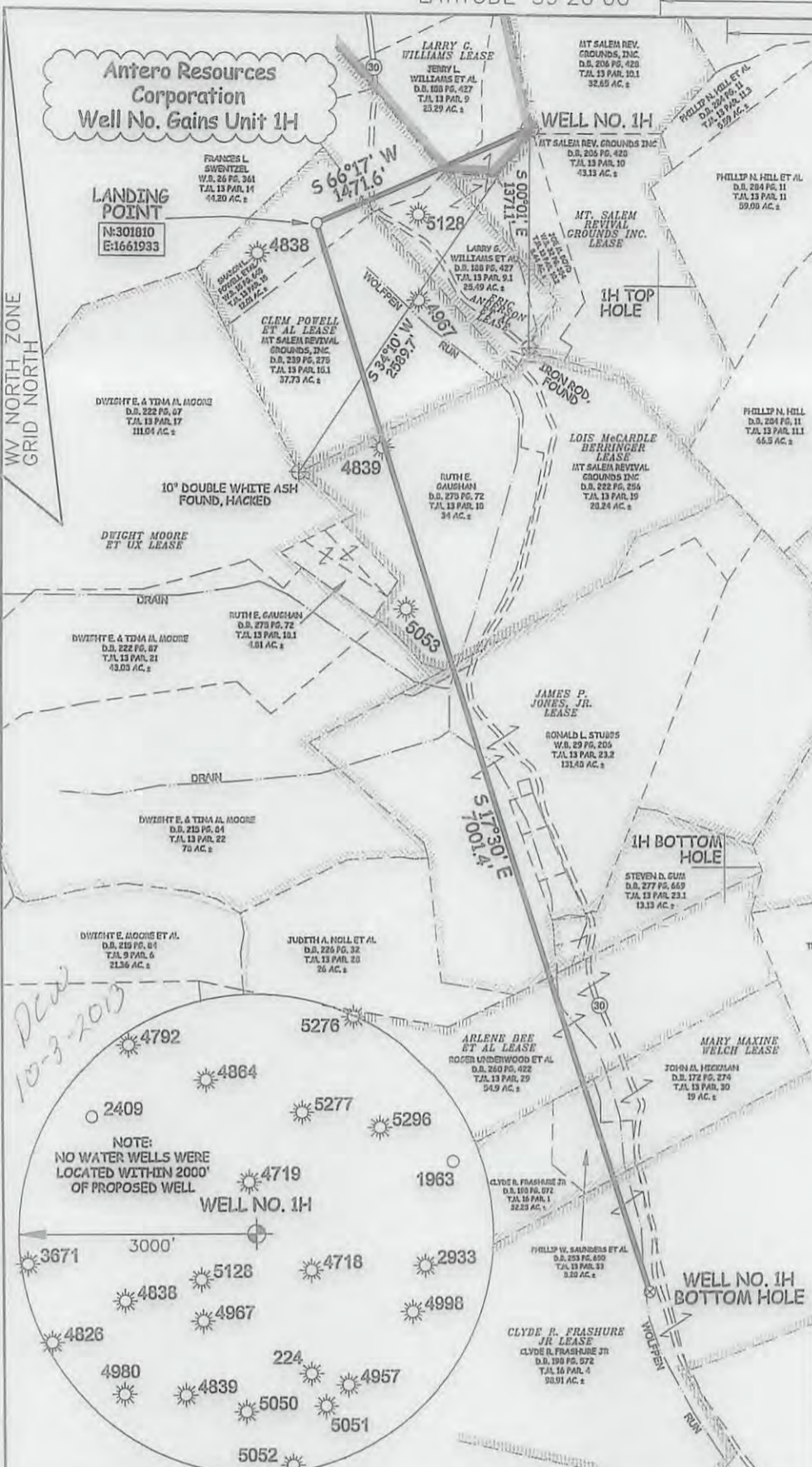
LATITUDE 39°20'00"

6,680'

5,828' TO BOTTOM HOLE
LATITUDE 39°20'00"

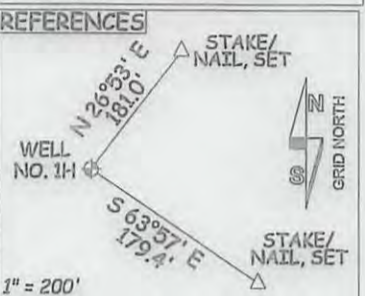
LONGITUDE 80°40'00" TO BOTTOM HOLE

LONGITUDE 80°40'00"



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: 295,133ft E: 1,664,038ft
 LAT: 39°18'15.19" LON: 80°41'14.14"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TREMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

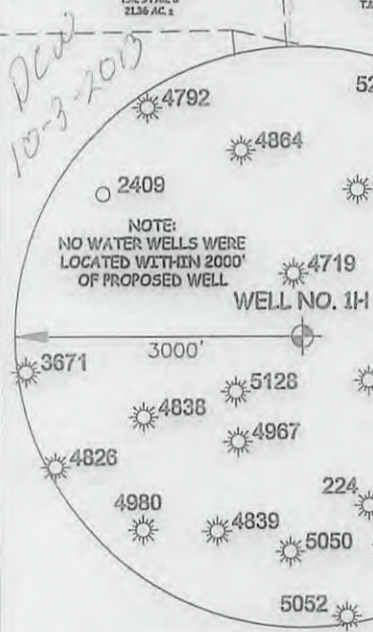
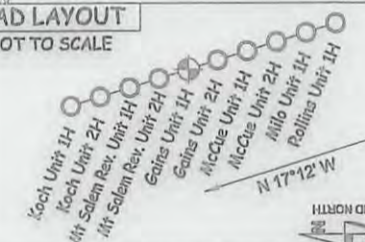
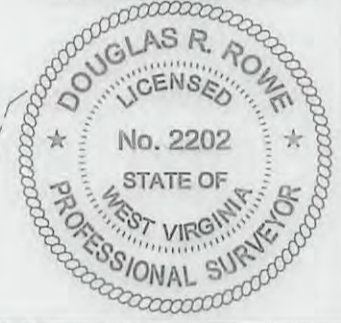
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
 N: 4,352,804m E: 526,712m
BOTTOM HOLE INFORMATION:
 N: 4,350,593m E: 526,980m



CLARENCE MUTSCHELKNAUS LEASE
 DONALD L. STUBBS
 D.B. 209 PG. 205
 T.J.L. 13 PAR. 21
 37.25 AC. ±

THOMAS C. COMBS ET AL
 D.B. 230 PG. 232
 T.J.L. 13 PAR. 31
 51 AC. ±

NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN 500 HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-077WA
 DRAWING # GAINUNIT1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 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 1,377' WATERSHED WOLF PEN 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; ERIC ANDERSON ET AL; CLEM POWELL ET AL; LOIS MCCARDLE BERRINGER; JAMES P. JONES, JR.; ARLENE BEE ET AL; MARY MAXINE WELCH; CLYDE RYLAN FRASHURE JR. ET UX LEASE ACREAGE 35.11 ACRES±; 40 ACRES±; 51 ACRES±; 67.5 ACRES±; 141 ACRES±; 55 ACRES±; 83.434 ACRES±; 131 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) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 16,400' 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 ADDRESS CHARLESTON, WV 25313

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 PRESCRIBED 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



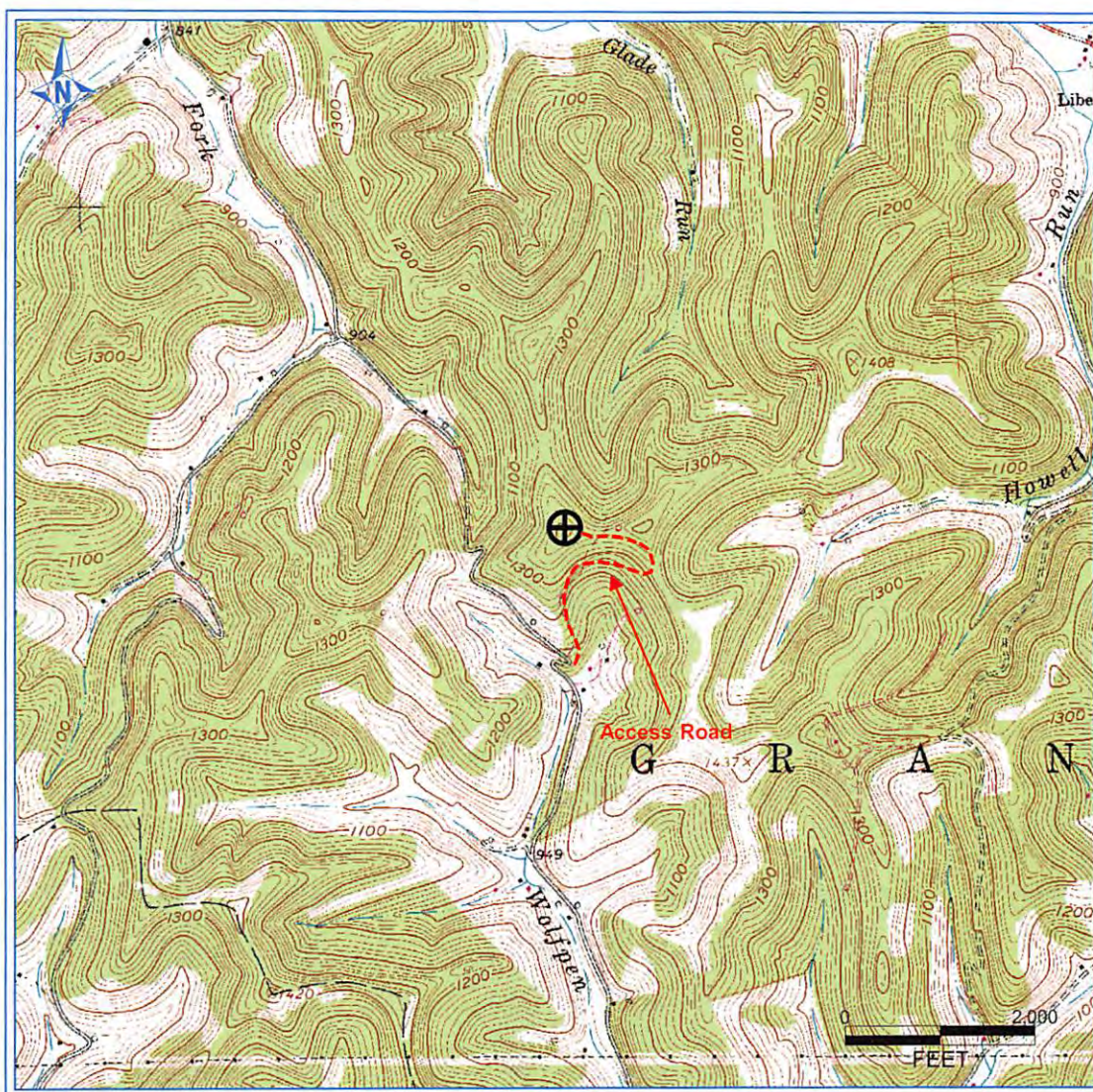
LEGEND
 — Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 — Existing Fence
 ⊕ Found monument, as noted

Dyck
 DOUGLAS R. ROWE P.S. 2202

DATE 09/10/13
 OPERATOR'S WELL # GAINS UNIT #1H
 API WELL # 47 - 017 - 06395 H6A
 STATE COUNTY PERMIT

COUNTY NAME DODDRIDGE
 PERMIT

11/29/2013



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