

LATITUDE 39°17'30"

8,878'

1,536' TO BOTTOM HOLE

LATITUDE 39°17'30"

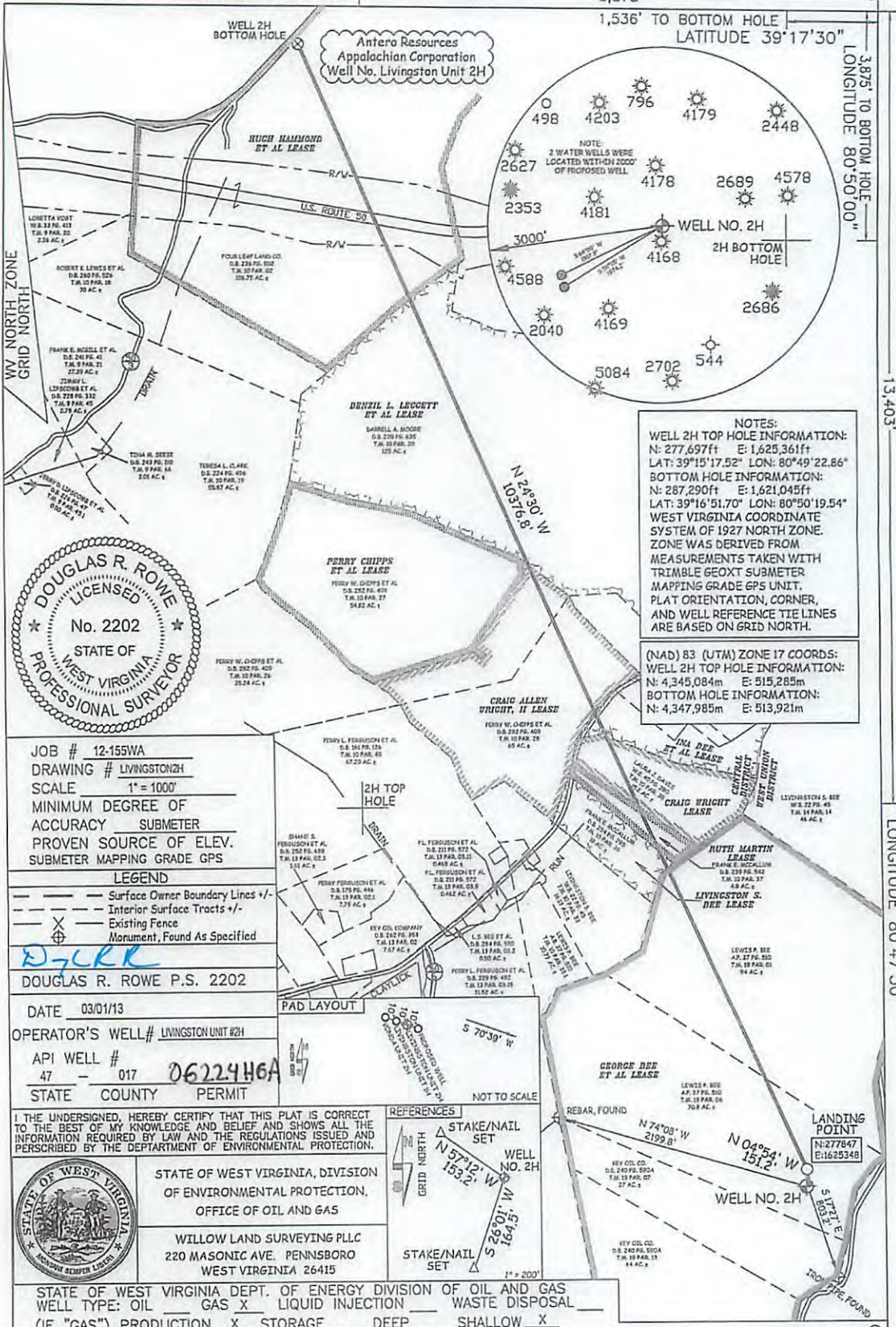
3,875' TO BOTTOM HOLE

13,403'

13,403'

LONGITUDE 80°47'30"

COUNTY NAME PERMIT



Antero Resources
Appalachian Corporation
Well No. Livingston Unit 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 277,697ft E: 1,625,361ft
LAT: 39°15'17.52" LON: 80°49'22.86"
BOTTOM HOLE INFORMATION:
N: 287,290ft E: 1,621,045ft
LAT: 39°16'51.70" LON: 80°50'19.54"
WEST VIRGINIA COORDINATE
SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM
MEASUREMENTS TAKEN WITH
TRIMBLE GEOXT SUBMETER
MAPPING GRADE 6PS 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: 4,345,084m E: 515,285m
BOTTOM HOLE INFORMATION:
N: 4,347,985m E: 513,921m



JOB # 12-155WA
DRAWING # LIVINGSTON2H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
--- Existing Fence
--- Monument, Found As Specified

DOUGLAS R. ROWE P.S. 2202

DATE 03/01/13

OPERATOR'S WELL# LIVINGSTON UNIT #2H

API WELL # 47-017-06224H6A

STATE COUNTY PERMIT

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.



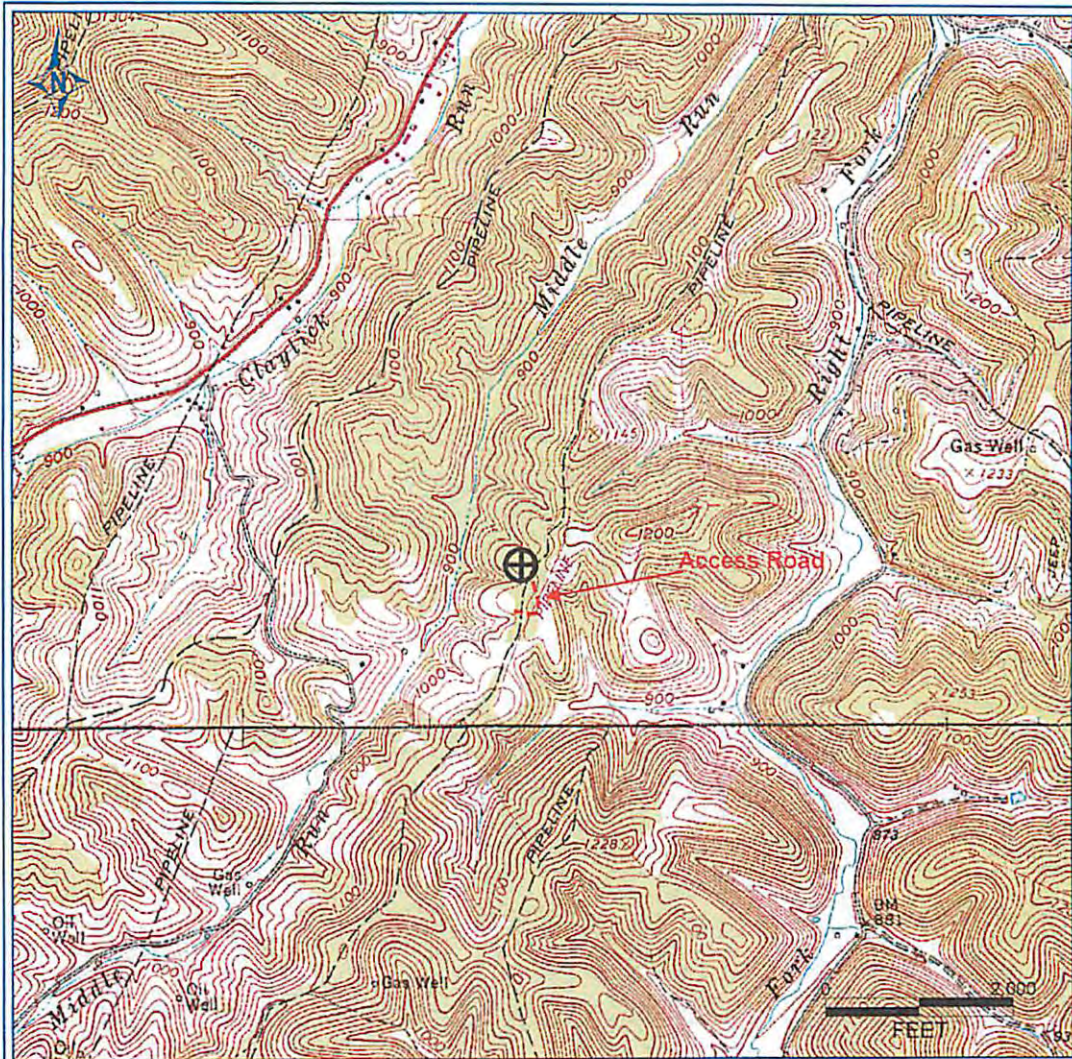
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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



STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,003' WATERSHED MIDDLE RUN
QUADRANGLE WEST UNION 7.5 DISTRICT WEST UNION COUNTY DODDRIDGE
SURFACE OWNER LEWIS P. BEE ACREAGE 70.8 ACRES +/-
OIL & GAS ROYALTY OWNER GEORGE BEE ET AL; LIVINGSTON S. BEE; RUTH MARTIN; LEASE ACREAGE 356.5 AC+; 9.159 AC+; 4.676 AC+
CRAIG WRIGHT; INA BEE ET AL; CRAIG ALLEN WRIGHT, II; DENZIL L. LEGGETT ET AL; HUGH HAMMOND ET AL 15 AC+; 27 AC+; 30.09 +/- 140 AC+; 146 AC+
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 6,800' TVD 17,600' MD
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

05/31/2013

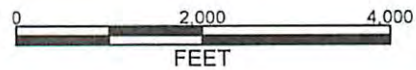


PETRA 11/29/2012 4 06 52 PM

Antero Resources Corporation

APPALACHIAN BASIN

Livingston Unit 2H
Doddridge County



REMARKS
QUADRANGLE: WEST UNION
WATERSHED: MIDDLE RUN
DISTRICT: CENTRAL

MAR 08 2013

Date: 11/29/2012