

4,614' to Top Hole

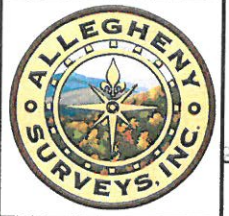
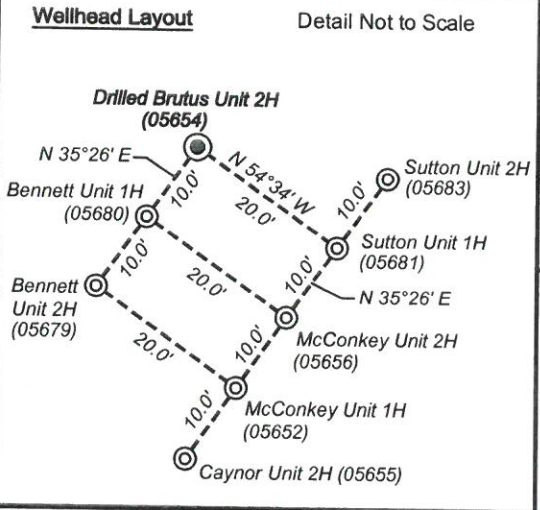
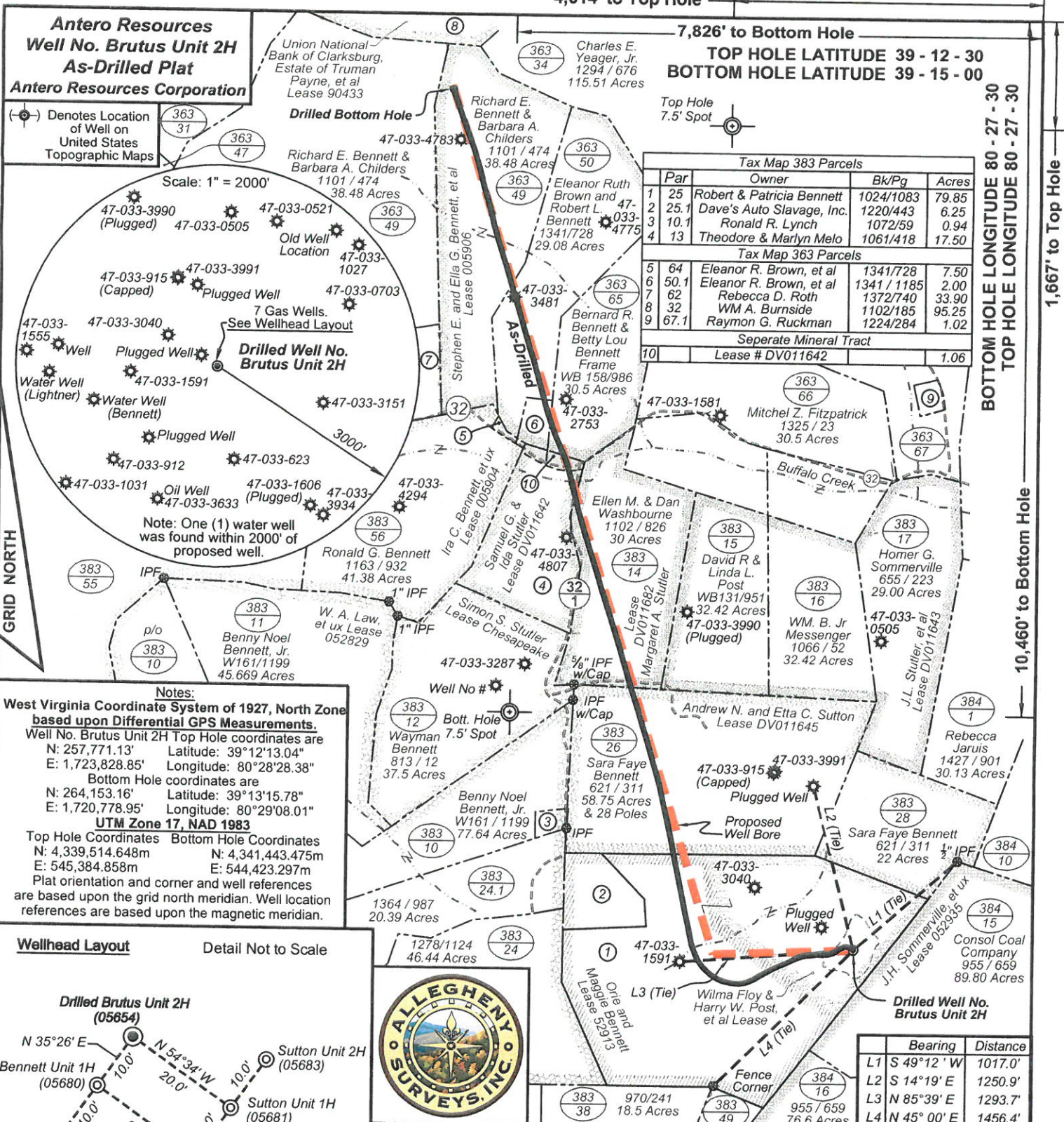
7,826' to Bottom Hole

TOP HOLE LATITUDE 39 - 12 - 30
BOTTOM HOLE LATITUDE 39 - 15 - 00

BOTTOM HOLE LONGITUDE 80 - 27 - 30
TOP HOLE LONGITUDE 80 - 27 - 30

10,460' to Bottom Hole

1,667' to Top Hole



Top Hole coordinates verified by survey grade GPS. As-drilled data and information was provided by Antero Resources Corporation. Allegheny Surveys, Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

Bearing	Distance
L1 S 49°12' W	1017.0'
L2 S 14°19' E	1250.9'
L3 N 85°39' E	1293.7'
L4 N 45° 00' E	1456.4'

LEGEND

- Proposed gas well
- Found corner, as noted
- County Route
- Creek or Drain
- Existing Road
- Surface Boundary (approx.)
- Interior surface tracts (approx.)

FILE NO: 280-36-U-11
DRAWING NO: 280-11 Drilled Brutus 2H
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: February 9 2015
OPERATOR'S WELL NO. Brutus Unit 2H
API WELL NO
47 - 033 - 05654
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1235' WATERSHED: Middle West Fork River QUADRANGLE: West Milford
DISTRICT: Union COUNTY: Harrison
SURFACE OWNER: Robert & Patricia Bennett ACREAGE: 26.08 80; 101.3
ROYALTY OWNER: Wilma Floy Post, et al; Orie & Maggie Bennett; Margaret A. Stutler LEASE NO: 52913; DV011645; 005906 ACREAGE: 26; 59.5; 30; 19
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale DEPTH: TVD 7,033' MD 13,988'

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313