

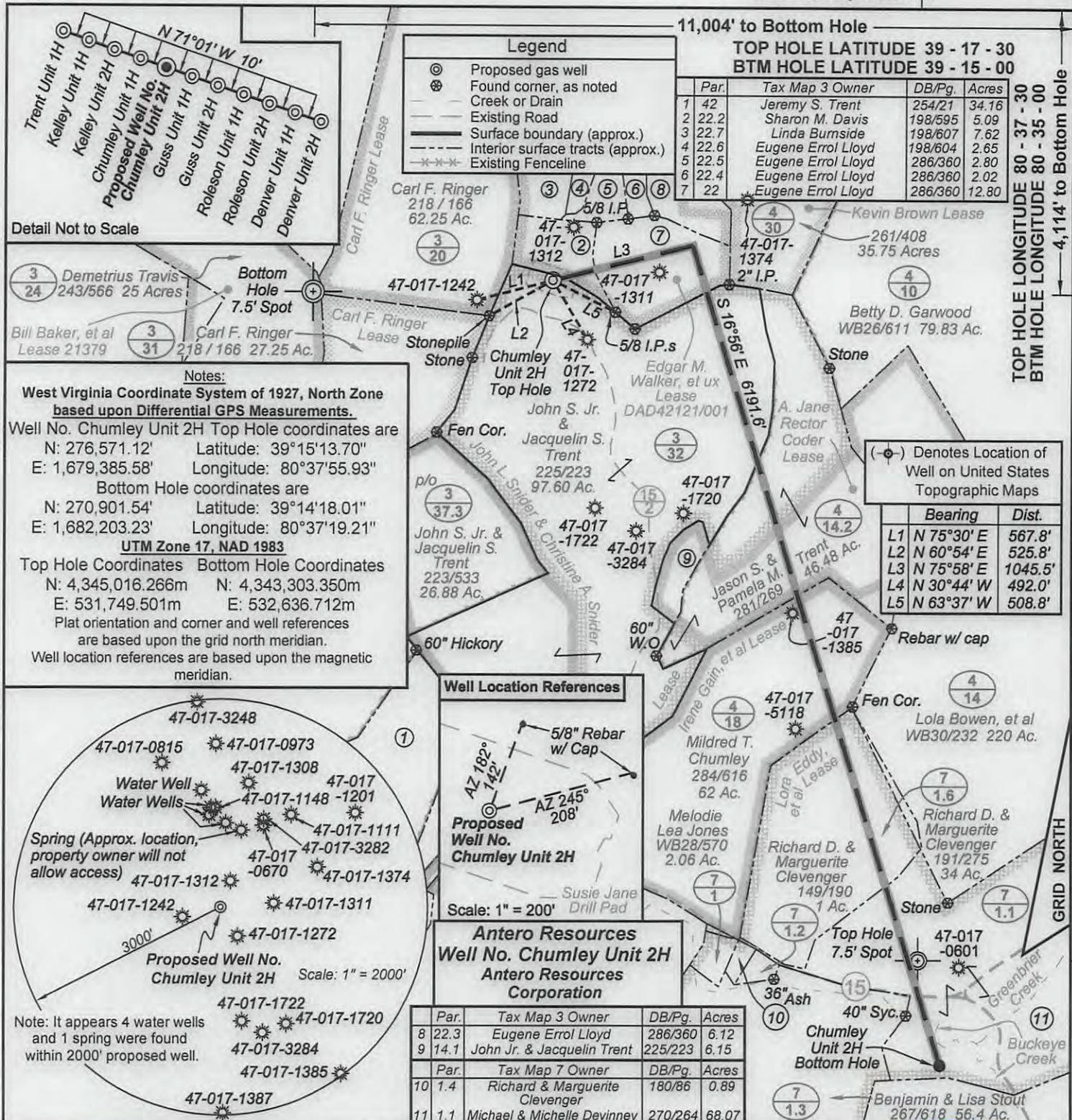
2,212' to Top Hole

11,004' to Bottom Hole

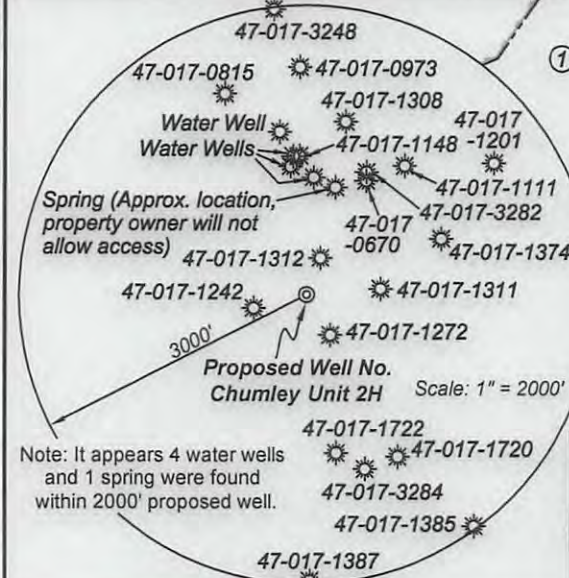
TOP HOLE LATITUDE 39 - 17 - 30
BTM HOLE LATITUDE 39 - 15 - 00

TOP HOLE LONGITUDE 80 - 37 - 30
BTM HOLE LONGITUDE 80 - 35 - 00

13,764' to Top Hole



Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Chumley Unit 2H Top Hole coordinates are
 N: 276,571.12' Latitude: 39°15'13.70"
 E: 1,679,385.58' Longitude: 80°37'55.93"
 Bottom Hole coordinates are
 N: 270,901.54' Latitude: 39°14'18.01"
 E: 1,682,203.23' Longitude: 80°37'19.21"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,345,016.266m N: 4,343,303.350m
 E: 531,749.501m E: 532,636.712m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

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.

Kenneth J. Plum
 Kenneth J. Plum, P.S. 2216



FILE NO: 114-30-G-13
 DRAWING NO: 114-13 Chumley 2H Well Plat
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

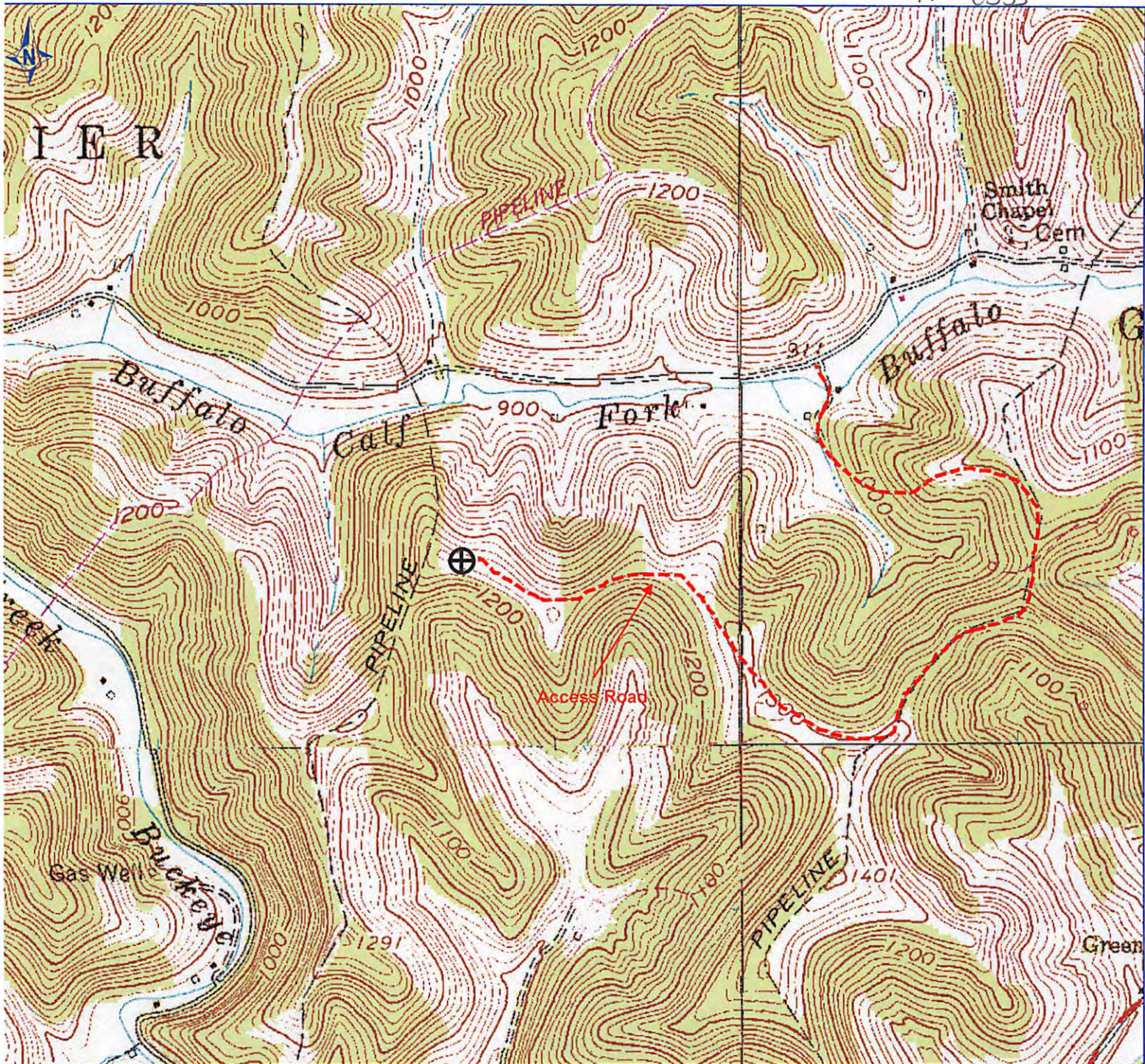
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

DATE: July 18 2013
 OPERATOR'S WELL NO. Chumley Unit 2H
 API WELL NO
 47 - 017 - 06335 HGA
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1248' WATERSHED: Buffalo Calf Fork QUADRANGLE: New Milton & Big Isaac
 DISTRICT: Greenbrier COUNTY: Doddridge
 SURFACE OWNER: John S. Jr. & Jacquelin S. Trent A. Jane Rector Coder ACREAGE: 97.60 82; 33.58
 ROYALTY OWNER: John L. Snider & Christine A. Snider; Edgar M. Walker, et ux; Irene Gain, et al; Lora Eddy, et al ACREAGE: 98.9; 65; 166.25
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD 14,100' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

09/27/2013



ETRA 4/25/2013 12:49:05 PM

DCN
8-1-2013

Received

AUG -2

Office of Oil and Gas
WV Dept. of Environmental Protection

Antero Resources Corp

APPALACHIAN BASIN

Chumley Unit 2H

Doddridge County

REMARKS
QUADRANGLE: NEW MILTON, SMITHBU
WATERSHED: BUFFALO CALF FORK
DISTRICT: GREENBRIER

By: ECM

