

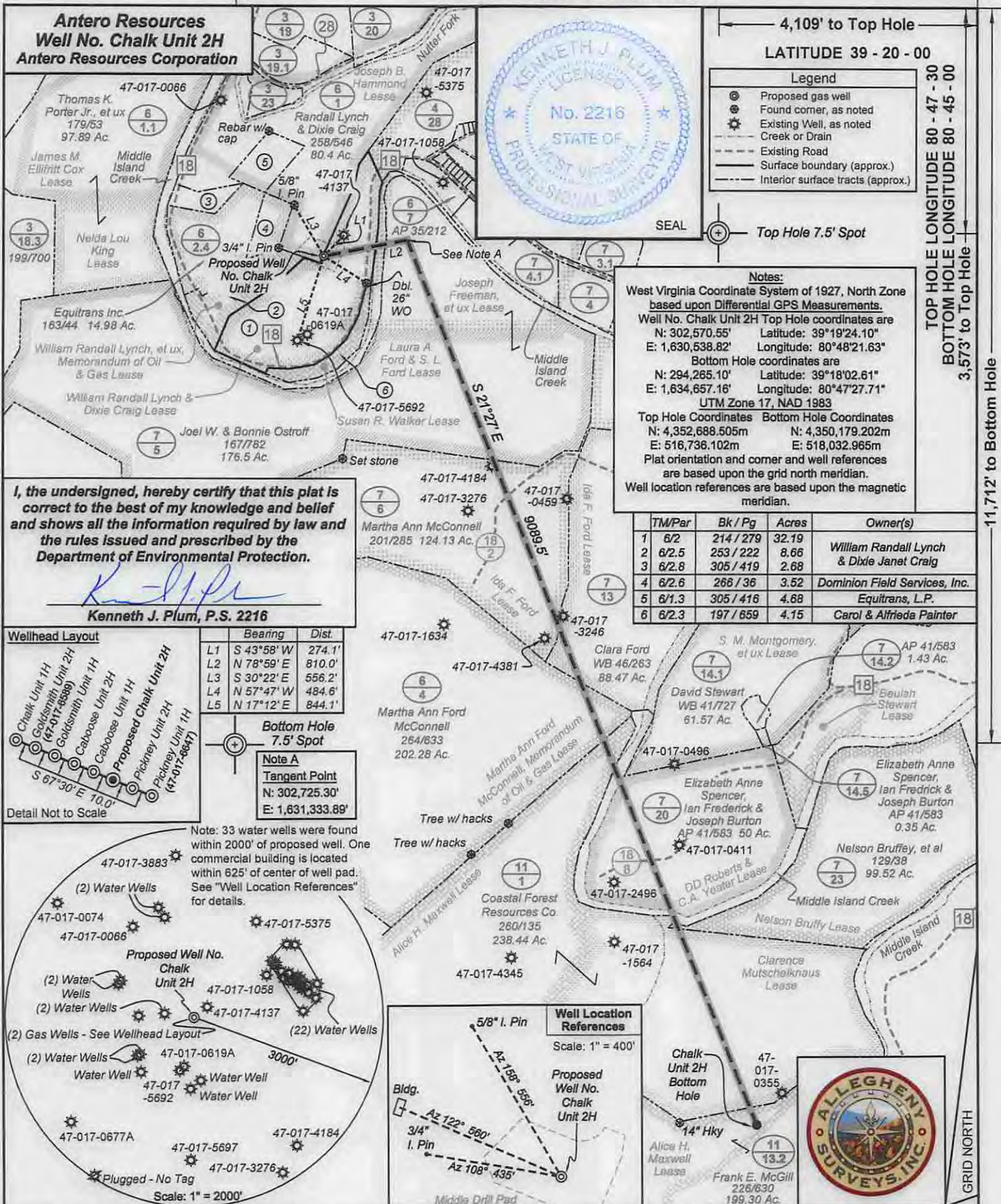
11,776' to Bottom Hole

4,109' to Top Hole

LATITUDE 39 - 20 - 00

TOP HOLE LONGITUDE 80 - 47 - 30
BOTTOM HOLE LONGITUDE 80 - 45 - 00
3,573' to Top Hole

11,712' to Bottom Hole



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: 237-30-WU-14
DRAWING NO: 237-14 Chalk 2H Plat
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

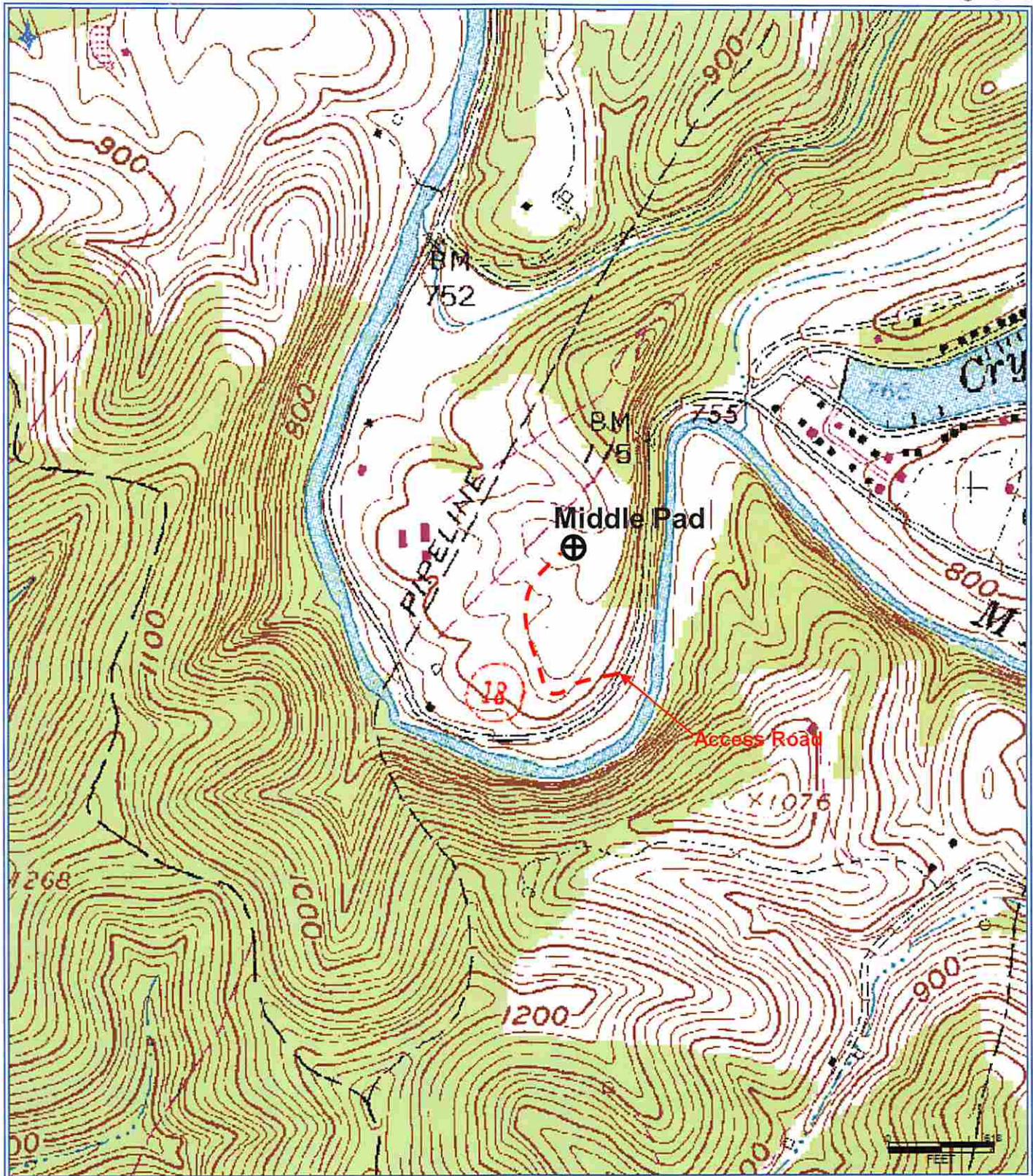
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 20 20 14
Operator's Well No. Chalk Unit 2H
API WELL NO 146A
47 - 017 - 06695
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 863' WATERSHED: Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: William Randall Lynch & Dixie Janet Craig DD Roberts & C.A. Yeater; Ida F. Ford (2); Alice H. Maxwell
ROYALTY OWNER: Clarence Mutschelknaus; Laura A. Ford & S. L. Ford; Joseph Freeman, et ux; ACREAGE: 32.19 50; 124; 90; 420
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,600' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,600' MD

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

04/10/2015



RECEIVED
 Office of Oil and Gas
 NOV 26 2014
 WV Department of
 Environmental Protection

Antero Resources Corporation
 Appalachian Basin
 Chalk Unit 2H
 Doddridge County
 Quadrangle: West Union
 Watershed: Middle Island Creek
 District: West Union
 Date: 5-15-2014