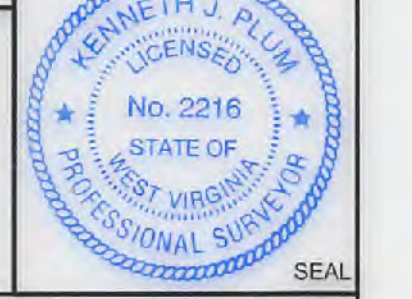


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



FILE NO: 48-30-WU-14
DRAWING NO: Northrop 2H Well Plat 11-16
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

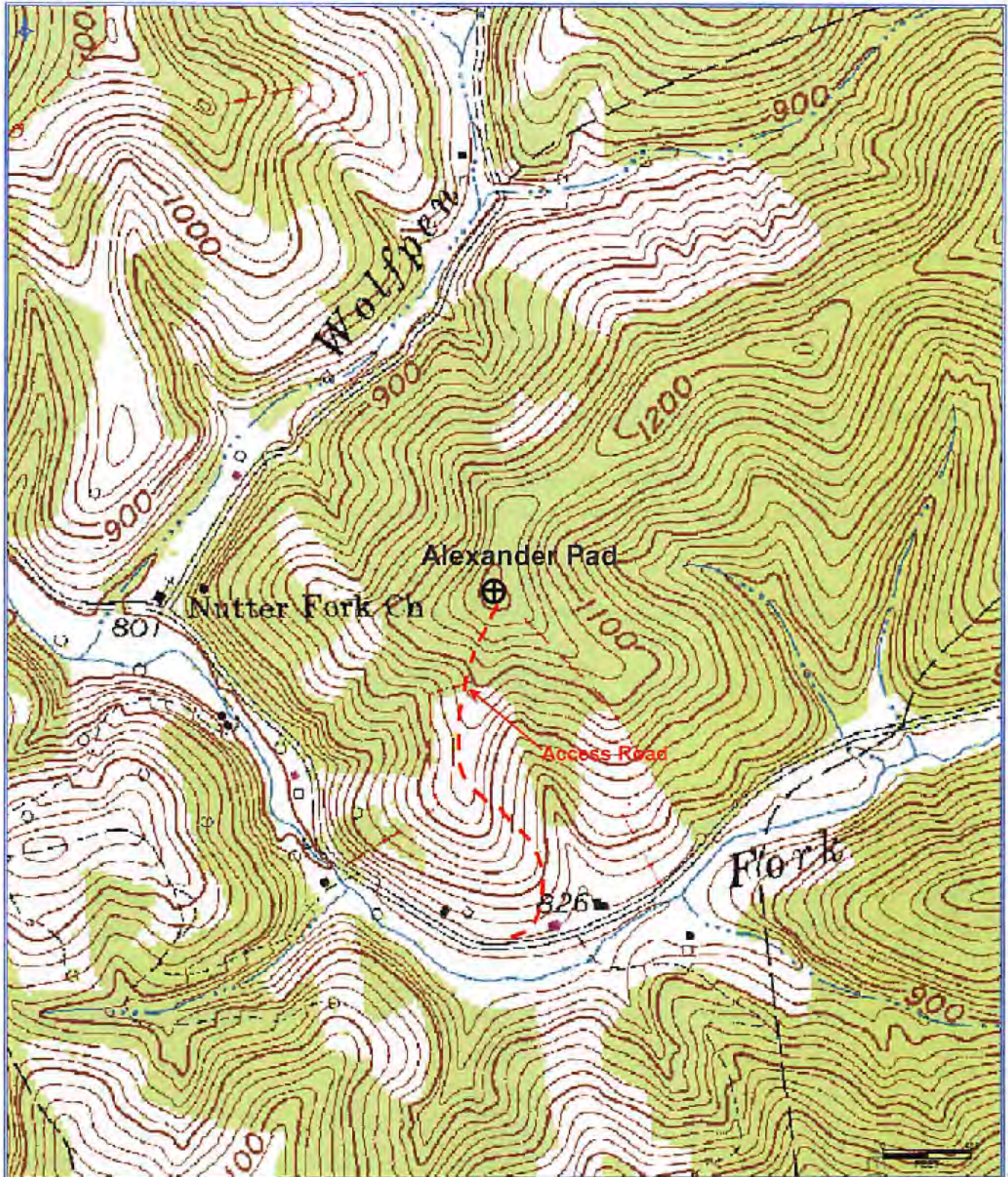
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: July 6 2017
Operator's Well No. Northrop Unit 2H
API WELL NO
47 - 017 - 06857
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: Existing Grade - 1194' Proposed Grade - 1181' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly William A. Farr, Carole Hanlon; Charles C. Smith, et al; William Ashburn Heirs; ACREAGE: 43.94 450; 71.5 45.8; 120
ROYALTY OWNER: Larry Williams; Charles Williams by Randy Williams, A.I.F.; Joseph Freeman, et ux. LEASE NO: ACREAGE: 428.51; 67; 600
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,400' 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



Antero Resources Corporation
 Appalachian Basin
 Northrop Unit 2H
 Doddridge County

Quadrangle: West Union
 Watershed: Middle Island Creek
 District: West Union
 Date: 6-2-2014

WV Department of
 Environmental Protection

JUL 10 2017

RECEIVED
 Office of Oil and Gas

09/22/2017