

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.

Bradley D. Miller
Bradley D. Miller, P.S. 2167

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Swanson Unit 1H Top Hole coordinates are
N: 272,300.08' Latitude: 39°14'30.04"
E: 1,668,002.26' Longitude: 80°40'19.92"
Bottom Hole coordinates are
N: 261,284.21' Latitude: 39°12'41.59"
E: 1,671,333.08' Longitude: 80°39'35.78"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,343,657.202m N: 4,340,318.166m
E: 528,303.220m E: 529,373.945m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Note: It appears 13 water wells and 1 spring was found within 2000' of proposed well. 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.

FILE NO: 88-30-NM-13
DRAWING NO: 88-13 Swanson 1H Well Plat
SCALE: 1" = 1600'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Bridgeport, WV

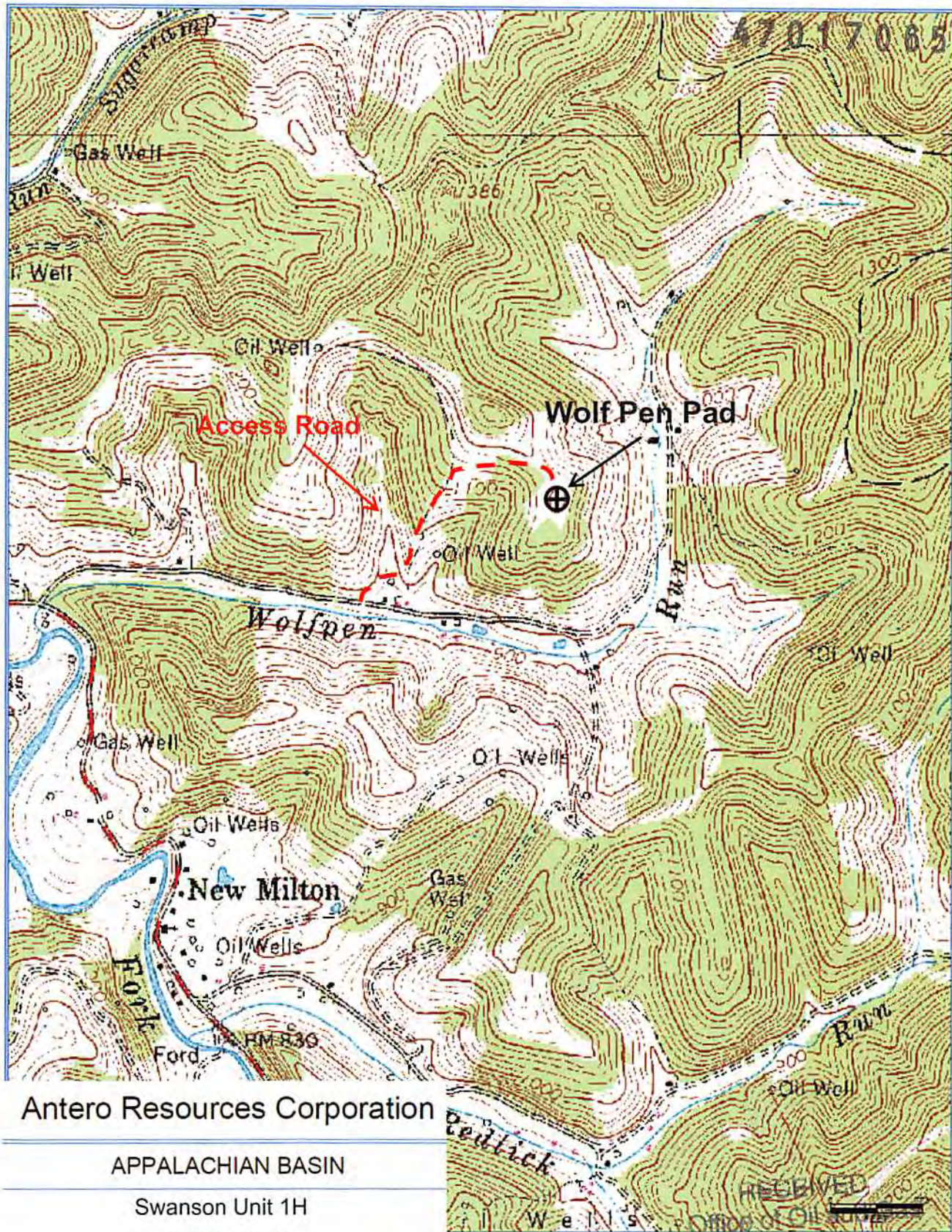
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: May 1 2014
OPERATOR'S WELL NO. Swanson Unit 1H
API WELL NO
47 - 017 - 06508 HGA
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1188' WATERSHED: Wolfpen Run of Meathouse Fork QUADRANGLE: New Milton
DISTRICT: New Milton COUNTY: Doddridge
SURFACE OWNER: Alvin D. Ross, et al Richard Wolfe; Stephanie S. Hecht; H.A.J.F. Douglas, et ux; Peter McDonald; ACREAGE: 44.1 29.586; 77.32; 122; 57;
ROYALTY OWNER: Louise P. Ross; Kenneth Moran, et ux; E.L. Davis; W.H.H. Douglas, et ux LEASE NO: ACREAGE: 48; 83.14; 52.5; 218
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,400' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,300' 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

07/18/2014



Antero Resources Corporation

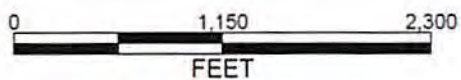
APPALACHIAN BASIN

Swanson Unit 1H

Doddridge County

Tom's Fork Prospect

By: KJM



April 22, 2014

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 MAY 09 2014
 WV Department of
 Environmental Protection