

2,543' to Bottom Hole

7,393' to Top Hole

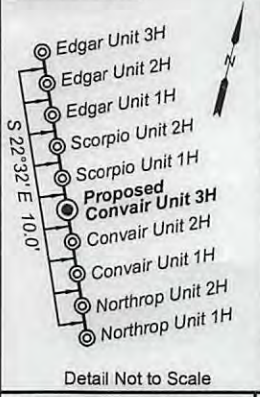
TOP HOLE LATITUDE 39 - 22 - 30
BTM HOLE LATITUDE 39 - 20 - 00

LONGITUDE 80 - 45 - 00
6,311' to Bottom Hole
14,200' to Top Hole

Antero Resources
Well No. Convair Unit 3H
Antero Resources Corporation

(-•-) Denotes Location of Well on
United States Topographical Maps

Wellhead Layout

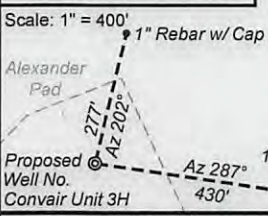


Bearing	Dist.	No	TM-Par	Owner	Bk/Pg	Acres
L1 N 69°52' E	1690.0'	1	7-19	Janet L. & James R. Fraley	185/112	2.60
L2 N 44°12' W	776.5'	2	4-34.4	Matthew W. Alexander & Linda Marie Muhly	320/629	4.50
L3 N 65°27' W	662.1'	3	4-32.1	Andy H. & Carrie K. Kurtz	349/322	20.00
L4 S 36°36' W	1072.5'	4	4-32	Matthew W. Alexander & Linda Marie Muhly	241/412	43.94
L5 N 25°39' W	1019.6'					

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Convair Unit 3H Top Hole coordinates are
N: 306,950.87' Latitude: 39°20'08.63"
E: 1,639,250.96' Longitude: 80°46'31.57"
Bottom Hole coordinates are
N: 299,665.21' Latitude: 39°18'57.27"
E: 1,643,890.39' Longitude: 80°45'31.23"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,354,067.330m N: 4,351,871.353m
E: 519,367.994m E: 520,818.424m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Detail Not to Scale

Well Location References

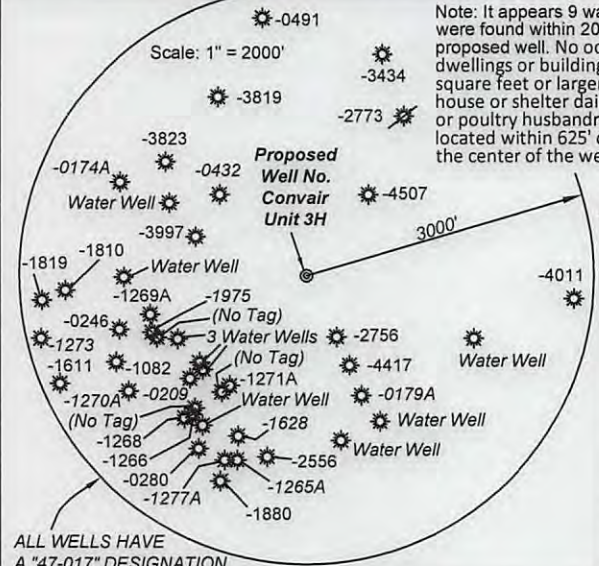


Legend

- Proposed gas well
- Found corner, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Surface tracts (approx.)
- Well (as noted)

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



Notes:
Well No. Convair Unit 3H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,284,254.33'
E: 1,703,912.53'
Point of Entry Coordinates
N: 14,284,862.13'
E: 1,705,488.80'
Bottom Hole Coordinates
N: 14,277,049.59'
E: 1,708,671.17'

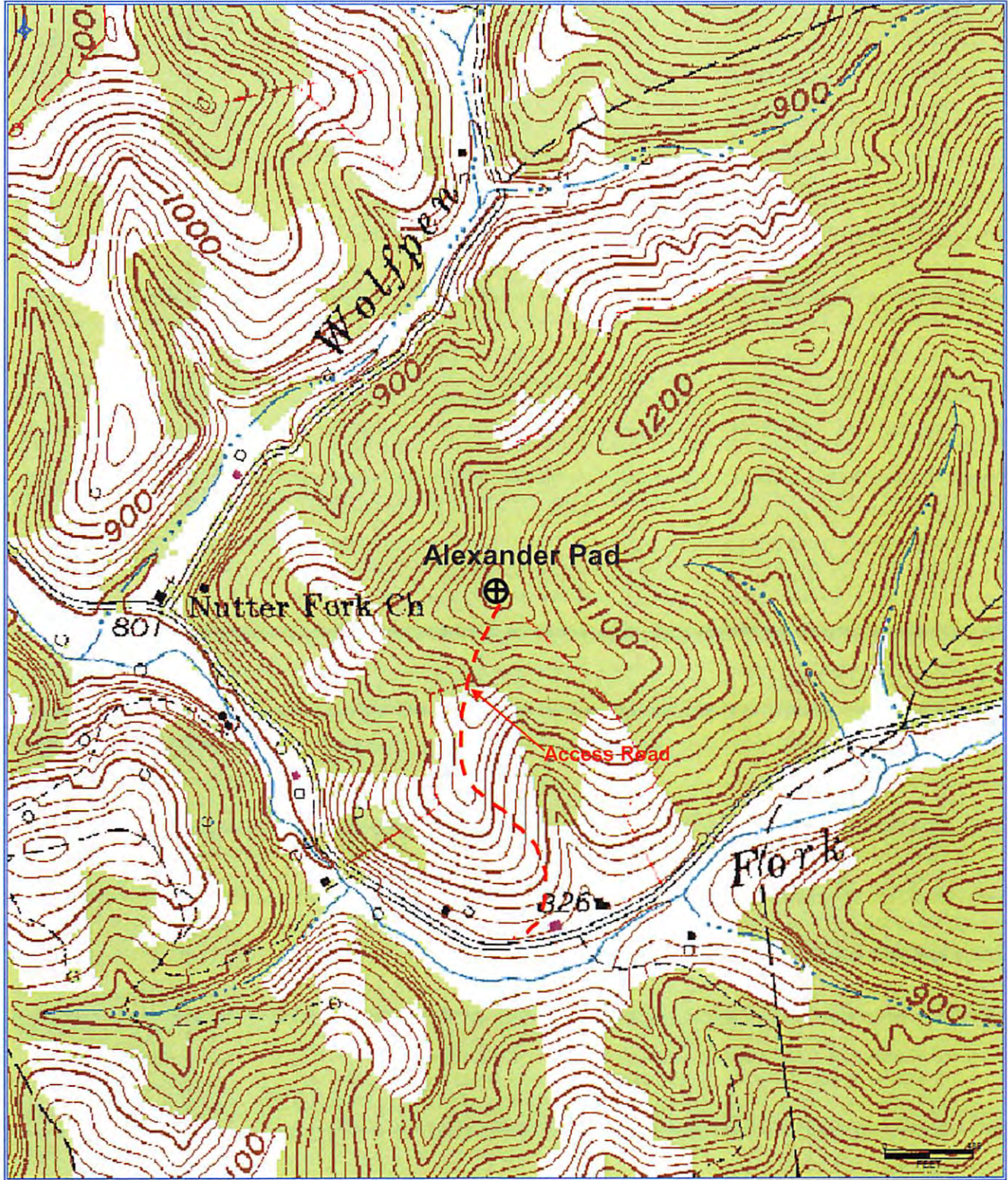


FILE NO: 47-30-WU-14
DRAWING NO: Convair 3H Well Plat 11-16
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

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

DATE: July 6 2017
Operator's Well No. Convair Unit 3H
API WELL NO
47 - 017 - 04853
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
Existing Grade - 1198'
LOCATION: ELEVATION: Proposed Grade - 1181' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly Carole Hanlon Janice Cowan (AKA) Janice Cowman ACREAGE: 43.94 428.56, 71.5 450; 40; 41
ROYALTY OWNER: Cassel Hale Williams; James R. Fraley, et ux; David Lipscomb; Larry Williams LEASE NO: ACREAGE: 41; 2.96; 428.51
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: 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



RECEIVED
Office of Oil and Gas
JUL 10 2017
WV Department of
Environmental Protection

Antero Resources Corporation

Appalachian Basin

Convair Unit 3H

Doddridge County

Quadrangle: West Union

Watershed: Middle Island Creek

District: West Union

Date: 6-2-2014

09/15/2017