

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. PHL13AHS Top Hole coordinates are
 N: 261,730.68 Latitude: 39°13'02.89"
 E: 1,654,811.32 Longitude: 80°00'44.77"

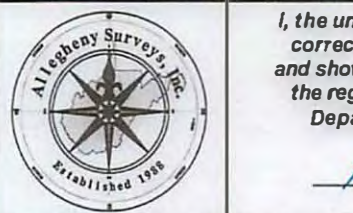
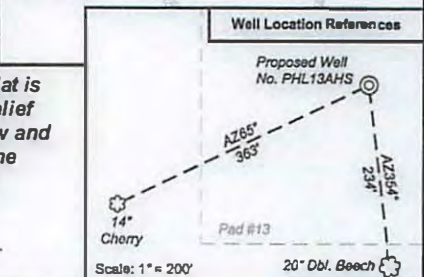
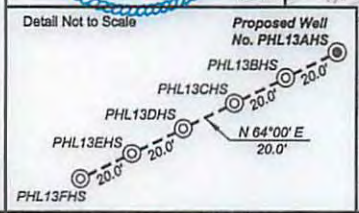
Landing #1 coordinates are
 N: 261,355.92 Lat: 39°12'59.30"
 E: 1,856,968.54 Long: 80°00'17.33"

Landing #2 coordinates are
 N: 260,984.74 Lat: 39°12'55.87"
 E: 1,857,580.35 Long: 80°00'09.78"

Bottom Hole coordinates are
 N: 255,976.68 Latitude: 39°12'06.34"
 E: 1,880,650.58 Longitude: 79°58'30.17"

UTM Zone 17, NAD 1983
 Top Hole Coord: N: 4,341,385.187m E: 585,270.428m
 Landing #1 Coord: N: 4,341,231.938m E: 585,929.577m
 Landing #2 Coord: N: 4,341,171.648m E: 586,111.765m
 Bottom Hole Coord: N: 4,339,681.893m E: 587,078.837m

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



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 regulations issued and prescribed by the Department of Environmental Protection.

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

FILE NO: 156-10-P-10
 DRAWING NO: 156-10 PHL13AHS Well Plat
 SCALE: 1" = 1200'
 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: December 4 20 12
 OPERATOR'S WELL NO. PH13AHS
 API WELL NO. 47 - 001 - 3220
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1520' WATERSHED Tygart Valley River
 QUADRANGLE: Phillippi DISTRICT: Pleasant COUNTY: Barbour
 SURFACE OWNER: Randall McCauley The Daywood Foundation 70643 ACREAGE: 20 170: 148
 OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Roger Scott Mitchell; Junior L. Morrell Peggy Chesser Sjoberg, et al; Ralph Plum, et ux DV014571; DV-22 ACREAGE: 83: 24
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FOR ATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,820' TVD 18,000 TMD

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Kent Wright
 ADDRESS: P.O. Box 1248 Jane Lew, WV 26378 ADDRESS: P.O. Box 1248 Jane Lew, WV 26378

05/10/2013

Topo Quad: Philippi 7.5'

Scale: 1" = 2000'

County: Barbour

Date: June 28, 2012

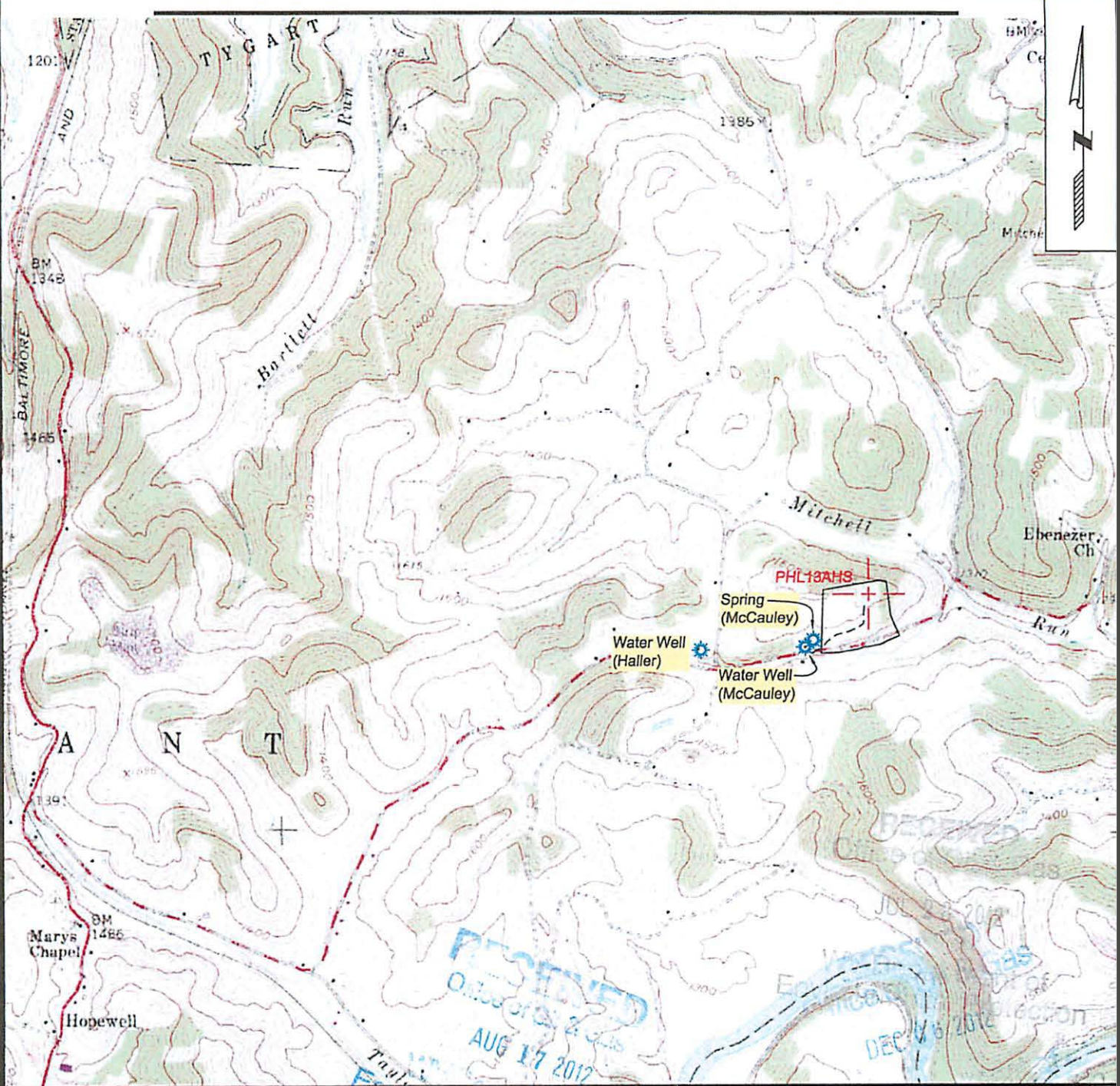
District: Pleasant

Project No: 156-10-P-10

1-03220 D

Water

PROPOSED CNX Gas Company LLC WELL NO. PHL13AHS



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

1-800-482-8606

172 THOMPSON DRIVE
 BRIDGEPORT, WV 26330
 PH: (304) 848-5035
 FAX: (304) 848-5037

PREPARED FOR:
CNX Gas Company LLC
 ONE ENERGY DRIVE
 P.O. BOX 1248
 JANE LEW, WV 26378
 05/10/2013