

**CNX Gas Company LLC
Well No. PHL13EHS**

	Bearing	Distance
L1	S 26°15' W	806.2'
L2	N 85°40' E	1393.2'
L3	N 37°55' W	705.2'
L4	S 84°11' E	615.2'
L5	S 35°57' W	685.0'
L6	S 01°22' E	687.2'

11,197' to Bottom Hole
3861' to Top Hole
TOP HOLE LATITUDE 39 - 15 - 00
BTM HOLE LATITUDE 39 - 12 - 30

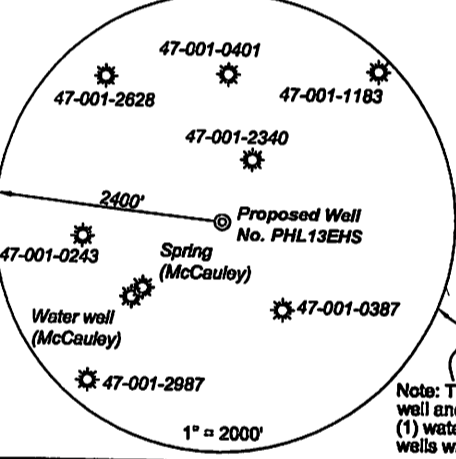
Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. PHL13EHS Top Hole coordinates are
N: 261,695.61 Latitude: 39°13'02.54"
E: 1,854,739.41 Longitude: 80°00'45.68"
Landing #1 coordinates are
N: 261,141.02 Lat: 39°12'57.03"
E: 1,854,337.34 Long: 80°00'50.75"
Landing #2 coordinates are
N: 260,454.00 Lat: 39°12'50.24"
E: 1,854,353.81 Long: 80°00'50.49"
Bottom Hole coordinates are
N: 253,035.98 Latitude: 39°11'37.18"
E: 1,858,928.23 Longitude: 79°59'51.87"
UTM Zone 17, NAD 1983
Top Hole Coord: N: 4,341,374.137m E: 585,248.697m
Landing #1 Coord: N: 4,341,203.132m E: 585,129.003m
Landing #2 Coord: N: 4,340,993.900m E: 585,137.498m
Bottom Hole Coord: N: 4,338,767.003m E: 586,568.140m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



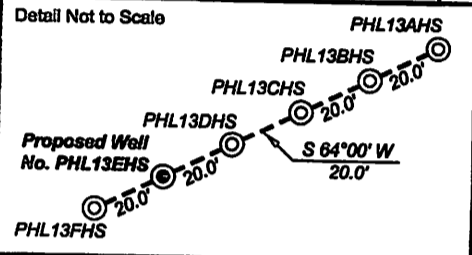
GRID NORTH

TOP HOLE LONGITUDE 80 - 00 - 00
BTM HOLE LONGITUDE 79 - 57 - 30
11,864' to Top Hole
5,285' to Bottom Hole

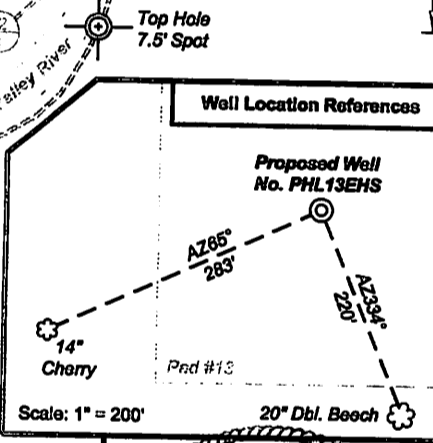
- Legend**
- ⊙ Proposed gas well
 - ⊗ Found monument, as noted
 - ⊛ Existing Well
 - 15/47 Tax Map / Parcel
 - Existing Road
 - Surface boundary (approx)
 - Creek or Drain



Note: There appears to be one (1) water well and one (1) spring within 2000', one (1) water well within 2500', and no deep wells within 3000' of proposed well

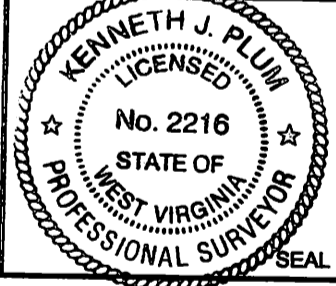


⊙ Denotes location of well on United States topographic maps



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: 158-10-P-10
DRAWING NO: 158-10 PHL13EHS 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 3 2012
OPERATOR'S WELL NO. PHL13EHS
API WELL NO
47 - 001 - 3238
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 Charles M. & Rosemary Bowmar h/w Pristine Resources; Michael P. Mitchell L210669/001 ACREAGE: 20
OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Peggy Chesser Sjoberg, et al 70887; 071053 LEASE NO: DV014571; 73120 ACREAGE: 200; 170
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,820' TVD 18,800' 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

02/15/2013

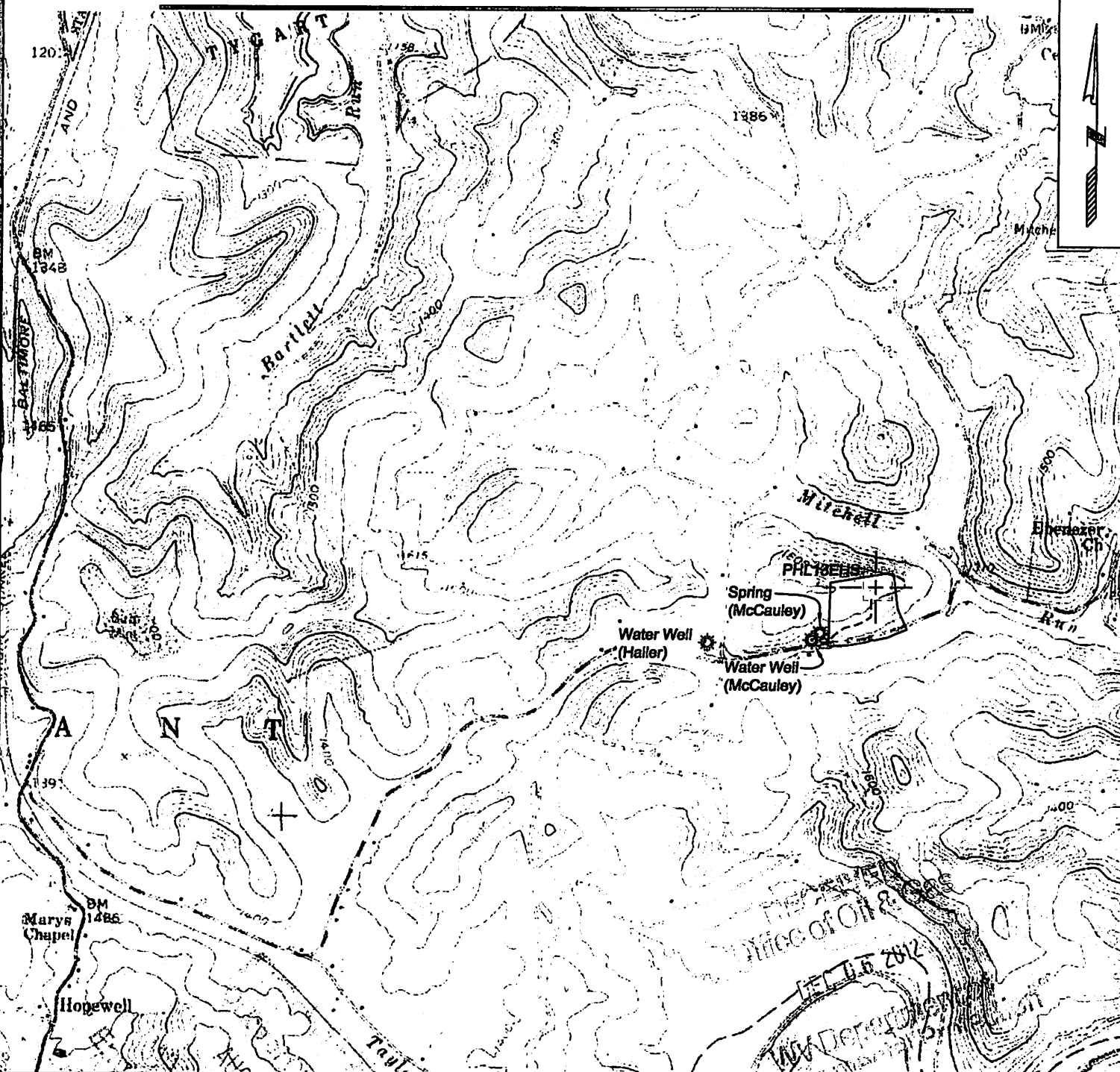
Topo Quad: Philippi 7.5' Scale: 1" = 2000'

County: Barbour Date: June 28, 2012

District: Pleasant Project No: 156-10-P-10

Water

PROPOSED CNX Gas Company LLC WELL NO. PHL13EHS



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608
 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

1-03238 W H6A PHL13EHS
 CNX GAS COMPANY LLC

Farm Name: McCauley, Randall