

**CNX Gas Company LLC**  
Well No. PHL13BHS

**Legend**

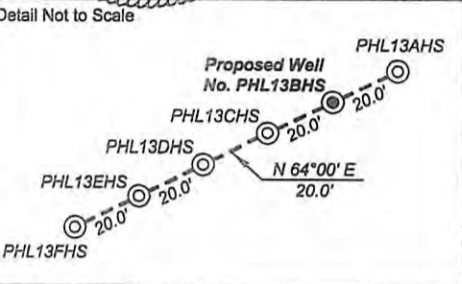
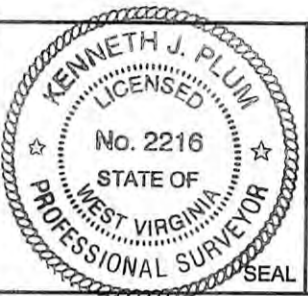
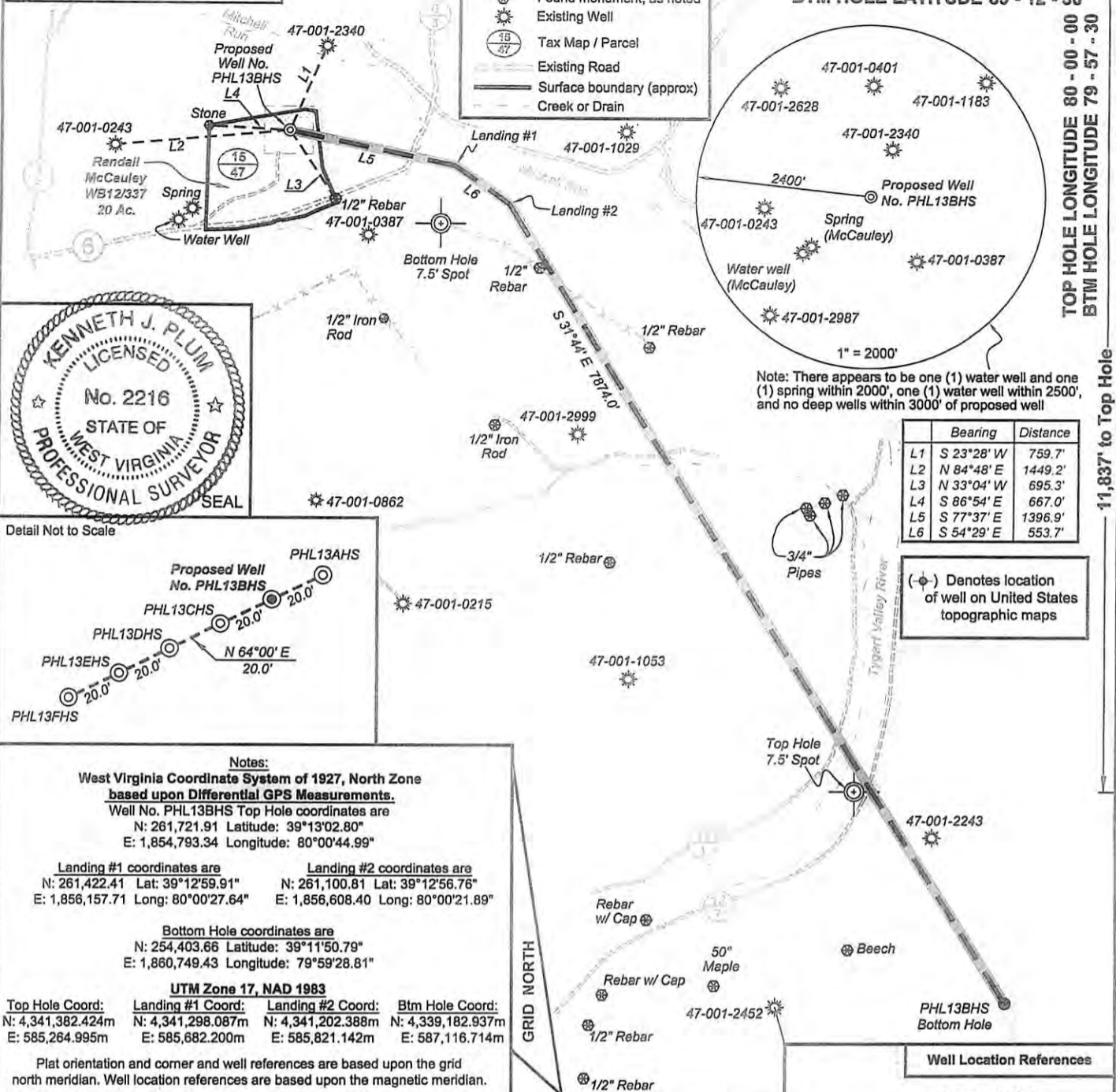
- ⊙ Proposed gas well
- ⊗ Found monument, as noted
- ☀ Existing Well
- ⊙ Tax Map / Parcel
- Existing Road
- Surface boundary (approx)
- - - Creek or Drain

9,374' to Bottom Hole  
3,607' to Top Hole  
**TOP HOLE LATITUDE 39 - 15 - 00**  
**BTM HOLE LATITUDE 39 - 12 - 30**

**TOP HOLE LONGITUDE 80 - 00 - 00**  
**BTM HOLE LONGITUDE 79 - 57 - 30**

11,837' to Top Hole

3,917' to Bottom Hole



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. PHL13BHS Top Hole coordinates are  
N: 261,721.91 Latitude: 39°13'02.80"  
E: 1,854,793.34 Longitude: 80°00'44.99"

Landing #1 coordinates are  
N: 261,422.41 Lat: 39°12'59.91"  
E: 1,856,157.71 Long: 80°00'27.64"

Landing #2 coordinates are  
N: 261,100.81 Lat: 39°12'56.76"  
E: 1,856,608.40 Long: 80°00'21.89"

Bottom Hole coordinates are  
N: 254,403.66 Latitude: 39°11'50.79"  
E: 1,860,749.43 Longitude: 79°59'28.81"

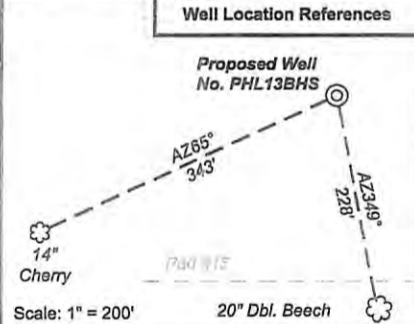
**UTM Zone 17, NAD 1983**  
Top Hole Coord: N: 4,341,382.424m E: 585,264.995m  
Landing #1 Coord: N: 4,341,298.087m E: 585,682.200m  
Landing #2 Coord: N: 4,341,202.388m E: 585,821.142m  
Btm Hole Coord: N: 4,339,182.937m E: 587,116.714m

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 PHL13BHS 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 2012  
OPERATOR'S WELL NO. PH13BHS  
API WELL NO  
47 - 001 - 322146A  
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: Philippi DISTRICT: Pleasant COUNTY: Barbour

SURFACE OWNER: Randall McCauley Junior L. Morrell; The Daywood Foundation 071053; 70643 ACREAGE: 20 170; 146  
Peggy Chesser Sjoberg, et al; Ralph Plum, et ux DV014571; DV-22 200; 63; 24

OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Roger Scott Mitchell; Pristine Resources LEASE NO: 70667; 70641; 70644 ACREAGE: 92; 86.81

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  FLOG 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 ADDRESS: P.O. Box 1248  
Jane Lew, WV 26378 Jane Lew, WV 26378

Topo Quad: Philippi 7.5'

Scale: 1" = 2000' 1-3221DD

County: Barbour

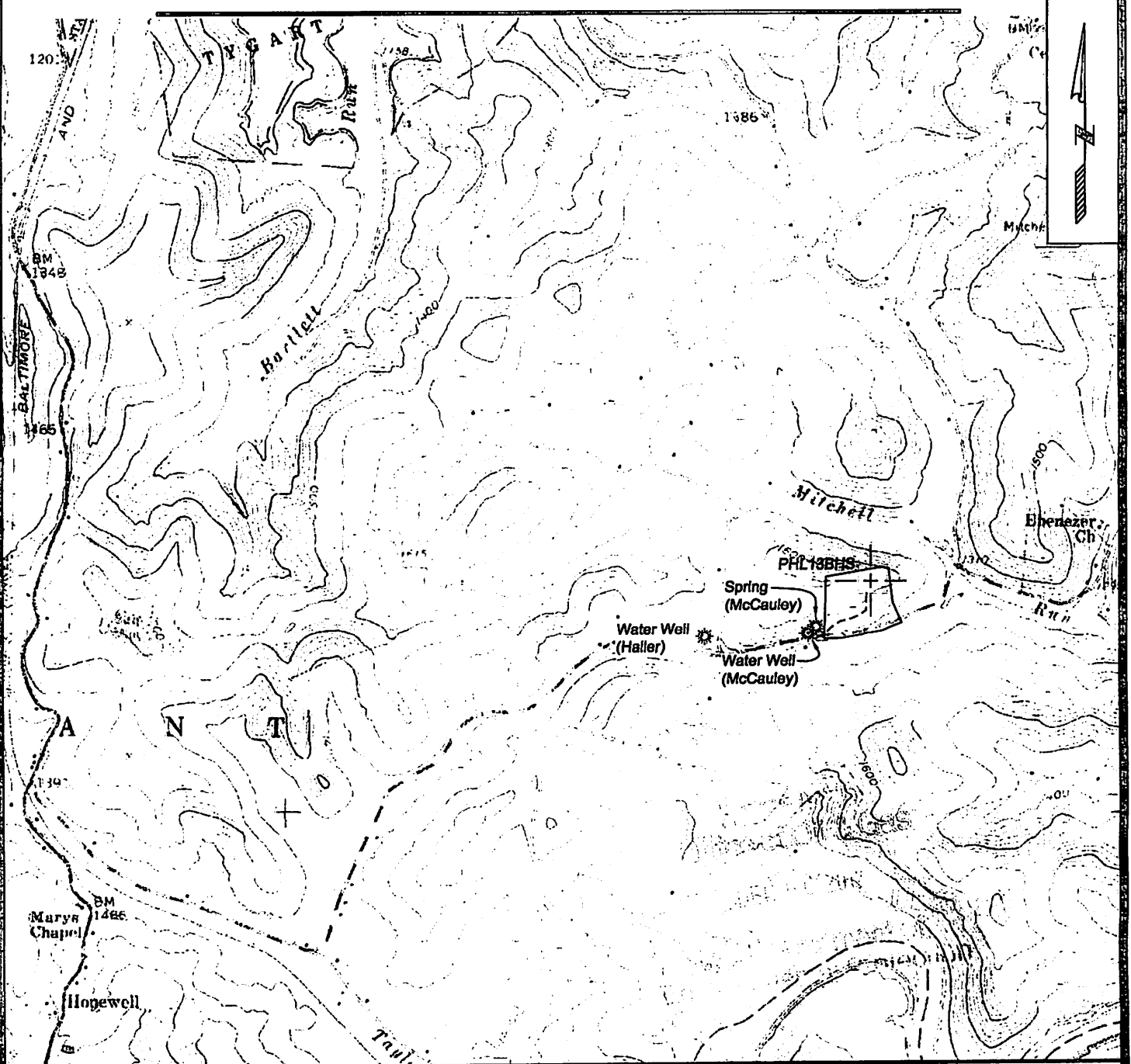
Date: June 28, 2012

District: Pleasant

Project No: 156-10-P-10

Water

**PROPOSED CNX Gas Company LLC WELL NO. PHL13BHS**



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**

P.O. BOX 438  
BIRCH RIVER, WV 26610  
PH: (304) 649-8608  
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