

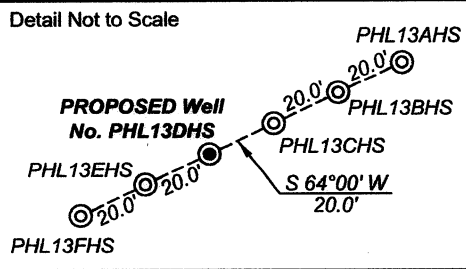
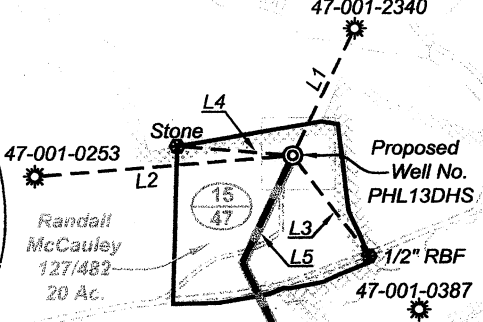
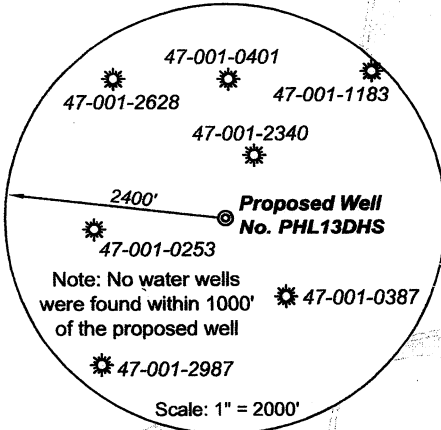
1200' to Bottom Hole

3,643' to Top Hole
LATITUDE 39 - 15 - 00

	Bearing	Distance
L1	S 25°21' W	790.5'
L2	N 85°22' E	1411.8'
L3	N 36°19' W	701.3'
L4	S 85°08' E	632.3'
L5	S 24°41' W	658.2'

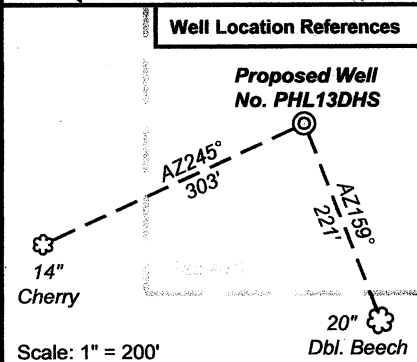
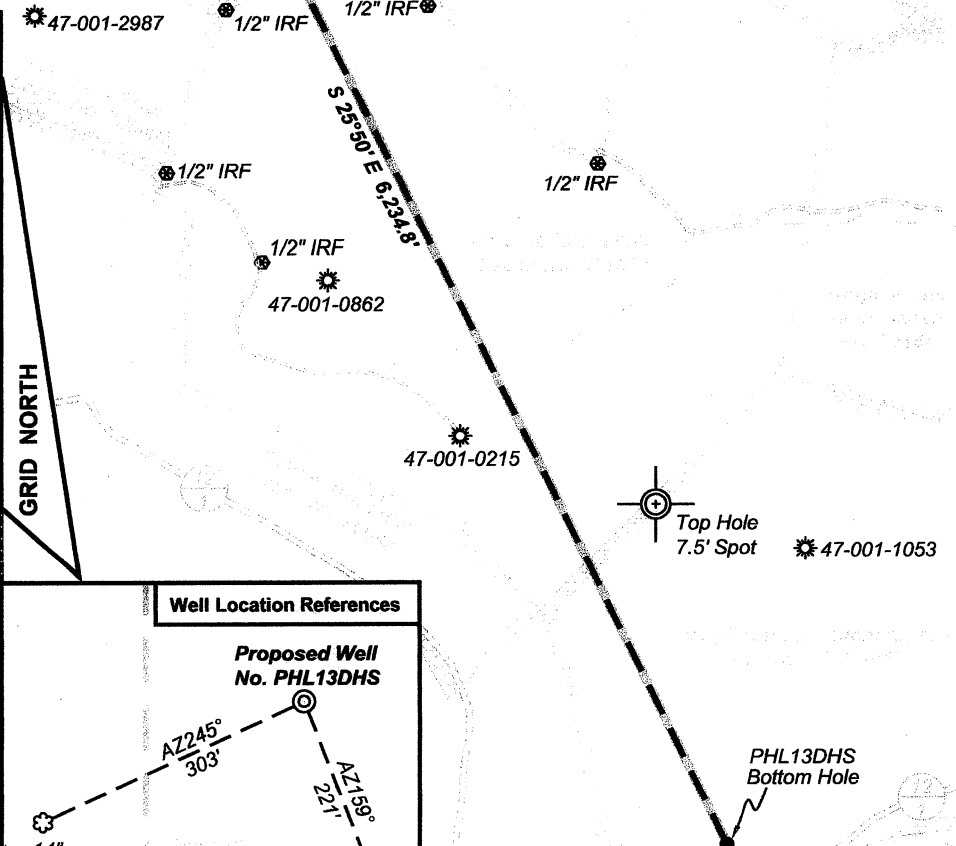
CNX Gas Company LLC
Well No. PHL13DHS

(⊕) Denotes location of well on United States topographic maps



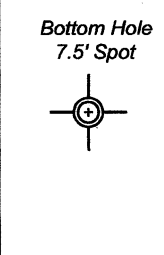
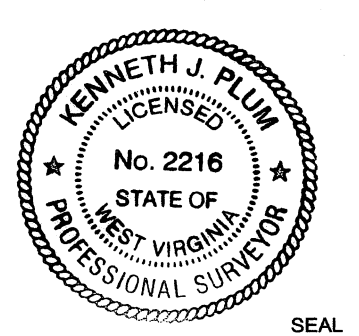
Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well PHL13DHS Top Hole coordinates are
N: 261,704.38 Latitude: 39-13-02.62
E: 1,854,757.39 Longitude: 80-00-45.45
Landing coordinates are
N: 261,106.31 Latitude: 39-12-56.70
E: 1,854,482.50 Longitude: 80-00-48.90
Bottom Hole coordinates are
N: 255,494.96 Latitude: 39-12-01.39
E: 1,857,200.04 Longitude: 80-00-13.97
UTM Zone 17, NAD 1983
Top Hole Coord: Landing Coord: Btm Hole Coord:
N: 4,341,376.90m N: 4,341,193.29m N: 4,339,497.44m
E: 585,254.13m E: 585,173.41m E: 586,029.77m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

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



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 #: 156-10 PHL13DHS Well Plat
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

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

DATE: September 30 20 11
OPERATOR'S WELL NO. PHL13DHS
API WELL NO: _____
47 - 001 - C3225
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 ACREAGE: 20
OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Peggy Chesser Sjoberg, et al; LEASE NO: 70667; 071053; DV014571 ACREAGE: 92; 200
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: 15,210' TMD 7,820' TVD

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

12/23/2011