

651' to Bottom Hole

3,625' to Top Hole
LATITUDE 39 - 15 - 00

LONGITUDE 80 - 00 - 00

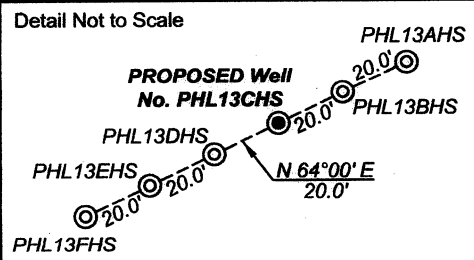
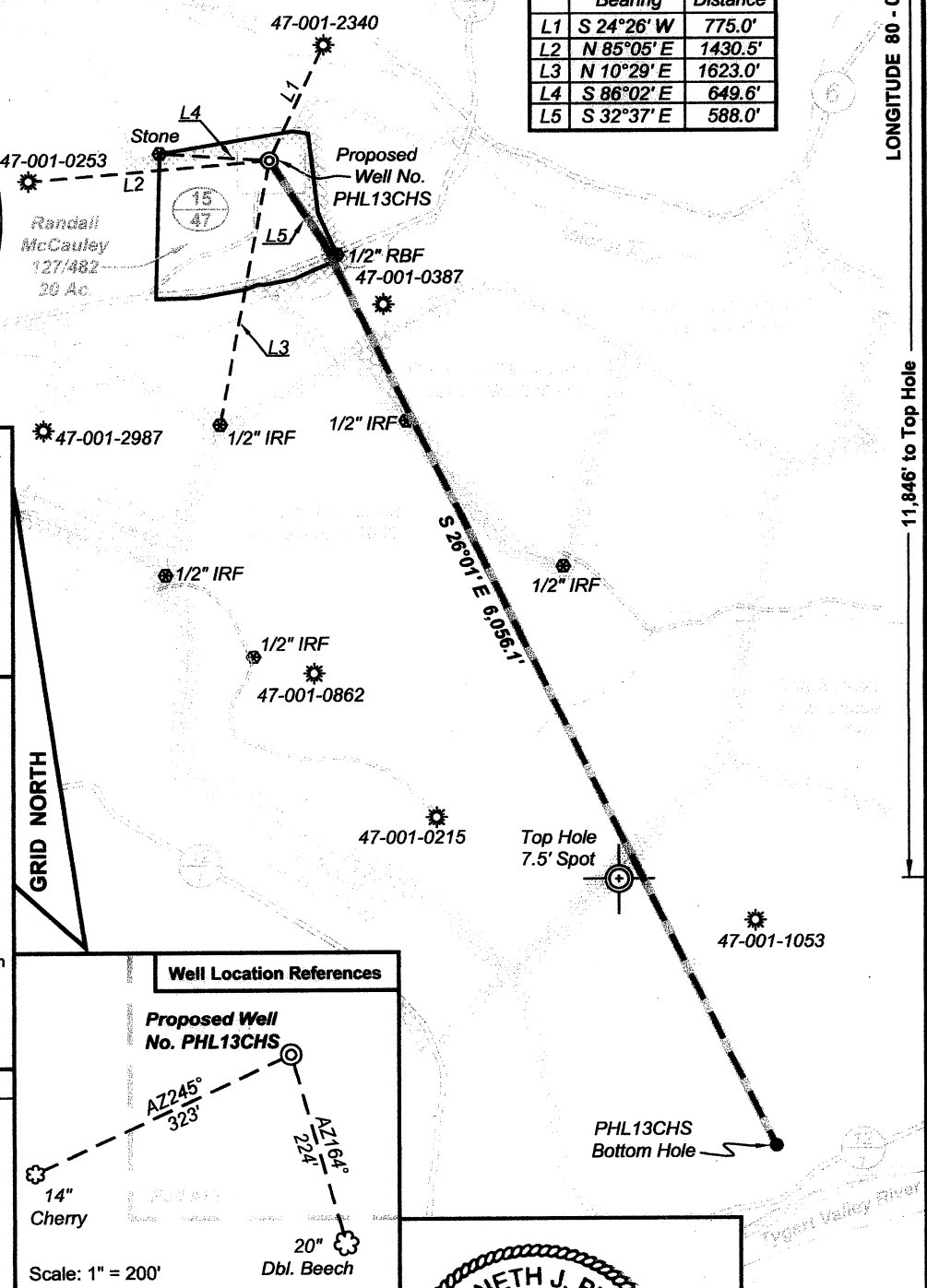
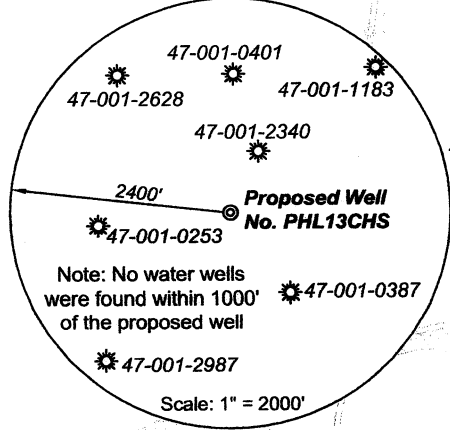
11,846' to Top Hole

17,783' to Bottom Hole

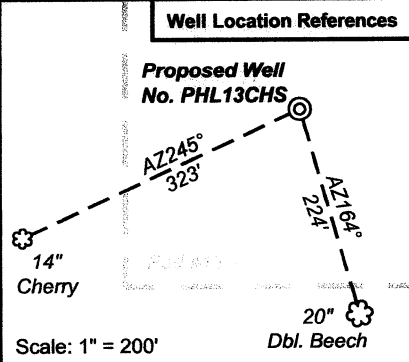
CNX Gas Company LLC
Well No. PHL13CHS

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

	Bearing	Distance
L1	S 24°26' W	775.0'
L2	N 85°05' E	1430.5'
L3	N 10°29' E	1623.0'
L4	S 86°02' E	649.6'
L5	S 32°37' E	588.0'



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well PHL13CHS Top Hole coordinates are
 N: 261,713.14 Latitude: 39-13-02.71
 E: 1,854,775.36 Longitude: 80-00-45.22
 Landing coordinates are
 N: 261,217.93 Latitude: 39-12-57.83
 E: 1,855,092.32 Longitude: 80-00-41.16
 Bottom Hole coordinates are
 N: 255,775.85 Latitude: 39-12-04.19
 E: 1,857,749.31 Longitude: 80-00-07.01
UTM Zone 17, NAD 1983
 Top Hole Coord: Landing Coord: Btm Hole Coord:
 N: 4,341,379.66m N: 4,341,230.39m N: 4,339,585.80m
 E: 585,259.56m E: 585,358.64m E: 586,195.70m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

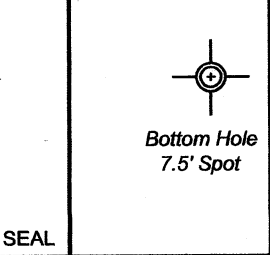
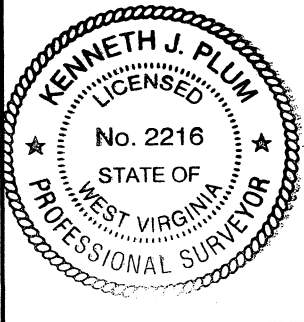


- Legend**
- ☉ Proposed gas well
 - ☉ Found monument, as noted
 - 15/47 Tax Map / Parcel
 - ☉ Existing Well
 - Existing Road
 - Surface boundary (approximate)
 - Creek or Drain



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 PHL13CHS 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. PHL13CHS
 API WELL NO: _____
 STATE 47 COUNTY 001 PERMIT 0322

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 Peggy Chesser Sjoberg, et al; Claris McDaniel, et al
 OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Roger Scott Mitchell; Pristine Resources 071053; DV014571
 LEASE NO: 70667; 70641; 070676 ACREAGE: 92; 86.81
 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: 14,750' TMD
 7,820' TVD

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

DESIGNATED AGENT: Kent Wright ADDRESS: P.O. Box 1248
 Jane Lew, WV 26378