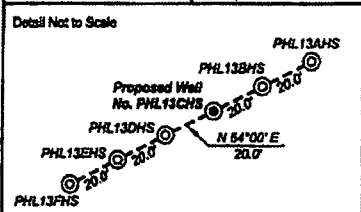
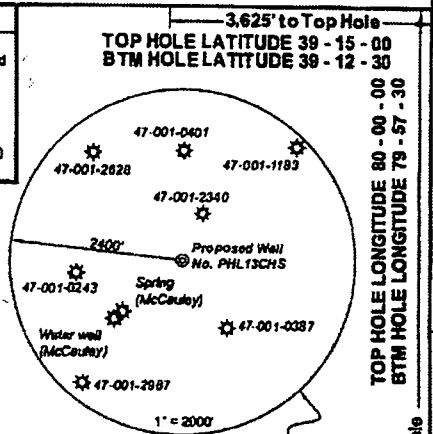
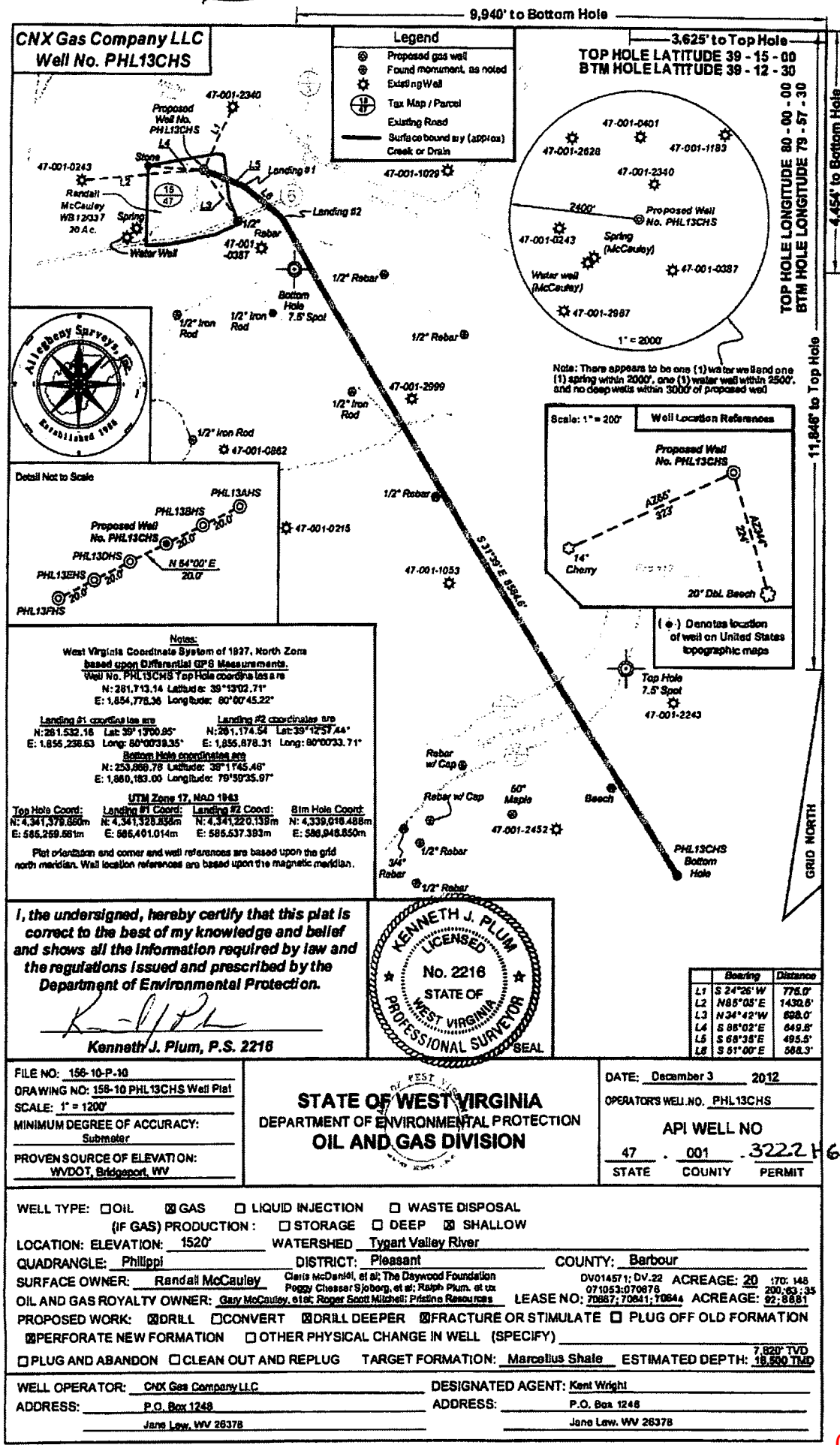


47-001-03222

AS-DRILLED PLAT

PHL13CHS



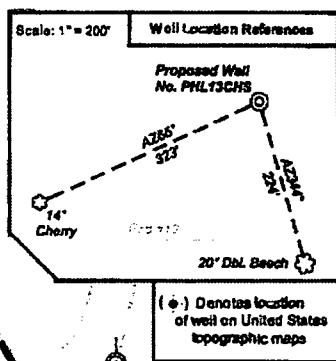
**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. PHL13CHS Top Hole coordinates are  
 N: 261,713.14 Lat: 39°13'02.71" E: 1,854,778.36 Longitude: 80°00'45.22"

**Landing #1 coordinates are** N: 261,532.16 Lat: 39°13'00.95" E: 1,855,236.63 Long: 80°00'39.35"  
**Landing #2 coordinates are** N: 261,174.54 Lat: 39°12'57.44" E: 1,855,878.31 Long: 80°00'33.71"

**Bottom Hole coordinates are** N: 253,868.78 Lat: 39°14'45.46" E: 1,860,183.00 Longitude: 79°59'25.97"

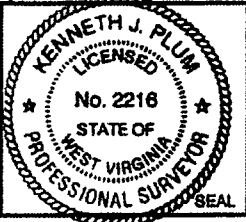
**UTM Zone 17, NAD 1983**  
 Top Hole Coord: N: 4,341,378.850m E: 585,269.681m  
 Landing #1 Coord: N: 4,341,328.858m E: 585,401.014m  
 Landing #2 Coord: N: 4,341,220.138m E: 585,537.393m  
 Btm Hole Coord: N: 4,339,918.488m E: 586,948.850m

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



	Bearing	Distance
L1	S 24°26'W	776.0'
L2	N 85°05'E	1430.6'
L3	N 34°42'W	698.0'
L4	S 88°02'E	649.8'
L5	S 68°38'E	495.5'
L6	S 81°00'E	584.3'

FILE NO: 158-10-P-10  
 DRAWING NO: 158-10 PHL13CHS 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. PHL13CHS  
 API WELL NO  
 47 . 001 . 3222 H 6A  
 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  
 OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Roger Scott Mitchell; Priscilla Rousseau  
 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: 7,825' TVD / 18,550' THD

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

04/25/2014