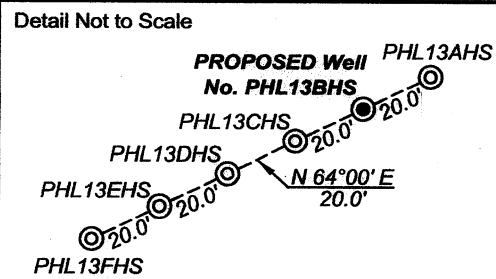
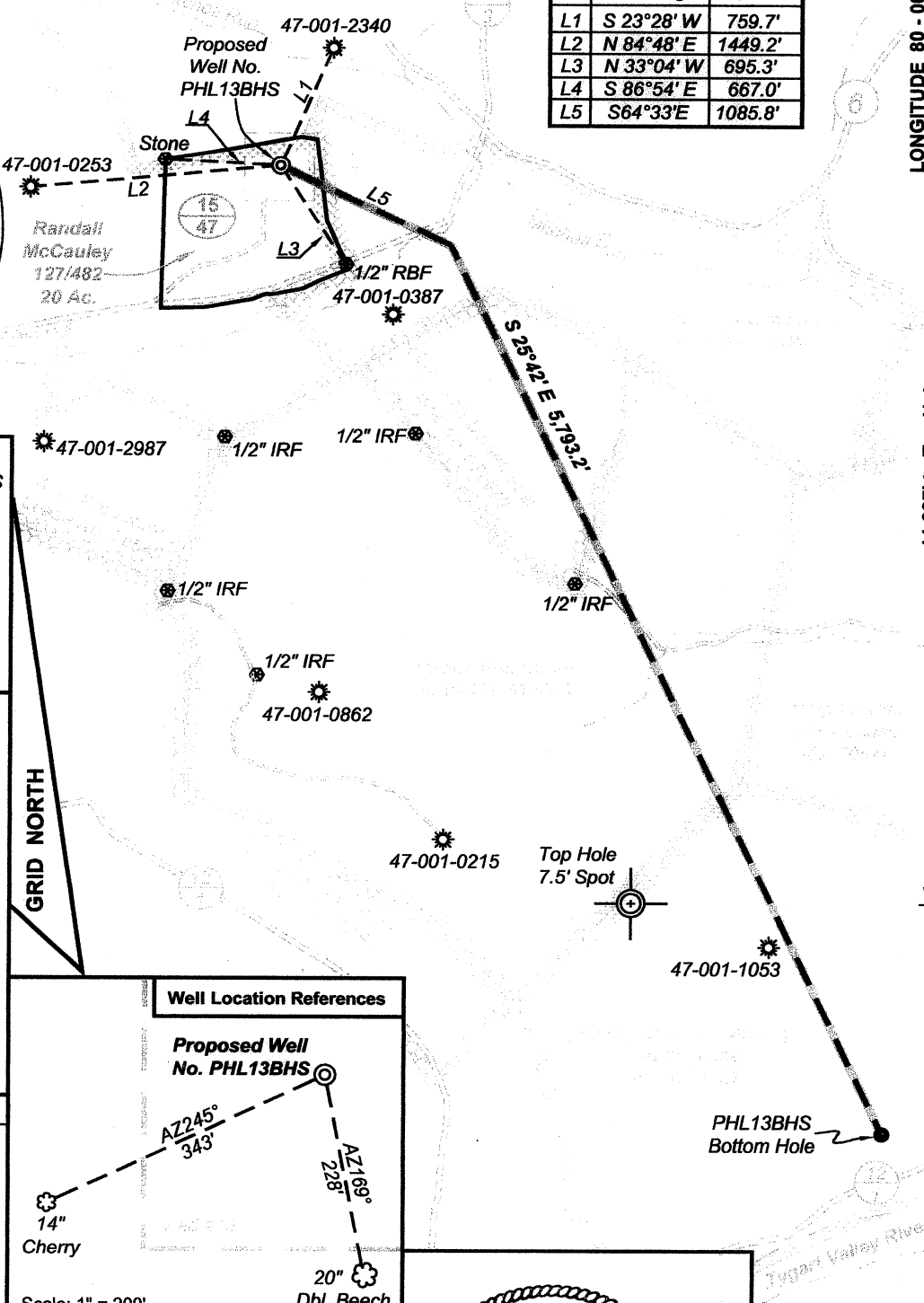
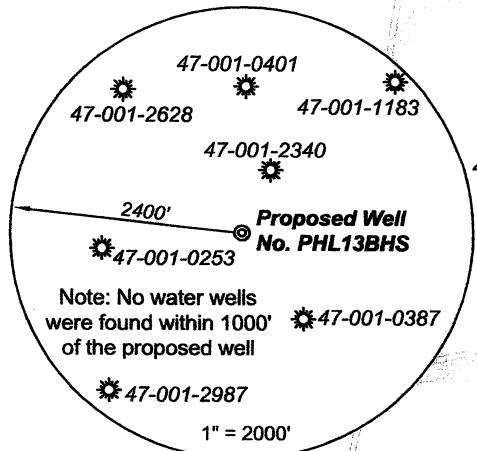


**CNX Gas Company LLC**  
**Well No. PHL13BHS**

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

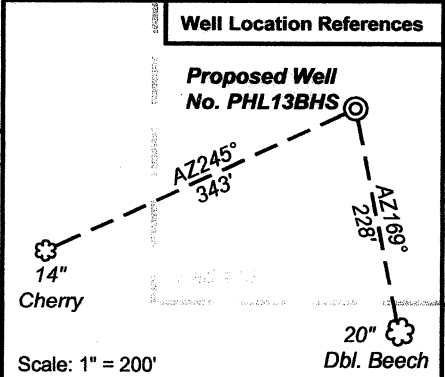
114' to Bottom Hole  
3,607' to Top Hole  
LATITUDE 39 - 15 - 00

	Bearing	Distance
L1	S 23°28' W	759.7'
L2	N 84°48' E	1449.2'
L3	N 33°04' W	695.3'
L4	S 86°54' E	667.0'
L5	S 64°33' E	1085.8'



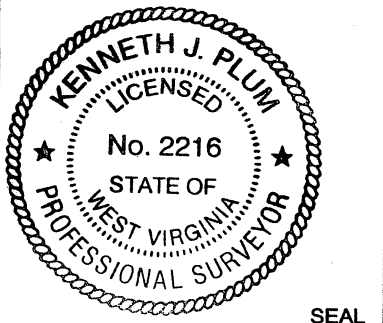
**Notes:**  
**West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.**  
Well PHL13BHS Top Hole coordinates are  
N: 261,721.91 Latitude: 39-13-02.80  
E: 1,854,793.34 Longitude: 80-00-44.99  
Landing coordinates are  
N: 261,255.22 Latitude: 39-12-58.24  
E: 1,855,773.69 Longitude: 80-00-32.50  
Bottom Hole coordinates are  
N: 256,035.37 Latitude: 39-12-06.79  
E: 1,858,286.51 Longitude: 80-00-00.21  
**UTM Zone 17, NAD 1983**  
Top Hole Coord: Landing Coord: Btm Hole Coord:  
N: 4,341,382.42m N: 4,341,245.20m N: 4,339,667.59m  
E: 585,265.00m E: 585,566.05m E: 586,358.05m  
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
  - ⊕ Tax Map / Parcel
  - 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 PHL13BHS 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. **PHL13BHS**  
API WELL NO.: \_\_\_\_\_  
**47 - 001 - 0322**  
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: **20 170**  
OIL AND GAS ROYALTY OWNER: **Gary McCauley, et al; Roger Scott Mitchell; Pristine Resources** 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: **15,260' 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**