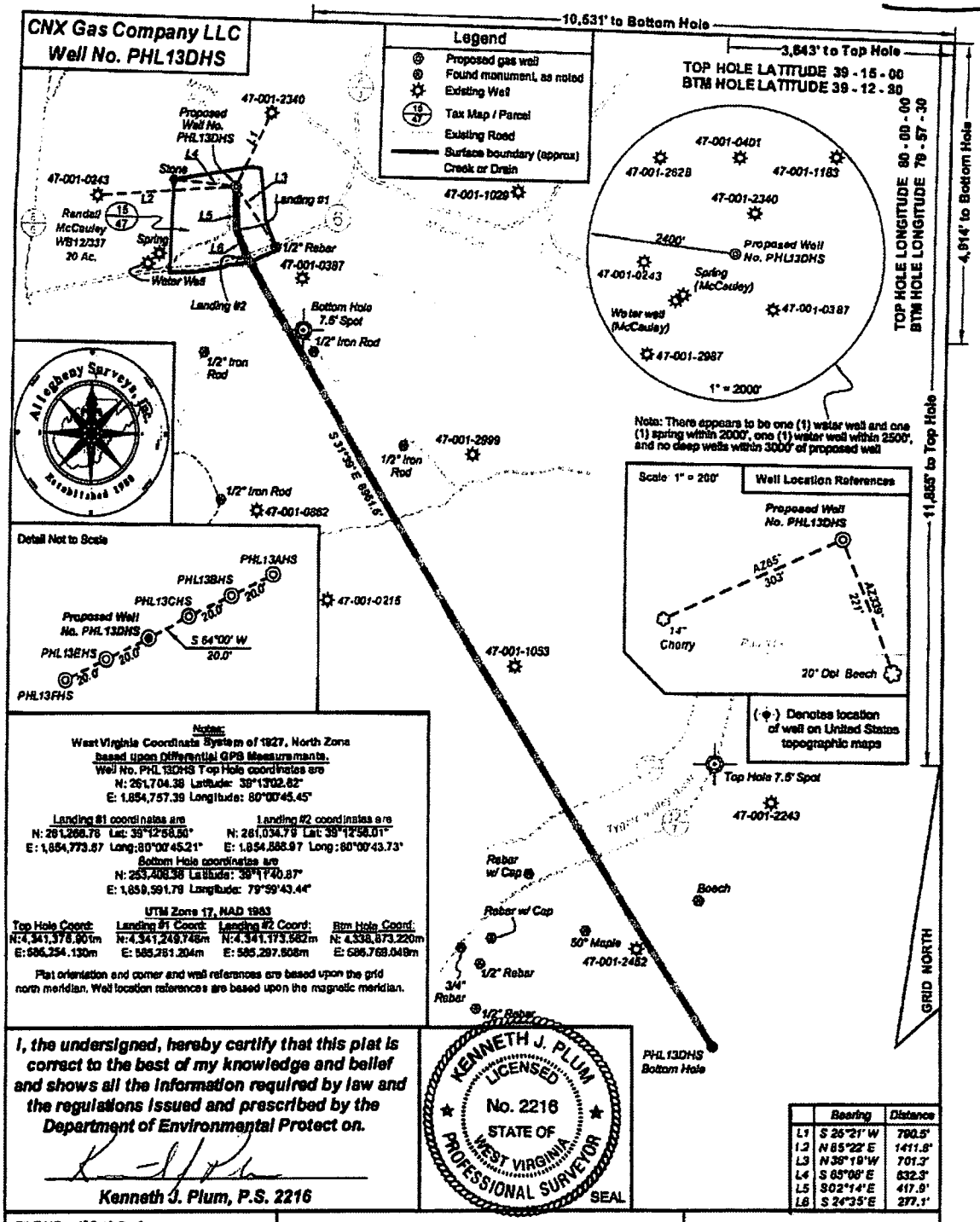
47-001-03223

AS-DRILLED PLAT

PHL13DHS

CNX Gas Company LLC
Well No. PHL13DHS



Notes:
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. PHL13DHS Top Hole coordinates are
N: 261,704.38 Latitude: 39°13'02.82"
E: 1,854,757.39 Longitude: 80°00'45.45"

Landing #1 coordinates are
N: 261,266.76 Lat: 39°12'58.50"
E: 1,854,773.87 Long: 80°00'45.21"

Landing #2 coordinates are
N: 261,034.79 Lat: 39°12'56.01"
E: 1,854,888.97 Long: 80°00'43.73"

Bottom Hole coordinates are
N: 253,408.38 Latitude: 39°11'40.87"
E: 1,859,591.78 Longitude: 79°59'43.44"

UTM Zone 17, NAD 1983

Top Hole Coord:	Landing #1 Coord:	Landing #2 Coord:	Btm Hole Coord:
N:4,341,378.90m	N:4,341,249.746m	N:4,341,173.582m	N: 4,338,873.220m
E:585,254.130m	E:585,261.204m	E: 585,297.508m	E: 586,768.049m

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

	Bearing	Distance
L1	S 25°21' W	790.5'
L2	N 85°22' E	1411.8'
L3	N 39°19' W	701.3'
L4	S 65°06' E	632.3'
L5	S 02°14' E	417.9'
L6	S 24°35' E	277.1'

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, P.S. 2216

KENNETH J. PLUM LICENSED No. 2216 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR SEAL

FILE NO: 156-10-P-10
DRAWING NO: 156-10 PHL13DHS Well Plat
SCALE: 1" = 1 00'
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
OPERATORS WELL NO. PHL13DHS

API WELL NO
47 - 001 - 3223H61
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 Peggy Chesser Sjoberg, et al; Lovada & Murl Patrick Mitchell Charles M. & Rosemary Bowmer, h/w DV014571 ACREAGE: 20 203: 13.385 200: 170
OIL AND GAS ROYALTY OWNER: Gary McCauley, et al; Roger Scott Mitchell; Pristine Resources 071053: L210853 LEASE NO: 70667; 70641; 73120 ACREAGE: 92: 88.81
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: 7,820' TVD 16,500 TMD

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

04/25/2014