

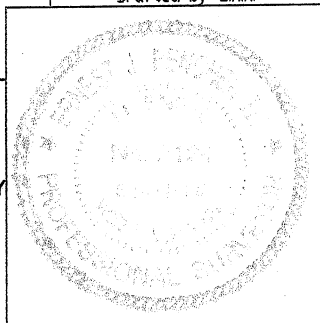
REFERENCE LINES	
RL #1	N 71°36'30" E 999'
KOP (NAD 27)	N) 630522.1 E) 1698930.3 LAT.) 40°13'34.1" LONG.) 80°34'41.5" DEC. LAT.) 40.226125 DEC. LONG.) 80.578190
KOP (NAD 83)	N) 630559.1 E) 1667495.8 LAT.) 40°13'34.3" LONG.) 80°34'40.7" DEC. LAT.) 40.226196 DEC. LONG.) 80.577985
TP (NAD 27)	N) 630039.6 E) 1699097.5 LAT.) 40°13'29.3" LONG.) 80°34'39.3" DEC. LAT.) 40.224806 DEC. LONG.) 80.577571
TP (NAD 83)	N) 630076.7 E) 1667663.0 LAT.) 40°13'29.6" LONG.) 80°34'38.5" DEC. LAT.) 40.224878 DEC. LONG.) 80.577368

TOP HOLE (NAD 83)	TOP HOLE (NAD 27)
N) 629761.5 E) 1666715.0 LAT.) 40°13'26.3" LONG.) 80°34'50.7" DEC. LAT.) 40.223981 DEC. LONG.) 80.580747	N) 629724.4 E) 1698149.5 LAT.) 40°13'26.1" LONG.) 80°34'51.4" DEC. LAT.) 40.223910 DEC. LONG.) 80.580952
BOTTOM HOLE (NAD 83)	BOTTOM HOLE (NAD 27)
N) 624245.5 E) 1669670.9 LAT.) 40°12'32.2" LONG.) 80°34'11.7" DEC. LAT.) 40.208938 DEC. LONG.) 80.569927	N) 624208.4 E) 1701105.4 LAT.) 40°12'31.9" LONG.) 80°34'12.5" DEC. LAT.) 40.208867 DEC. LONG.) 80.570132

REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia JULY 2011
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
 Drafted by: E.A.M.

FILE #: CHE 087
 DRAWING #: 1805
 SCALE: 1"=1200'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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.
 Signed:
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304
 Well Type: Oil Waste Diposal Production Deep Gas Liquid Injection Storage Shallow
 WATERSHED: UPPER OHIO SOUTH
 COUNTY/DISTRICT: BROOKE-09/CROSS CREEK
 SURFACE OWNER: JOHN PRATHER, JR AND LINDA RUTH GOOD
 OIL & GAS ROYALTY OWNER: JOHN PRATHER, JR AND LINDA RUTH GOOD
 LEASE NUMBERS:

DATE: AUGUST 24, 2011
 OPERATOR'S WELL #: JOHN GOOD JR BRK 10H
 API WELL #: 47 09 00114H
 STATE COUNTY PERMIT
 ELEVATION: 1,145'
 QUADRANGLE: BETHANY WV.
 ACREAGE: 66.569 +/-
 ACREAGE: 1,382.189 +/-
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
 TARGET FORMATION: MARCELLUS
 ESTIMATED DEPTH: TVD: 6,000' TMD: 12,167'
 WELL OPERATOR : CHESAPEAKE APPALACHIA, LLC.
 DESIGNATED AGENT : ERIC B. GILLESPIE
 ADDRESS: PO BOX 18496
 ADDRESS: Po Box 6070
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

9-001144

