



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 Ohio County, West Virginia JANUARY 2011
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

REFERENCE LINES
RL #1
N 70°00'00" E 1012'

<p>KOP (NAD 27) N) 608752.2 E) 1699856.4 LAT.) 40°09'59.0" LONG.) 80°34'26.2" DEC. LAT.) 40.166400 DEC. LONG.) 80.573942</p>	<p>TP (NAD 27) N) 609222.1 E) 1699685.4 LAT.) 40°10'03.7" LONG.) 80°34'28.5" DEC. LAT.) 40.167684 DEC. LONG.) 80.574574</p>
<p>KOP (NAD 83) N) 608789.3 E) 1668421.9 LAT.) 40°09'59.3" LONG.) 80°34'25.5" DEC. LAT.) 40.166472 DEC. LONG.) 80.573737</p>	<p>TP (NAD 83) N) 609259.1 E) 1668251.0 LAT.) 40°10'03.9" LONG.) 80°34'27.7" DEC. LAT.) 40.167756 DEC. LONG.) 80.574369</p>

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.

FILE #: CHE 025
DRAWING #: 1489
SCALE: 1"=1200'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

Signed: *[Signature]*
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

DATE: JUNE 10, 2011
OPERATOR'S WELL #: LARRY BALL OHI 5H
API WELL #: 47 69
STATE COUNTY PERMIT: Revised 00067H MOD.

Well Type: Oil Waste Dposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,340'
COUNTY/DISTRICT: OHIO/LIBERTY QUADRANGLE: BETHANY WV.
SURFACE OWNER: LARRY G. BALL ACREAGE: 130.457 +/-
OIL & GAS ROYALTY OWNER: LARRY G. BALL ACREAGE: 788.515 +/-
LEASE NUMBERS:

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: 6,220' TMD: 15,230'
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

69-00067H

WELL LARRY BALL OH 5H
QUAD BETHANY WV

