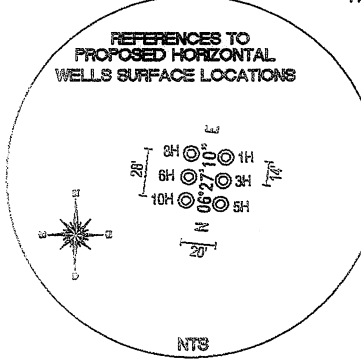


TOP HOLE (NAD 27)
N) 608889.7
E) 1698735.6
LAT.) 40°10'00.3"
LONG.) 80°34'40.6"
DEC. LAT.) 40.166741
DEC. LONG.) 80.577958
TOP HOLE (NAD 83)
N) 608926.7
E) 1667301.1
LAT.) 40°10'00.5"
LONG.) 80°34'39.9"
DEC. LAT.) 40.166813
DEC. LONG.) 80.577753
BOTTOM HOLE (NAD 27)
N) 617103.7
E) 1695469.3
LAT.) 40°11'21.0"
LONG.) 80°35'24.0"
DEC. LAT.) 40.189179
DEC. LONG.) 80.589797
BOTTOM HOLE (NAD 83)
N) 617140.8
E) 1664034.7
LAT.) 40°11'21.3"
LONG.) 80°35'23.3"
DEC. LAT.) 40.189251
DEC. LONG.) 80.589797

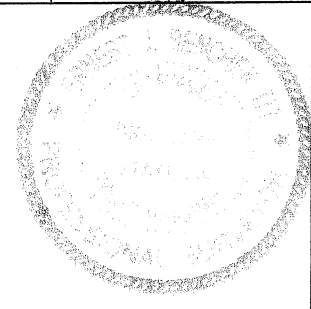


REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia MAY 2011
State Plane Coordinates & NAD 83 Lat/Long by differential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

FILE #: CHE 025
DRAWING #: 1488
SCALE: 1"=2000'
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

DATE: AUGUST 16, 2011
OPERATOR'S WELL #: LARRY BALL OHI 3H
API WELL #: 47 69 00104H
STATE COUNTY PERMIT

Well Type: Oil Waste Diposal 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: 733.79 +/-
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: 6,240' TMD: 14,862'
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

SURFACE HOLE DEC. LAT: 40.166813 SURVEYED LAT: 40° 10' 00.5"

WELL LARRY BALL OH 3H
QUAD BETHANY WV

