

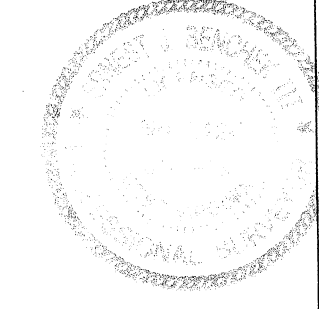
<b>TOP HOLE (NAD 83)</b> N) 627272.1 E) 1664203.9 LAT.) 40°13'01.4" LONG.) 80°35'22.7" DEC. LAT.) 40.217065 DEC. LONG.) 80.589631	<b>KOP (NAD 83)</b> N) 626636.1 E) 1665600.7 LAT.) 40°12'55.3" LONG.) 80°35'04.6" DEC. LAT.) 40.215366 DEC. LONG.) 80.584602
<b>TOP HOLE (NAD 27)</b> N) 627235.1 E) 1695638.5 LAT.) 40°13'01.2" LONG.) 80°35'23.4" DEC. LAT.) 40.216994 DEC. LONG.) 80.589835	<b>KOP (NAD 27)</b> N) 626599.1 E) 1697035.3 LAT.) 40°12'55.1" LONG.) 80°35'05.3" DEC. LAT.) 40.215295 DEC. LONG.) 80.584806
<b>TP (NAD 83)</b> N) 627116.3 E) 1665461.4 LAT.) 40°13'00.0" LONG.) 80°35'06.4" DEC. LAT.) 40.216679 DEC. LONG.) 80.585121	<b>BOTTOM HOLE (NAD 83)</b> N) 632619.0 E) 1663865.1 LAT.) 40°13'54.2" LONG.) 80°35'27.9" DEC. LAT.) 40.231730 DEC. LONG.) 80.591076
<b>TP (NAD 27)</b> N) 627079.3 E) 1696896.0 LAT.) 40°12'59.8" LONG.) 80°35'07.2" DEC. LAT.) 40.216608 DEC. LONG.) 80.585326	<b>BOTTOM HOLE (NAD 27)</b> N) 632582.0 E) 1695299.7 LAT.) 40°13'54.0" LONG.) 80°35'28.6" DEC. LAT.) 40.231659 DEC. LONG.) 80.591281

REFERENCE LINES
RL #1 N 82°56'12" W 1267'

**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 APRIL 2011  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
Drafted by: E.A.M.

FILE #: CHE 074  
DRAWING #: 1682  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE: SUBMETER MAPPING  
OF ELEVATION: 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: JULY 08, 2011  
OPERATOR'S WELL #: JOHN RIPLEY BRK 5H  
API WELL #: 47 09 00108H  
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 750'  
COUNTY/DISTRICT: BROOKE/BUFFALO QUADRANGLE: BETHANY WV.  
SURFACE OWNER: JOHN E. AND SHERRILL J. RIPLEY ACREAGE: 95.399 +/-  
OIL & GAS ROYALTY OWNER: JOHN E. AND SHERRILL J. RIPLEY ACREAGE: 396.479 +/-  
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: 6000' TMD: 11730'  
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC 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

