



<p>TOP HOLE QWAD 830</p> <p>N) 613379.9 E) 1683081.6 LAT.) 40°10'46.3" LONG.) 80°31'17.3" DEC. LAT.) 40.179542 DEC. LONG.) 80.521473</p>	<p>BOTTOM HOLE QWAD 830</p> <p>N) 618525.3 E) 1681898.5 LAT.) 40°11'37.0" LONG.) 80°31'33.3" DEC. LAT.) 40.193628 DEC. LONG.) 80.525917</p>
<p>TOP HOLE QWAD 870</p> <p>N) 613342.7 E) 1714515.7 LAT.) 40°10'46.0" LONG.) 80°31'18.0" DEC. LAT.) 40.179470 DEC. LONG.) 80.521681</p>	<p>BOTTOM HOLE QWAD 870</p> <p>N) 618488.2 E) 1713332.6 LAT.) 40°11'36.8" LONG.) 80°31'34.0" DEC. LAT.) 40.193556 DEC. LONG.) 80.526125</p>

**SANDRA PARR BRK 3H**

**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 Brooks County, West Virginia JUNE 2011  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
Drafted by: EAM

FILE #: CHE 082  
DRAWING #: 1679  
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

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,280'

COUNTY/DISTRICT: BROOKE-09/BUFFALO QUADRANGLE: BETHANY WV.

SURFACE OWNER: ANTHONY BRUCE AND SANDRA PARR ACREAGE: 132 +/-  
OIL & GAS ROYALTY OWNER: ANTHONY BRUCE AND SANDRA PARR ACREAGE: 433.59 +/-  
LEASE NUMBERS:

DATE: JULY 22, 2011  
OPERATOR'S WELL #: SANDRA PARR BRK 3H  
API WELL #: 47 09 00110H  
STATE COUNTY PERMIT

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: 11280'  
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

WELL SANDRA PARR BRK 3H  
QUAD BETHANY WV

