



<b>TOP HOLE (HMD 69)</b> N) 565626.4 E) 1664799.9 LAT.) 40°02'52.3" LONG.) 80°35'05.4" DEC. LAT.) 40.047874 DEC. LONG.) 80.584831	<b>KOP (HMD 69)</b> N) 565214.7 E) 1662787.8 LAT.) 40°02'48.0" LONG.) 80°35'31.5" DEC. LAT.) 40.046677 DEC. LONG.) 80.592072	<b>TP (HMD 69)</b> N) 565623.5 E) 1662479.9 LAT.) 40°02'52.0" LONG.) 80°35'35.2" DEC. LAT.) 40.047789 DEC. LONG.) 80.593117	<b>BOTTOM HOLE (HMD 69)</b> N) 569953.8 E) 1659431.1 LAT.) 40°03'34.5" LONG.) 80°36'15.1" DEC. LAT.) 40.059573 DEC. LONG.) 80.604197
<b>TOP HOLE (HMD 27)</b> N) 565589.4 E) 1696234.5 LAT.) 40°02'52.1" LONG.) 80°35'06.1" DEC. LAT.) 40.047801 DEC. LONG.) 80.585035	<b>KOP (HMD 27)</b> N) 565177.8 E) 1694202.5 LAT.) 40°02'47.8" LONG.) 80°35'32.2" DEC. LAT.) 40.046603 DEC. LONG.) 80.592275	<b>TP (HMD 27)</b> N) 565586.6 E) 1693914.6 LAT.) 40°02'51.8" LONG.) 80°35'36.0" DEC. LAT.) 40.047715 DEC. LONG.) 80.593320	<b>BOTTOM HOLE (HMD 27)</b> N) 589917.0 E) 1690865.8 LAT.) 40°03'34.2" LONG.) 80°36'15.8" DEC. LAT.) 40.059500 DEC. LONG.) 80.604399

<b>WYDEP HMD 69</b> N) 4433153.4 E) 535414.0
<b>BOTTOM HOLE (HMD 69)</b> N) 4434252.2 E) 533903.6
<b>REFERENCE LINES</b> RL #1 S 89°55'48" W 2,320'

**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 JUNE 2011  
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS drafted by EAB

FILE #: CHE-083  
 DRAWING #: 2025  
 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 WYDEP

OFFICE OF OIL & GAS  
 601 5TH STREET  
 CHARLESTON, WV 25304

DATE: AUGUST 8, 2012

OPERATOR'S WELL #: DEBORAH CRAIG OHI 201H  
 API WELL #: 47 69 00150H6A  
 STATE COUNTY PERMIT CANCELLED

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,335'

COUNTY/DISTRICT: OHIO / TRIADDELPHIA QUADRANGLE: VALLEY GROVE, WV.

SURFACE OWNER: DEBORAH ANN CRAIG AND SETH COLLINS CRAIG ACREAGE: 84.63 +/-

OIL & GAS ROYALTY OWNER: DEBORAH ANN CRAIG AND SETH COLLINS CRAIG ACREAGE: 288.241 +/-

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: 6,540' TMD: 12,560'

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 25301