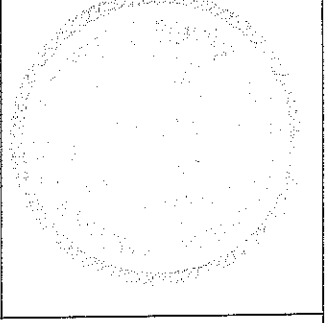


**REFERENCE NOTES**  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records OHIO County, West Virginia JANUARY 2011  
State Plane Coordinates & NAD 83 Lat/Long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

<p><b>TOP HOLE (NAD 83)</b> N) 559122.3 E) 1661203.5 LAT.) 40°01'47.6" LONG.) 80°35'50.6" DEC. LAT.) 40.029900 DEC. LONG.) 80.597393</p>	<p><b>KOP (NAD 83)</b> N) 559776.0 E) 1661345.9 LAT.) 40°01'54.1" LONG.) 80°35'48.9" DEC. LAT.) 40.031700 DEC. LONG.) 80.596913</p>	<p><b>TP (NAD 83)</b> N) 559340.1 E) 1661591.0 LAT.) 40°01'49.8" LONG.) 80°35'45.7" DEC. LAT.) 40.030512 DEC. LONG.) 80.596019</p>	<p><b>BOTTOM HOLE (NAD 83)</b> N) 553422.7 E) 1664917.9 LAT.) 40°00'51.8" LONG.) 80°35'02.0" DEC. LAT.) 40.014380 DEC. LONG.) 80.583684</p>
<p><b>TOP HOLE (NAD 27)</b> N) 559085.4 E) 1692638.3 LAT.) 40°01'47.4" LONG.) 80°35'51.3" DEC. LAT.) 40.029827 DEC. LONG.) 80.597596</p>	<p><b>KOP (NAD 27)</b> N) 559739.1 E) 1692780.7 LAT.) 40°01'53.9" LONG.) 80°35'49.6" DEC. LAT.) 40.031626 DEC. LONG.) 80.597116</p>	<p><b>TP (NAD 27)</b> N) 559303.3 E) 1693025.7 LAT.) 40°01'49.6" LONG.) 80°35'46.4" DEC. LAT.) 40.030438 DEC. LONG.) 80.596222</p>	<p><b>BOTTOM HOLE (NAD 27)</b> N) 553385.9 E) 1696352.5 LAT.) 40°00'51.5" LONG.) 80°35'02.7" DEC. LAT.) 40.014305 DEC. LONG.) 80.584088</p>

FILE #: CHE 047  
DRAWING #: 1570  
SCALE: 1" = 2000'  
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 Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
WATERSHED: UPPER OHIO SOUTH  
COUNTY/DISTRICT: OHIO / TRIADELPHIA  
SURFACE OWNER: CHAD ROBERT AND ROBERT A. GLAUSER  
OIL & GAS ROYALTY OWNER: CHAD ROBERT AND ROBERT A. GLAUSER  
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  
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.  
ADDRESS: PO\_BOX 18496  
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

DATE: SEPTEMBER 16, 2011  
OPERATOR'S WELL #: CHAD GLAUSER OHI 8H  
API WELL #: 47 69 00607H  
STATE COUNTY PERMIT  
ELEVATION: 1,240'  
QUADRANGLE: VALLEY GROVE WV.  
ACREAGE: 120.025 +/-  
ACREAGE: 573.461 +/-  
ESTIMATED DEPTH: TVD: 6,250' TMD: 13,038'  
DESIGNATED AGENT: ERIC GILLESPIE  
ADDRESS: PO BOX 6070  
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

