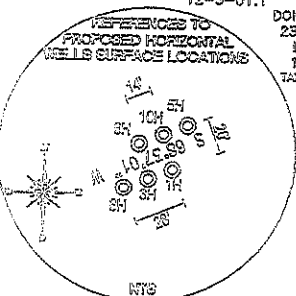


REFERENCE LINES	
RL #1	S 88°41'33" W 1,097'



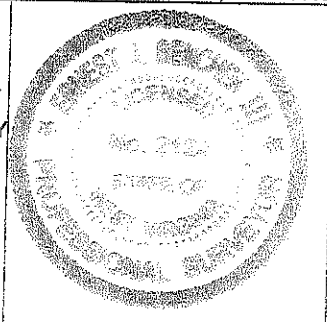
TOP HOLE (RAD 88)	TP (RAD 88)
N) 559208.2 E) 1658260.9 LAT.) 40°01'48.1" LONG.) 80°36'28.5" DEC. LAT.) 40.030038 DEC. LONG.) 80.607904	N) 559233.3 E) 1659357.6 LAT.) 40°01'48.5" LONG.) 80°36'14.4" DEC. LAT.) 40.030143 DEC. LONG.) 80.603989
TOP HOLE (RAD 27)	TP (RAD 27)
N) 559171.4 E) 1689695.7 LAT.) 40°01'47.9" LONG.) 80°36'29.2" DEC. LAT.) 40.029964 DEC. LONG.) 80.608106	N) 559196.4 E) 1690792.3 LAT.) 40°01'48.3" LONG.) 80°36'15.1" DEC. LAT.) 40.030070 DEC. LONG.) 80.604192
KOP (RAD 88)	BOTTOM HOLE (RAD 88)
N) 559668.7 E) 1659111.8 LAT.) 40°01'52.8" LONG.) 80°36'17.6" DEC. LAT.) 40.031330 DEC. LONG.) 80.604886	N) 552663.3 E) 1663065.1 LAT.) 40°00'44.0" LONG.) 80°35'25.7" DEC. LAT.) 40.012233 DEC. LONG.) 80.590466
KOP (RAD 27)	BOTTOM HOLE (RAD 27)
N) 559631.9 E) 1690546.6 LAT.) 40°01'52.5" LONG.) 80°36'18.3" DEC. LAT.) 40.031257 DEC. LONG.) 80.605088	N) 552626.4 E) 1694499.8 LAT.) 40°00'43.8" LONG.) 80°35'26.4" DEC. LAT.) 40.012159 DEC. LONG.) 80.590669

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

TOP HOLE (UTM 88)	N) 4451164.7 E) 533454.6
BOTTOM HOLE (UTM 88)	N) 4429195.3 E) 534951.6

FILE #: CHE 033  
DRAWING #: 1919  
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 Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,220.52'  
COUNTY/DISTRICT: OHIO / TRIADDELPHIA QUADRANGLE: VALLEY GROVE, WV.  
SURFACE OWNER: BRIAN J. DYTKO ACREAGE: 41.00 +/-  
OIL & GAS ROYALTY OWNER: BRIAN J. DYTKO ACREAGE: 429.85 +/-  
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: 6,354' TMD: 14,287'  
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



69-00127 H6A

WELL BRIENDYTKO OH 104  
QUAD. VALLEY GROVE IV

