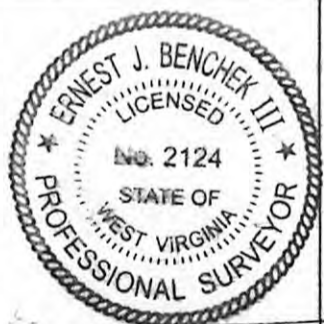


TOP HOLE (UTM MGR 88)
N) 4429248.0
E) 532875.5
BOTTOM HOLE (UTM MGR 88)
N) 4431051.8
E) 532339.4

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

FILE #: CHE 031
 DRAWING #: 1521
 SCALE: PLAT: 1" = 1200'
TITLE: 1" = 2000'
 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 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: 1,274'
 COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: VALLEY GROVE, WV
 SURFACE OWNER: MICHAEL S. SOUTHWORTH ACREAGE: 166.26 +/-
 OIL & GAS ROYALTY OWNER: MICHAEL S. SOUTHWORTH ACREAGE: 381.8 +/-
 LEASE NUMBERS: _____

DATE: JULY 3, 2013 *Never drilled*
 OPERATOR'S WELL #: MICHAEL SOUTHWORTH MSH 5H
 API WELL #: 47 51 DISIDHGA MOD
 STATE COUNTY PERMIT **CANCELLED**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,400' TMD: 12,833'
 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

04/18/2014