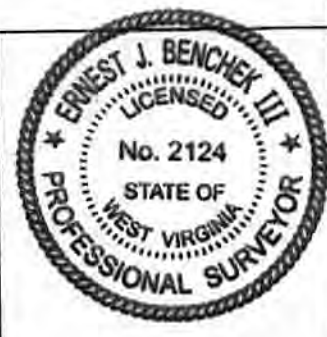


REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia NOVEMBER 2011
 State Plane Coordinates & NAD 83 Lat/Long by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

FILE #: CHE 045
 DRAWING #: 1909
 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: *[Signature]*
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 5TH STREET
 CHARLESTON, WV 25304

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

WATERSHED: UPPER OHIO SOUTH
 COUNTY/DISTRICT: BROOKE/BUFFALO

DATE: FEBRUARY 10, 2012
 OPERATOR'S WELL #: MILDRED MANI BRK 1H
 API WELL #: 47 09 0142 H6A
 STATE COUNTY PERMIT: CANCELLED
 ELEVATION: 1,120'
 QUADRANGLE: STUEBENVILLE EAST WV.
 ACREAGE: 75.44 +/-
 OIL & GAS ROYALTY OWNER: MILDRED MANI AND MILES BAUER ACREAGE: 490.96 +/-
 LEASE NUMBERS: MILDRED MANI AND MILES BAUER

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

ESTIMATED DEPTH: TVD: 5,710' TMD: 12,838'
 DESIGNATED AGENT : ERIC B. GILLESPIE
 ADDRESS: Po Box 6070
 CITY: CHARLESTON STATE: WV ZIP CODE: 25365

08/15/2014