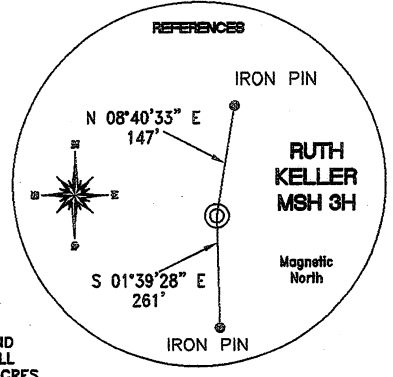


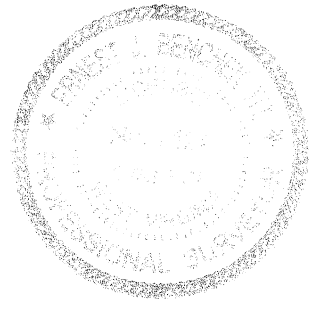
TOP HOLE (NAD 83) N) 543328.7 E) 1633402.0 LAT.) 39°59'08.1" LONG.) 80°41'45.3" DEC. LAT.) 39.985574 DEC. LONG.) 80.695913	BOTTOM HOLE (NAD 83) N) 550324.1 E) 1630778.1 LAT.) 40°00'16.8" LONG.) 80°42'20.2" DEC. LAT.) 40.004680 DEC. LONG.) 80.705612
TOP HOLE (NAD 27) N) 543292.2 E) 1664837.6 LAT.) 39°59'07.8" LONG.) 80°41'46.0" DEC. LAT.) 39.985500 DEC. LONG.) 80.696110	BOTTOM HOLE (NAD 27) N) 550287.6 E) 1662213.7 LAT.) 40°00'16.6" LONG.) 80°42'20.9" DEC. LAT.) 40.004606 DEC. LONG.) 80.705808



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 Marshall County, West Virginia MAY 2011
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

FILE #: CHE 069
DRAWING #: 1672
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 57TH STREET
CHARLESTON, WV 25304

DATE: MAY 23, 2011

OPERATOR'S WELL #: RUTH KELLER MSH 3H

API WELL #: 47 51 01501H
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,330'

COUNTY/DISTRICT: MARSHALL / UNION QUADRANGLE: MOUNDSVILLE, WV.

SURFACE OWNER: RUTH ANN KELLER AND DAVID J. COOK ACREAGE: 173.061 +/-

OIL & GAS ROYALTY OWNER: RUTH ANN KELLER AND DAVID J. COOK ACREAGE: 315.561 +/-

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: 6,365' TMD: 13,631'

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

SI-01501H

