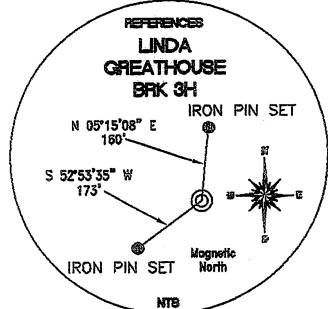


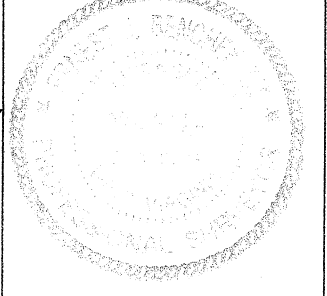
TOP HOLE (NAD 83) N) 622631.6 E) 1659299.2 LAT.) 40°12'15.0" LONG.) 80°36'25.2" DEC. LAT.) 40.204163 DEC. LONG.) 80.606987	BOTTOM HOLE (NAD 83) N) 629239.4 E) 1656629.5 LAT.) 40°13'20.0" LONG.) 80°37'00.6" DEC. LAT.) 40.222210 DEC. LONG.) 80.616838
TOP HOLE (NAD 27) N) 622594.6 E) 1690734.0 LAT.) 40°12'14.7" LONG.) 80°36'25.9" DEC. LAT.) 40.204092 DEC. LONG.) 80.607190	BOTTOM HOLE (NAD 27) N) 629202.4 E) 1688064.3 LAT.) 40°13'19.7" LONG.) 80°37'01.3" DEC. LAT.) 40.222139 DEC. LONG.) 80.617041



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

FILE #: CHE 061
 DRAWING #: 1645
 SCALE: 1"=1200'
 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 Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,150'

COUNTY/DISTRICT: BROOKE / BUFFALO QUADRANGLE: BETHANY WV.

SURFACE OWNER: LINDA REEVES GREATHOUSE ACREAGE: 322.84 +/-
 OIL & GAS ROYALTY OWNER: LINDA REEVES GREATHOUSE ACREAGE: 347.04 +/-
 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: 6,000' TMD: 13,127'
 WELL OPERATOR : CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT : ERIC B. 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

WELL: LINDA GREATHOUSE BRK 3H
QUAD: BETHANY WAY

