

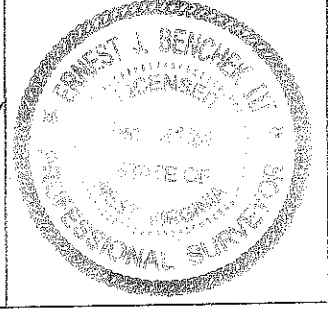
TP (NAD 83) N) 618391.4 E) 1654880.3 LAT.) 40°11'32.5" LONG.) 80°37'21.4" DEC. LAT.) 40.192374 DEC. LONG.) 80.622616	TP (NAD 83) N) 617995.6 E) 1653974.6 LAT.) 40°11'28.8" LONG.) 80°37'33.0" DEC. LAT.) 40.191257 DEC. LONG.) 80.625840
TP (NAD 27) N) 618354.4 E) 1686315.2 LAT.) 40°11'32.3" LONG.) 80°37'22.1" DEC. LAT.) 40.192303 DEC. LONG.) 80.622818	TP (NAD 27) N) 617958.7 E) 1685409.5 LAT.) 40°11'28.3" LONG.) 80°37'33.8" DEC. LAT.) 40.191185 DEC. LONG.) 80.626042
KOP (NAD 83) N) 617537.4 E) 1654174.9 LAT.) 40°11'24.0" LONG.) 80°37'30.4" DEC. LAT.) 40.190006 DEC. LONG.) 80.625103	BOTTOM HOLE (NAD 83) N) 623979.5 E) 1651359.6 LAT.) 40°12'27.3" LONG.) 80°38'07.7" DEC. LAT.) 40.207590 DEC. LONG.) 80.635470
KOP (NAD 27) N) 617500.5 E) 1685609.7 LAT.) 40°11'23.8" LONG.) 80°37'31.1" DEC. LAT.) 40.189934 DEC. LONG.) 80.625305	BOTTOM HOLE (NAD 27) N) 623942.5 E) 1682794.6 LAT.) 40°12'27.1" LONG.) 80°38'08.4" DEC. LAT.) 40.207519 DEC. LONG.) 80.635671

TH (NAD 83) N) 4449177.5 E) 532122.8
BOTTOM HOLE (NAD 83) N) 4450861.9 E) 531021.8

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

FILE #: CHE 059
 DRAWING #: 1880
 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: _____
 L.L.S. #2124 : Ernest J. Benchek III

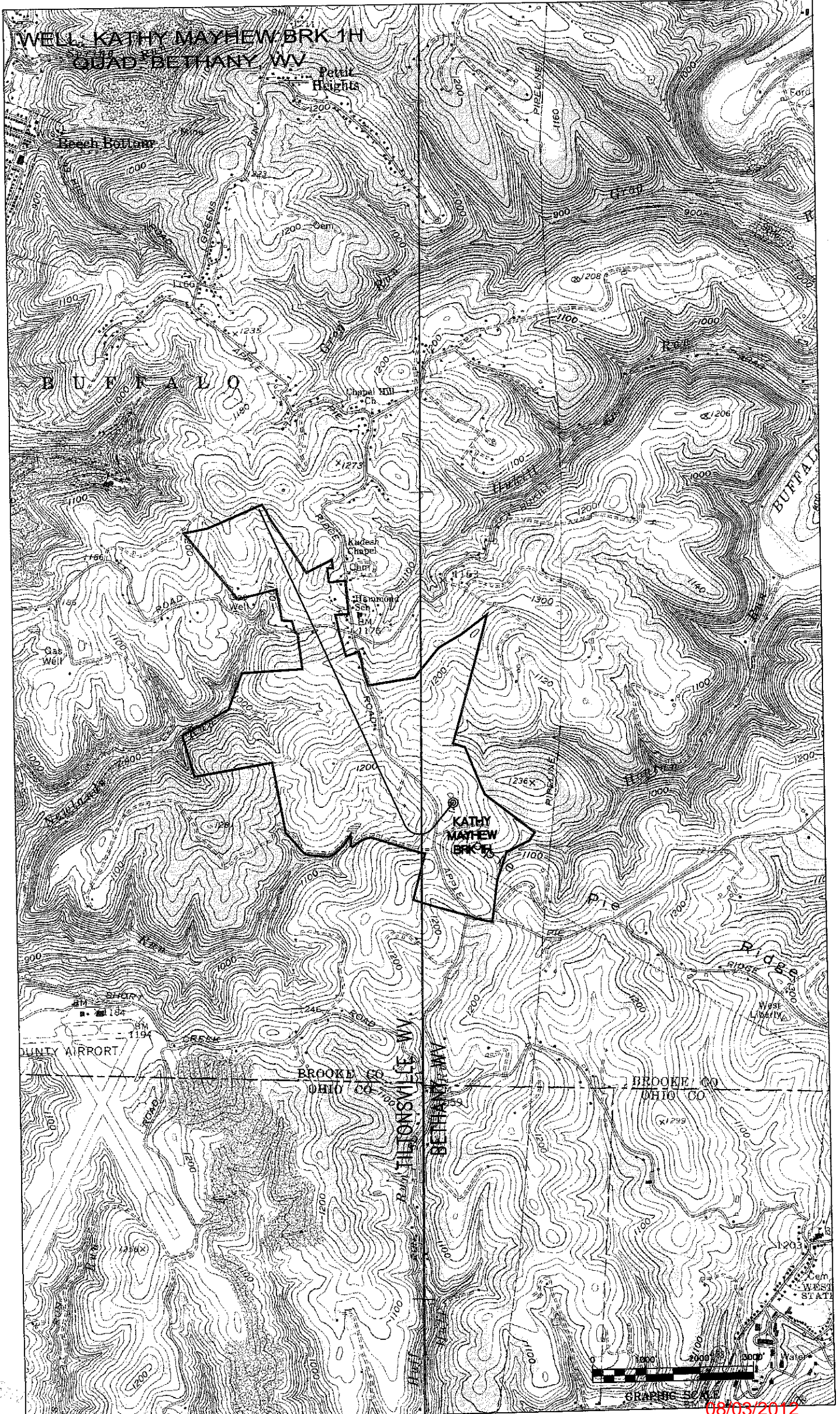


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304
 Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 WATERSHED: UPPER OHIO SOUTH
 COUNTY/DISTRICT: BROOKE/BUFFALO
 SURFACE OWNER: KATHY LYNN MAYHEW
 OIL & GAS ROYALTY OWNER: KATHY LYNN MAYHEW
 LEASE NUMBERS: _____
 TARGET FORMATION: MARCELLUS
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.
 ADDRESS: PO BOX 18496
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

DATE: FEBRUARY 7, 2012
 OPERATOR'S WELL #: KATHY MAYHEW BRK 1H
 API WELL #: 47 09
 STATE COUNTY PERMIT
 ELEVATION: 1,280'
 QUADRANGLE: BETHANY WV.
 ACREAGE: 84.74 +/-
 ACREAGE: 454.921 +/-
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____
 ESTIMATED DEPTH: TVD: 6,024' TMD: 12,989'
 DESIGNATED AGENT: ERIC B. GILLESPIE
 ADDRESS: PO Box 6070
 CITY: CHARLESTON STATE: WV ZIP CODE: 25362

9-0139 H6A

9-0/39



08/03/2012