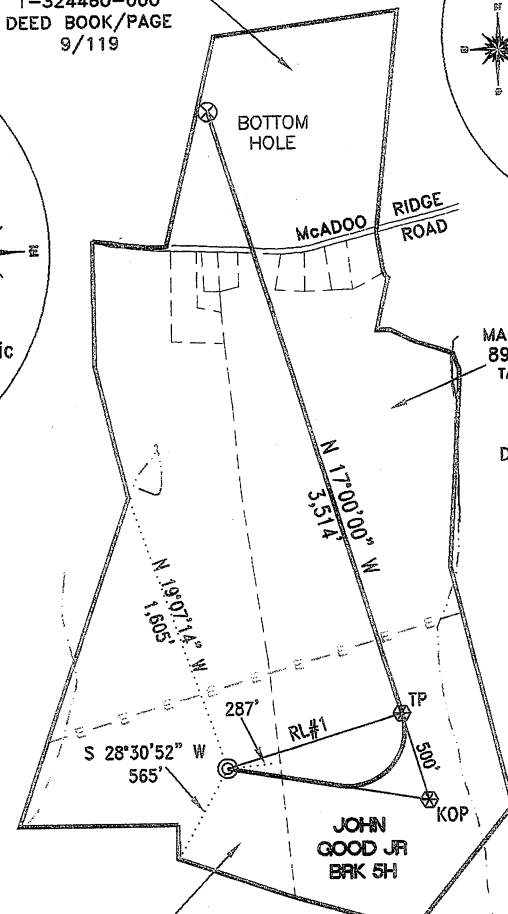
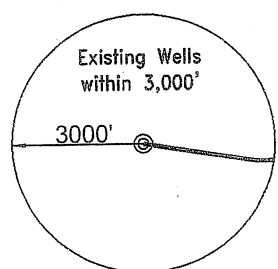


SYLVIA ELIZABETH WEIDNER BARR  
28.5 TOTAL ACRES  
TAX MAP AND PARCEL B33-56  
LEASE NUMBER 1-324460-000  
DEED BOOK/PAGE 9/119

MARY JANE JACKSON  
89.78 TOTAL ACRES  
TAX MAP AND PARCEL B33-60  
LEASE NUMBER 1-324568-000  
DEED BOOK/PAGE 10/301



JOHN PRATHER GOOD JR. AND LINDA RUTH GOOD  
66.569 TOTAL ACRES  
TAX MAP AND PARCEL B38-1  
LEASE NUMBER 1-324559-000  
DEED BOOK/PAGE 10/274



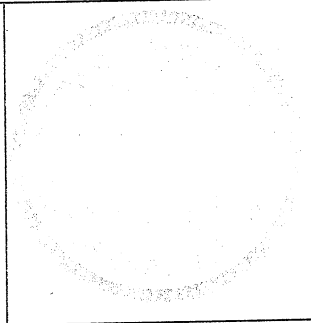
REFERENCE LINES
RL #1 N 73°00'00" E 1,000'

<p>TOP HOLE (NAD 83) N) 629747.9 E) 1666718.6 LAT.) 40°13'26.2" LONG.) 80°34'50.6" DEC. LAT.) 40.223944 DEC. LONG.) 80.580734</p>	<p>TOP HOLE (NAD 27) N) 629710.9 E) 1698153.1 LAT.) 40°13'25.9" LONG.) 80°34'51.4" DEC. LAT.) 40.223873 DEC. LONG.) 80.580938</p>
<p>KOP (NAD 83) N) 629562.2 E) 1667821.1 LAT.) 40°13'24.5" LONG.) 80°34'36.4" DEC. LAT.) 40.223470 DEC. LONG.) 80.576778</p>	<p>KOP (NAD 27) N) 629525.1 E) 1699255.6 LAT.) 40°13'24.2" LONG.) 80°34'37.1" DEC. LAT.) 40.223399 DEC. LONG.) 80.576833</p>
<p>TP (NAD 83) N) 630040.3 E) 1667674.9 LAT.) 40°13'29.2" LONG.) 80°34'38.4" DEC. LAT.) 40.224778 DEC. LONG.) 80.577322</p>	<p>TP (NAD 27) N) 630003.2 E) 1699109.4 LAT.) 40°13'28.9" LONG.) 80°34'39.1" DEC. LAT.) 40.224707 DEC. LONG.) 80.577527</p>
<p>BOTTOM HOLE (NAD 83) N) 633401.0 E) 1666647.4 LAT.) 40°14'02.3" LONG.) 80°34'52.1" DEC. LAT.) 40.233969 DEC. LONG.) 80.581146</p>	<p>BOTTOM HOLE (NAD 27) N) 633364.0 E) 1698081.9 LAT.) 40°14'02.0" LONG.) 80°34'52.9" DEC. LAT.) 40.233898 DEC. LONG.) 80.581351</p>

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

FILE #: CHE 087  
DRAWING #: 1804  
SCALE: 1"=1000'  
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

DATE: SEPTEMBER 22, 2011

OPERATOR'S WELL #: JOHN GOOD JR BRK 5H

API WELL #: 47 09 00124H  
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,145'

COUNTY/DISTRICT: BROOKE-09/CROSS CREEK QUADRANGLE: BETHANY WV.

SURFACE OWNER: JOHN PRATHER, JR AND LINDA RUTH GOOD ACREAGE: 66.569 +/-

OIL & GAS ROYALTY OWNER: JOHN PRATHER, JR AND LINDA RUTH GOOD ACREAGE: 184.849 +/-

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: 5,875' TMD: 9,828'

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 JOHN GOOD JR BRK 5H  
QUAD BETHAN 18V

