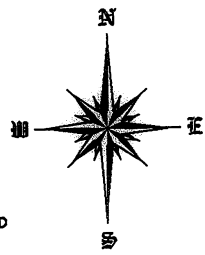
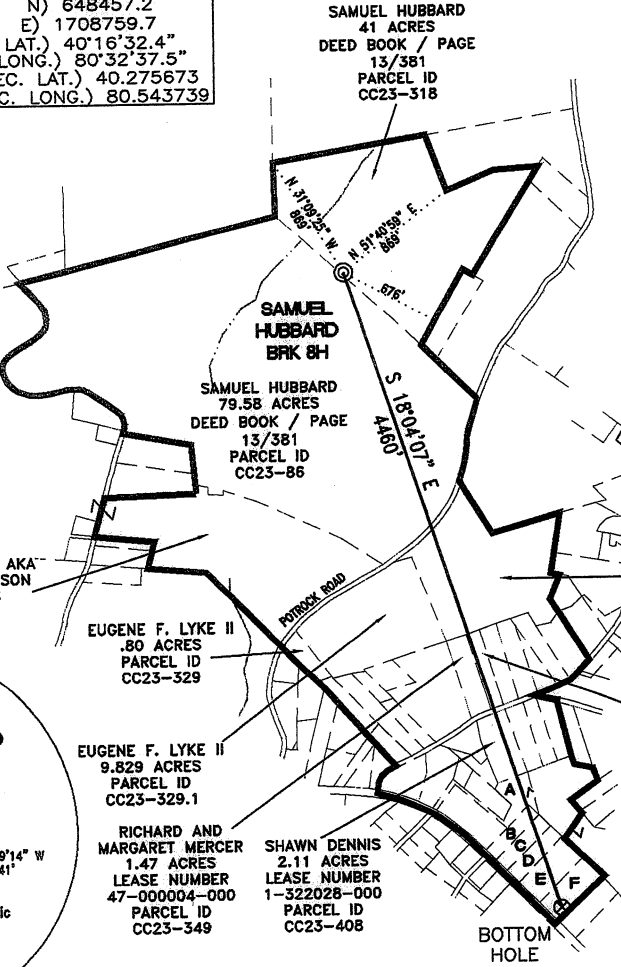
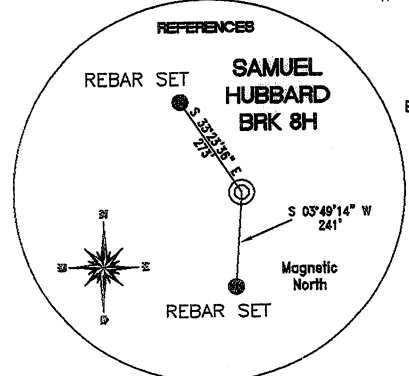
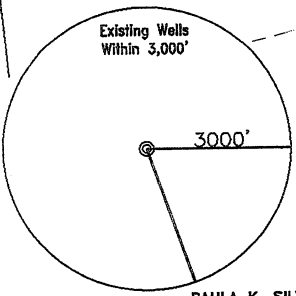
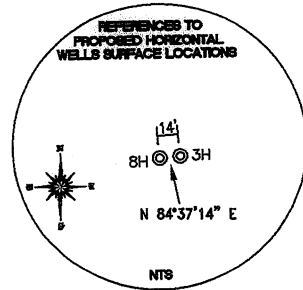
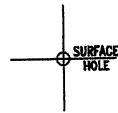


TOP HOLE (NAD 83) N) 652734.4 E) 1675942.2 LAT.) 40°17'14.4" LONG.) 80°32'55.2" DEC. LAT.) 40.287337 DEC. LONG.) 80.548666	BOTTOM HOLE (NAD 83) N) 648494.4 E) 1677325.4 LAT.) 40°16'32.7" LONG.) 80°32'36.7" DEC. LAT.) 40.275743 DEC. LONG.) 80.543532
TOP HOLE (NAD 27) N) 652697.3 E) 1707376.4 LAT.) 40°17'14.2" LONG.) 80°32'55.9" DEC. LAT.) 40.287267 DEC. LONG.) 80.548873	BOTTOM HOLE (NAD 27) N) 648457.2 E) 1708759.7 LAT.) 40°16'32.4" LONG.) 80°32'37.5" DEC. LAT.) 40.275673 DEC. LONG.) 80.543739

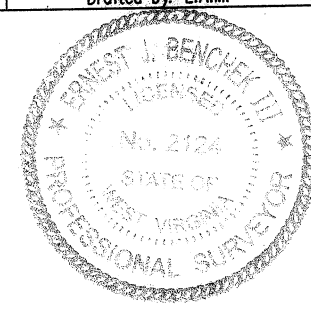


OWNER	PARCEL NUMBER	ACRES	LEASE NUMBER
A. DALE & PATRICIA VISYAK	CC24-83	39.5	47-000611-000
B. LUELLA JEAN POSTLETHWAIT	CC23-416	1.00	47-000657-000
C. CLARENCE & CINDY JONES	CC23-417	1.05	47-000626-000
D. DEARL AND SHIRLEY KEARNS	CC23-418	1.00	47-000634-000
E. ROBERT AND KERRY GASCHLER	CC23-419	2.00	47-000642-000
F. JEFFERY S. SAUNDERS	CC23-420	1.84	47-000654-000

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 062
 DRAWING #: 1646
 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

DATE: JULY 22, 2011
 OPERATOR'S WELL #: SAMUEL HUBBARD BRK 8H
 API WELL #: 47 09 00098H
 STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,225'
 COUNTY/DISTRICT: BROOKE/CROSS CREEK QUADRANGLE: STEUBENVILLE EAST
 SURFACE OWNER: SAMUEL HUBBARD ACREAGE: 79.58 +/-
 OIL & GAS ROYALTY OWNER: SAMUEL HUBBARD ACREAGE: 92.83 +/-
 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: 6,250' TMD: 10,710'
 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

Revised

