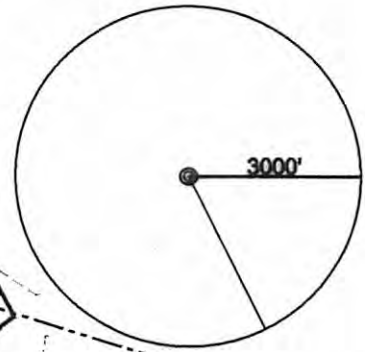
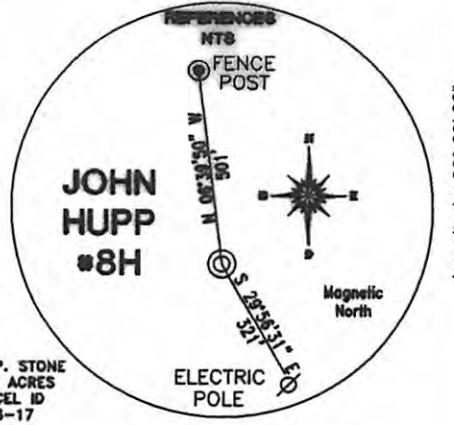
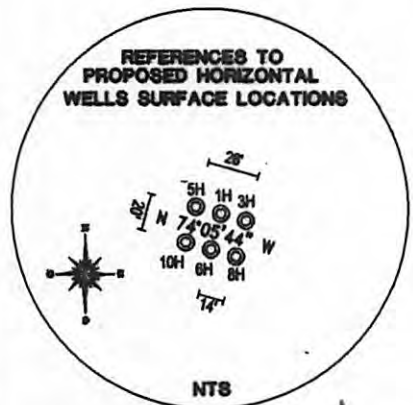
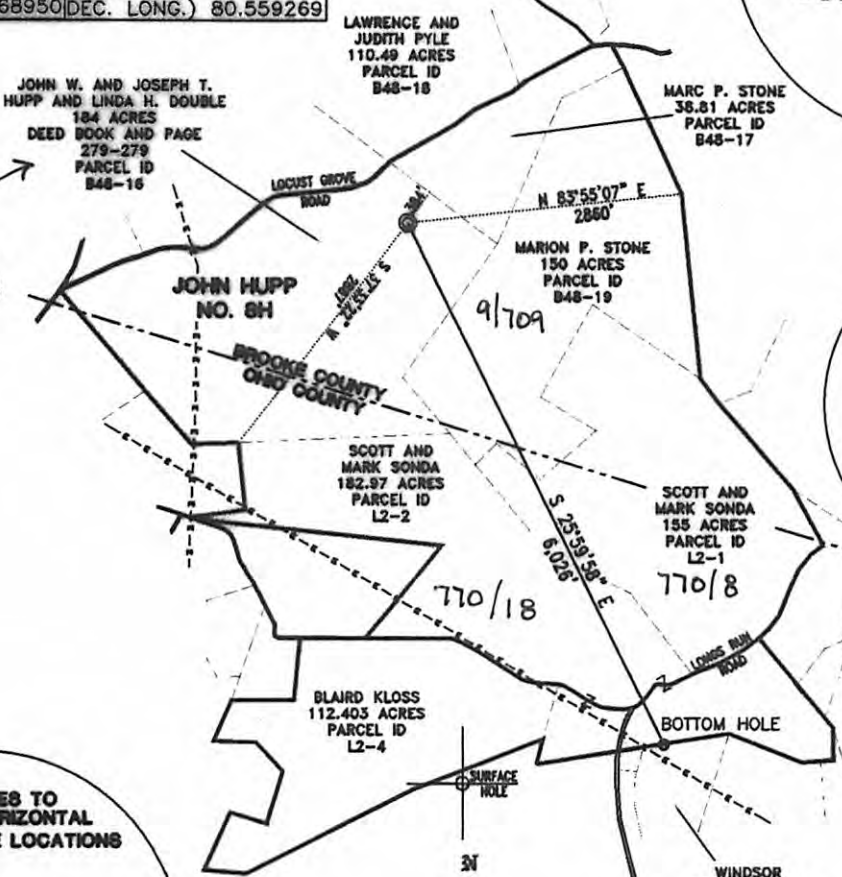


TOP HOLE (NAD 83) N) 612404.3 E) 1669860.4 LAT.) 40°10'35.2" LONG.) 80°34'07.5" DEC. LAT.) 40.176442 DEC. LONG.) 80.568744	BOTTOM HOLE (NAD 83) N) 606988.2 E) 1672502.0 LAT.) 40°09'42.0" LONG.) 80°33'32.6" DEC. LAT.) 40.161661 DEC. LONG.) 80.559063
TOP HOLE (NAD 27) N) 612367.2 E) 1701294.9 LAT.) 40°10'35.0" LONG.) 80°34'08.2" DEC. LAT.) 40.176370 DEC. LONG.) 80.568950	BOTTOM HOLE (NAD 27) N) 606951.2 E) 1703936.4 LAT.) 40°09'41.7" LONG.) 80°33'33.4" DEC. LAT.) 40.161589 DEC. LONG.) 80.559269



65/3316
65/3317
65/33
1-264309-001
1-264309-003



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 NOVEMBER 2010 State Plane Coordinates & NAD 27 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

FILE #: CHE 026
DRAWING #: 1497
SCALE: 1" = 2000'
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
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: UPPER OHIO SOUTH
COUNTY/DISTRICT: BROOKE / BUFFALO
SURFACE OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
OIL & GAS ROYALTY OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
LEASE NUMBERS:

DATE: NOVEMBER 15, 2010
OPERATOR'S WELL #: John Hupp NO. 8H
API WELL #: 47 09 00087H
STATE COUNTY PERMIT
CANCELLED
ELEVATION: 1,270'
QUADRANGLE: BETHANY, WV.
ACREAGE: 184 +/-
ACREAGE: 671.97 +/-

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: 6250'
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: 25304

SURFACE HOLE DEC. LAT: 40.176442 SURVEYED LAT: 40° 10' 35.2"

08/21/2014