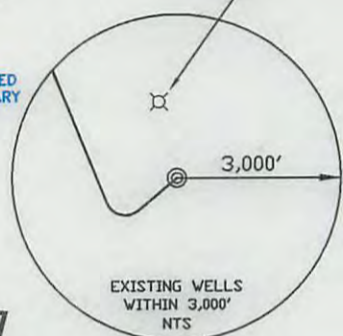
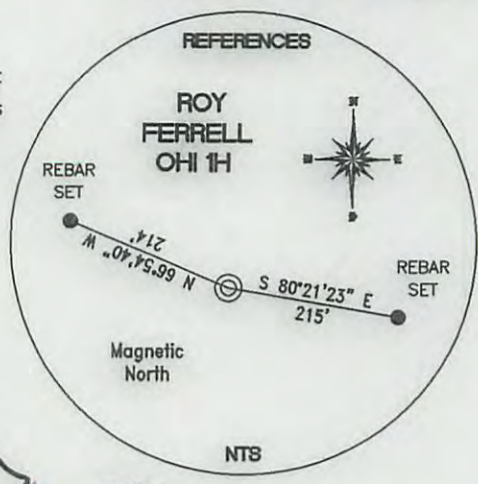
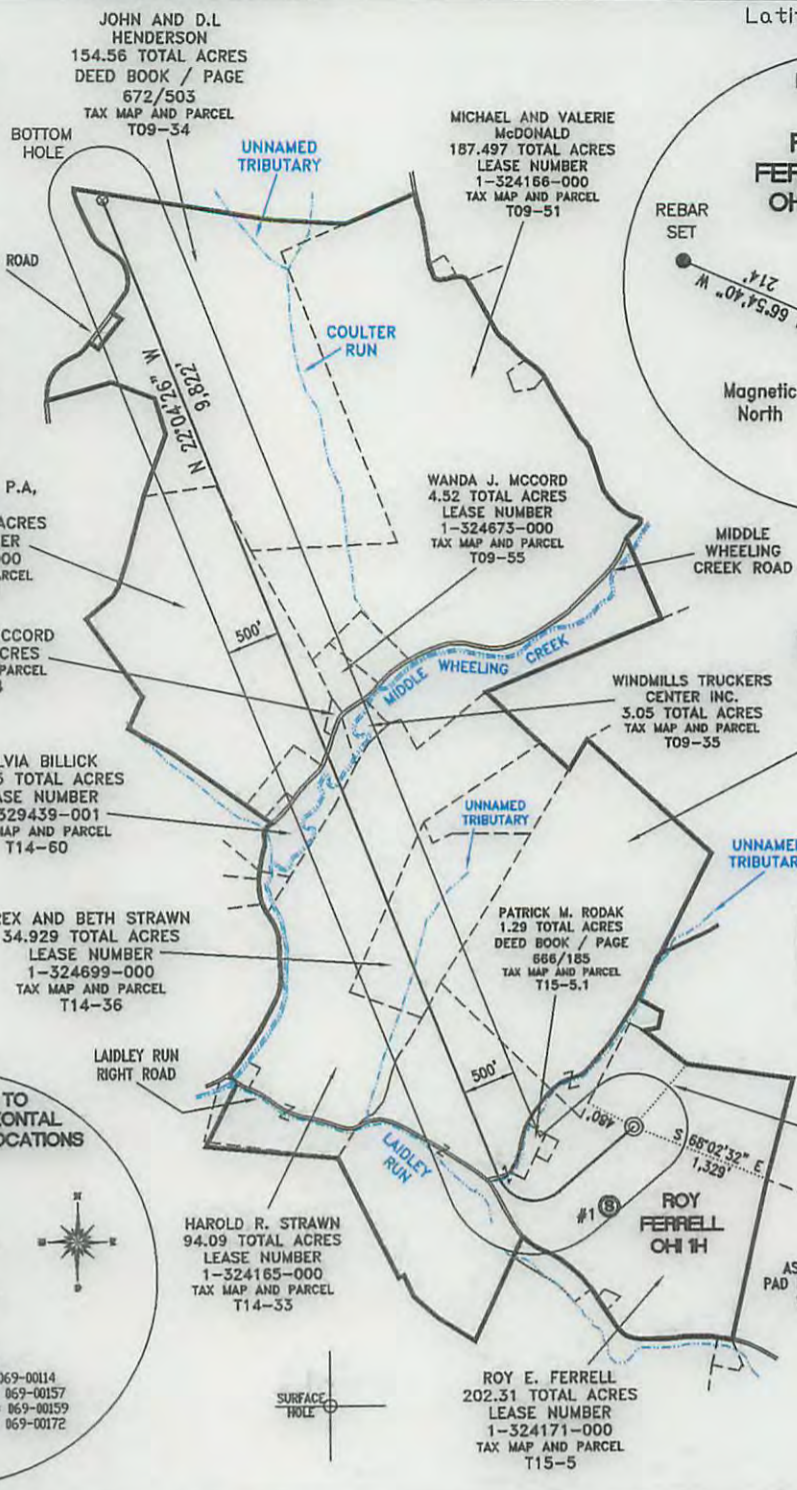
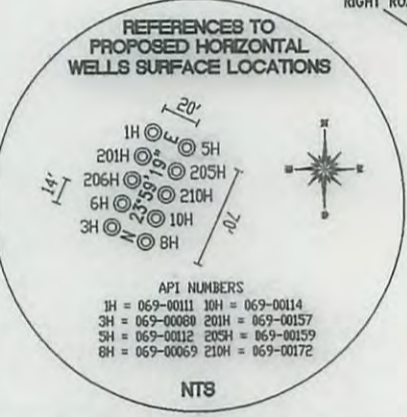


SPRING #1
 S 17°30'05" W 774'

TH (UTM-NAD 83)
 N) 4432670.2
 E) 540011.3
 BOTTOM HOLE (UTM-NAD 83)
 N) 4435279.0
 E) 538454.3

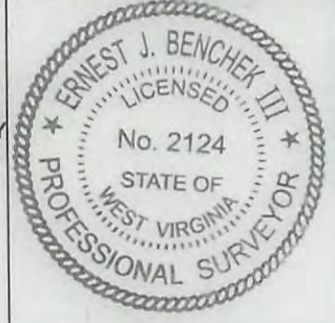


REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia MARCH 2011
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
 Drafted by E.A.M.

FILE #: CHE 034
 DRAWING #: 1853
 PLAT = 1" - 1800'
 SCALE: TICK MARK = 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: WHEELING CREEK ELEVATION: 1196'
 COUNTY/DISTRICT: OHIO/TRIADELPHIA QUADRANGLE: VALLEY GROVE WV.
 SURFACE OWNER: ROY E. FERRELL ACREAGE: 202.31 +/-
 OIL & GAS ROYALTY OWNER: ROY E. FERRELL ACREAGE: 798.681 +/-
 LEASE NUMBERS: _____

DATE: JULY 26, 2013
 OPERATOR'S WELL #: ROY FERRELL OHI 1H
 API WELL #: 47 69 00111H6A MOD STATE COUNTY PERMIT

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: 6,665' TMD: 16,991'
 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: 25304

08/09/2013

SURFACE HOLE DEC. LAT: 40.043242 SURVEYED LAT: 40° 02' 35.7"