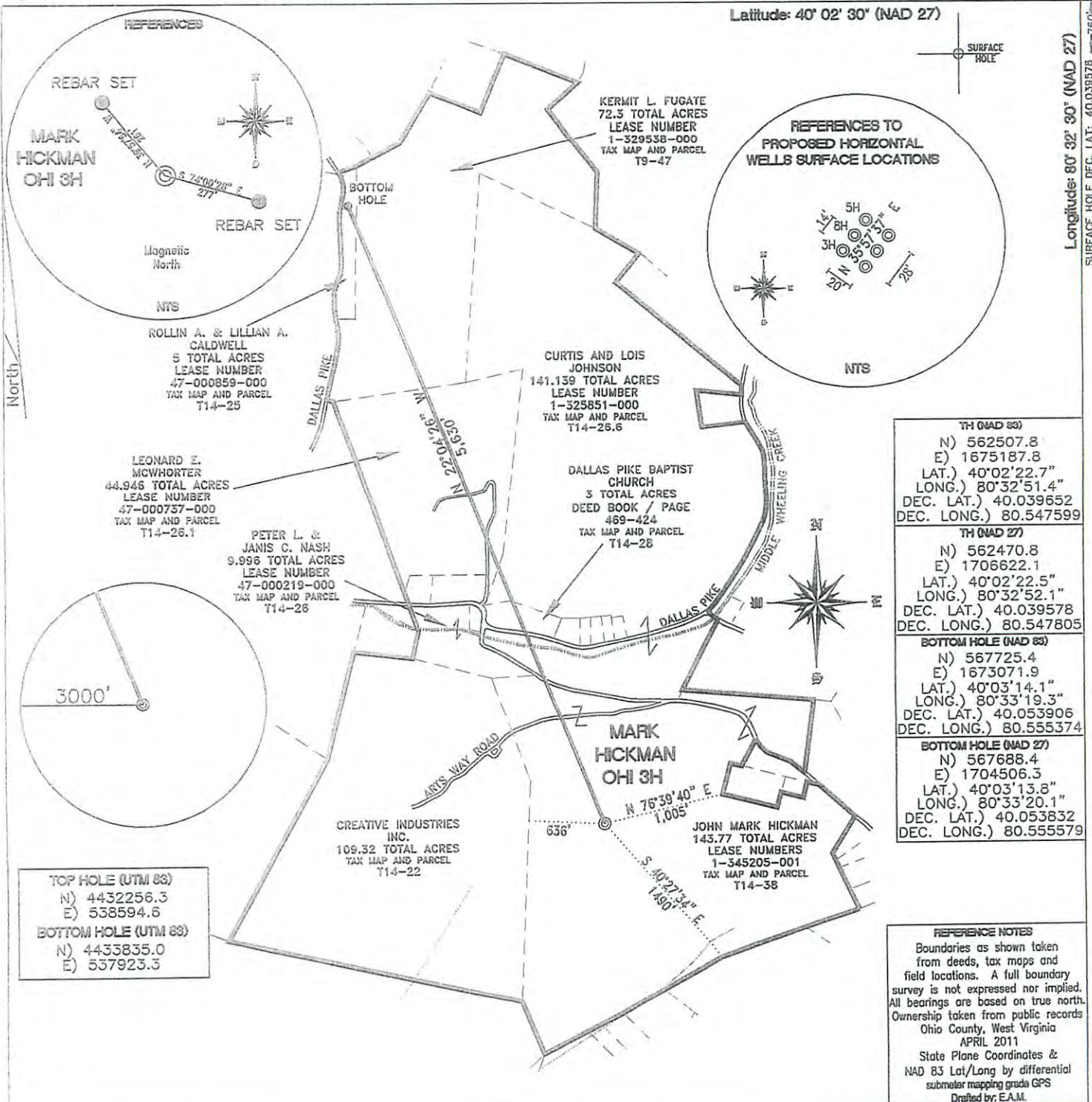


new

SURFACE HOLE DEC. LONG: 80.547805
 SURVEYED LONG: 80° 32' 52.1"
 Latitude: 40° 02' 30" (NAD 27)



TH (NAD 83)
N) 562507.8
E) 1675187.8
LAT.) 40°02'22.7"
LONG.) 80°32'51.4"
DEC. LAT.) 40.039652
DEC. LONG.) 80.547599
TH (NAD 27)
N) 562470.8
E) 1706622.1
LAT.) 40°02'22.5"
LONG.) 80°32'52.1"
DEC. LAT.) 40.039578
DEC. LONG.) 80.547805
BOTTOM HOLE (NAD 83)
N) 567725.4
E) 1673071.9
LAT.) 40°03'14.1"
LONG.) 80°33'19.3"
DEC. LAT.) 40.053906
DEC. LONG.) 80.555374
BOTTOM HOLE (NAD 27)
N) 567688.4
E) 1704506.3
LAT.) 40°03'13.8"
LONG.) 80°33'20.1"
DEC. LAT.) 40.053832
DEC. LONG.) 80.555579

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

TOP HOLE (UTM 83)
N) 4432256.3
E) 538594.6
BOTTOM HOLE (UTM 83)
N) 4433835.0
E) 537923.3

FILE #: CHE 053
 DRAWING #: 1845
 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: *[Signature]*
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP
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 ELEVATION: 1,285'
 COUNTY/DISTRICT: OHIO/TRIADELPHIA QUADRANGLE: VALLEY GROVE WV.
 SURFACE OWNER: L.G. HICKMAN AND JOHN MARK HICKMAN ACREAGE: 143.77 +/-
 OIL & GAS ROYALTY OWNER: L.G. HICKMAN AND JOHN MARK HICKMAN ACREAGE: 410.155 +/-
 LEASE NUMBERS: _____

DATE: FEBRUARY 07, 2012
 OPERATOR'S WELL #: MARK HICKMAN OHI 3H
 API WELL #: 47 69 001084
 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: 6,685' TMD: 12,110'
 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: 25302

CANCELLED

05/09/2014