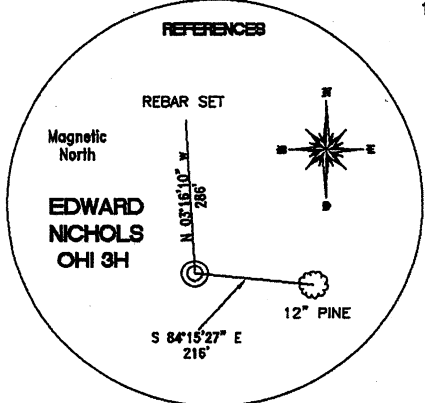
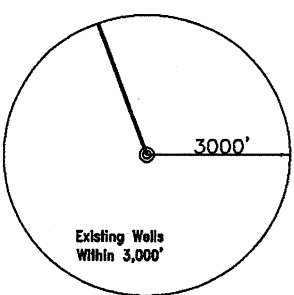
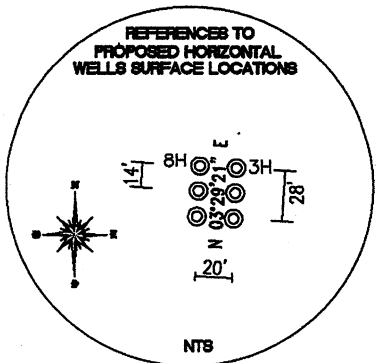
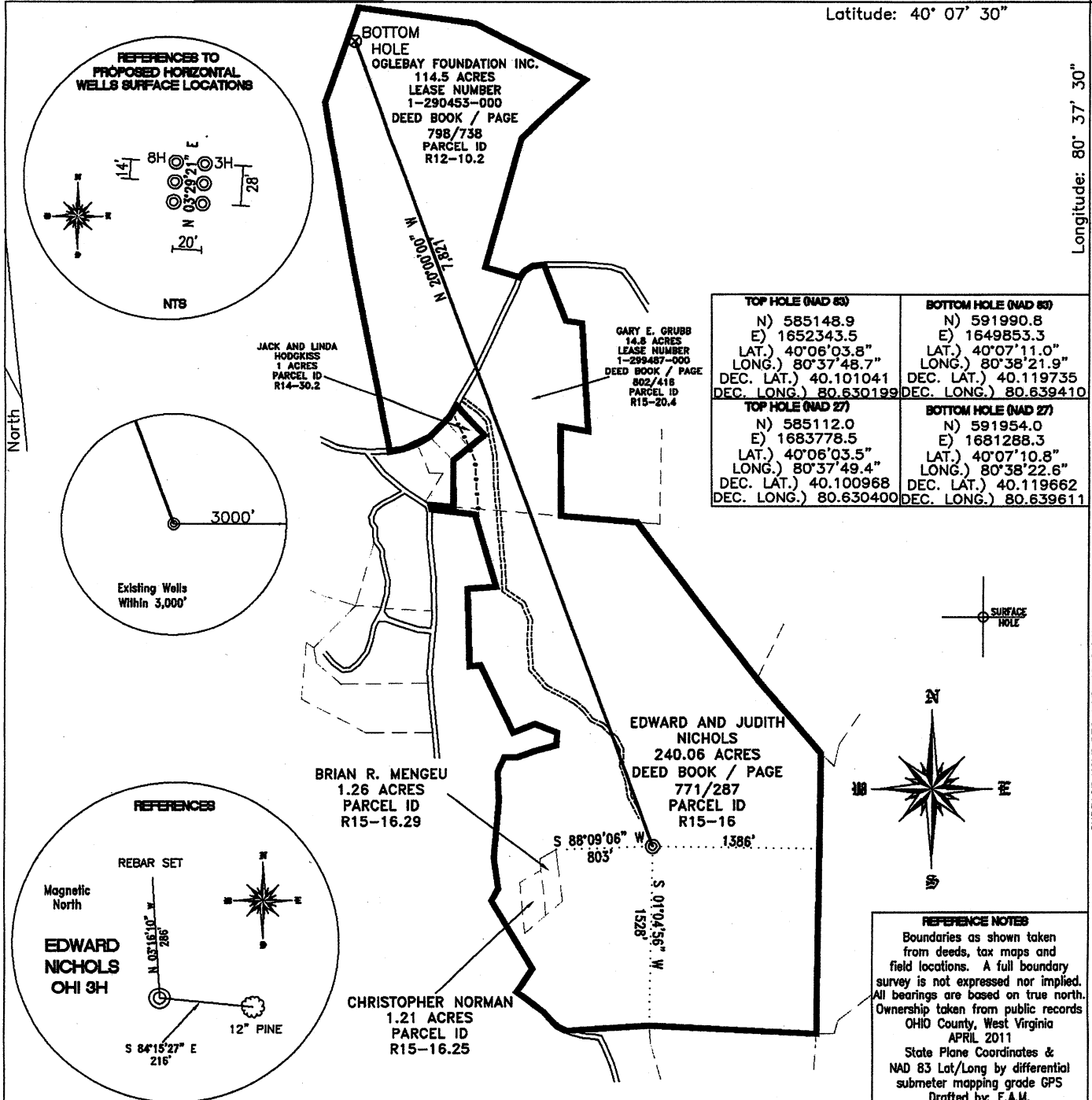


SURFACE HOLE DEC. LONG: 80.630199
 SURVEYED LONG: 80° 37' 48.7" — 1,450'
 Latitude: 40° 07' 30"

Longitude: 80° 37' 30"

8,730'
 SURFACE HOLE DEC. LAT: 40.101041
 SURVEYED LAT: 40° 06' 03.8"

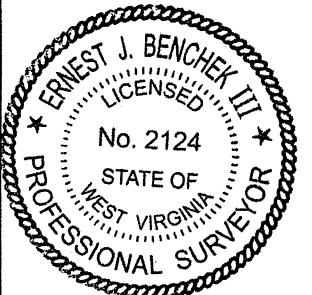


TOP HOLE (NAD 83) N) 585148.9 E) 1652343.5 LAT.) 40°06'03.8" LONG.) 80°37'48.7" DEC. LAT.) 40.101041 DEC. LONG.) 80.630199	BOTTOM HOLE (NAD 83) N) 591990.8 E) 1649853.3 LAT.) 40°07'11.0" LONG.) 80°38'21.9" DEC. LAT.) 40.119735 DEC. LONG.) 80.639410
TOP HOLE (NAD 27) N) 585112.0 E) 1683778.5 LAT.) 40°06'03.5" LONG.) 80°37'49.4" DEC. LAT.) 40.100968 DEC. LONG.) 80.630400	BOTTOM HOLE (NAD 27) N) 591954.0 E) 1681288.3 LAT.) 40°07'10.8" LONG.) 80°38'22.6" DEC. LAT.) 40.119662 DEC. LONG.) 80.639611

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.

FILE #: CHE 021
 DRAWING #: 1475
 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
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 ELEVATION: 1,310.15'
 COUNTY/DISTRICT: OHIO/RICHLAND QUADRANGLE: WHEELING WV
 SURFACE OWNER: EDWARD AND JUDITH NICHOLS ACREAGE: 240.06 +/-
 OIL & GAS ROYALTY OWNER: EDWARD AND JUDITH NICHOLS ACREAGE: 424.33 +/-
 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: 12,750'
 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

09/30/2011

69-000684 Map 2

