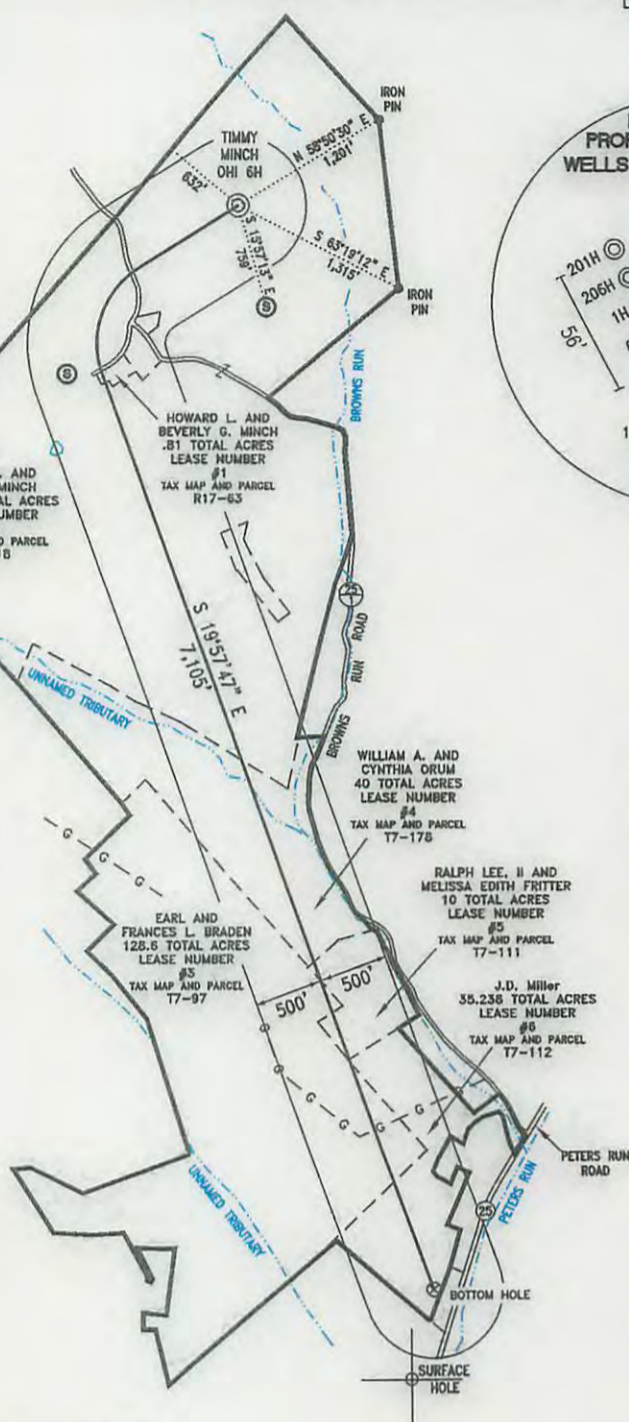
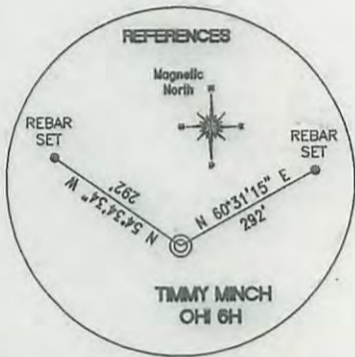


TOP HOLE (UTM NAD 83)
N) 4437290.6
E) 530151.2
BOTTOM HOLE (UTM NAD 83)
N) 4434901.0
E) 530626.3

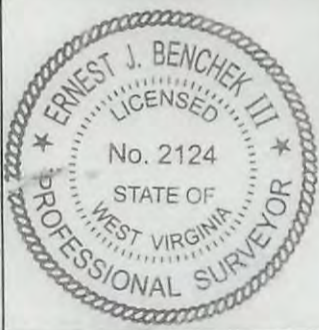


REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records OHIO County, West Virginia JUNE 2012
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
 Drafted by: E.A.M.

NOTE:
 -There are no water wells or springs located within 250' of proposed well.
 -There are no dwellings located within 625' of proposed well.

FILE #: CHE 055
 DRAWING #: 2077
 SCALE: PLAT: 1" = 1,400'
 TICK: 1" = 2,000'
 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

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

WATERSHED: WHEELING CREEK
 COUNTY/DISTRICT: OHIO / TRIADELPHIA
 SURFACE OWNER: TIMMY B. AND AMY L. MINCH
 OIL & GAS ROYALTY OWNER: TIMMY B. AND AMY L. MINCH
 LEASE NUMBERS: _____

DATE: SEPTEMBER 13, 2013
 OPERATOR'S WELL #: TIMMY MINCH OHI 6H
 API WELL #: 47 69 00154 HGA MOD
 STATE COUNTY PERMIT

ELEVATION: 1,208' (AS-BUILT)
 QUADRANGLE: WHEELING, WV
 ACREAGE: 259.36 +/-
 ACREAGE: 474.008 +/-

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
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.
 ADDRESS: PO BOX 18496
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

ESTIMATED DEPTH: TVD: 6,075' TMD: 13,707'
 DESIGNATED AGENT: ERIC GILLESPIE
 ADDRESS: PO BOX 6070
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

SURFACE HOLE DEC. LAT: 40.085280
 SURVEYED LAT: 40° 07' 0"