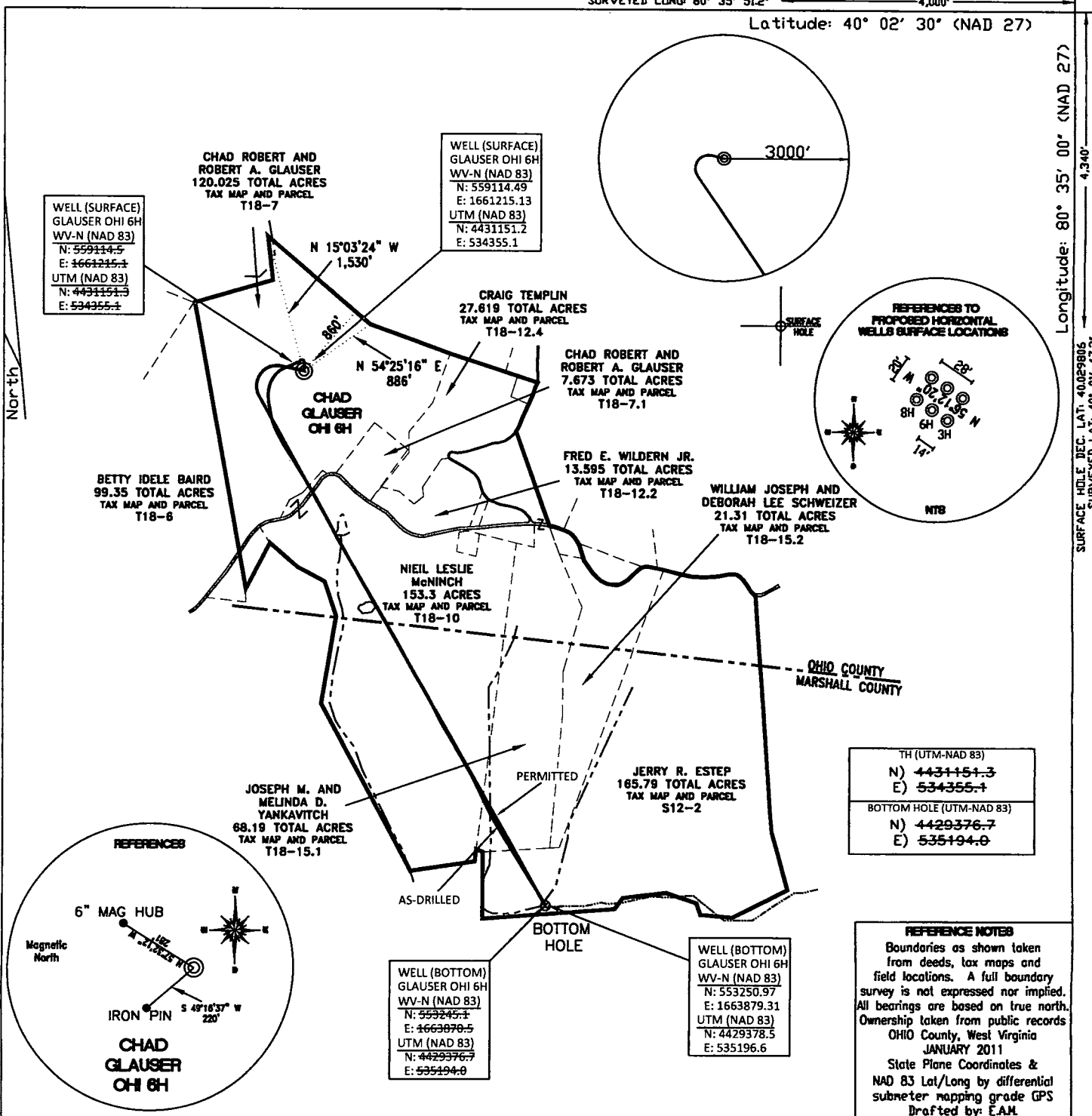


SURFACE HOLE DEC. LONG: 80.597954
 SURVEYED LONG: 80° 35' 51.2"

Latitude: 40° 02' 30" (NAD 27)

Longitude: 80° 35' 00" (NAD 27)

SURFACE HOLE DEC. LAT: 40.0429805
 SURVEYED LAT: 40° 01' 47.3"



FILE #: CHE 047

DRAWING #: 1569

SCALE: 1" = 1600'

MINIMUM DEGREE

OF ACCURACY: 1/200

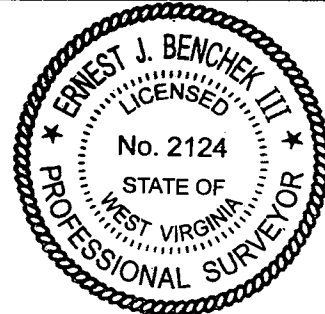
PROVEN SOURCE SUBMETER MAPPING

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 WVDOP

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: 1,240'

COUNTY/DISTRICT: OHIO / TRIADELPHIA

QUADRANGLE: VALLEY GROVE WV.

SURFACE OWNER: CHAD ROBERT AND ROBERT A. GLAUSER

ACREAGE: 120.025 +/-

OIL & GAS ROYALTY OWNER: CHAD ROBERT AND ROBERT A. GLAUSER

ACREAGE: 528.615 +/-

06/20/2014

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: 6,385' TMD: 13,148'

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