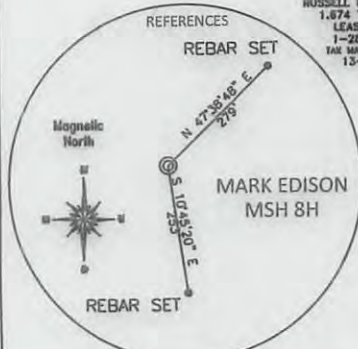
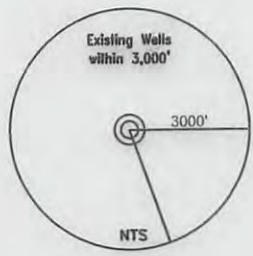
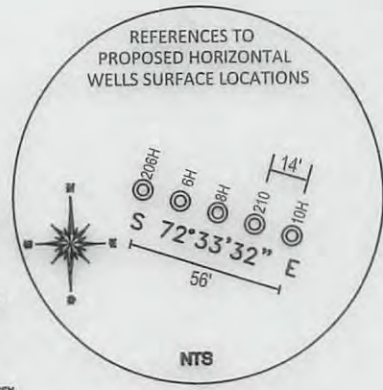
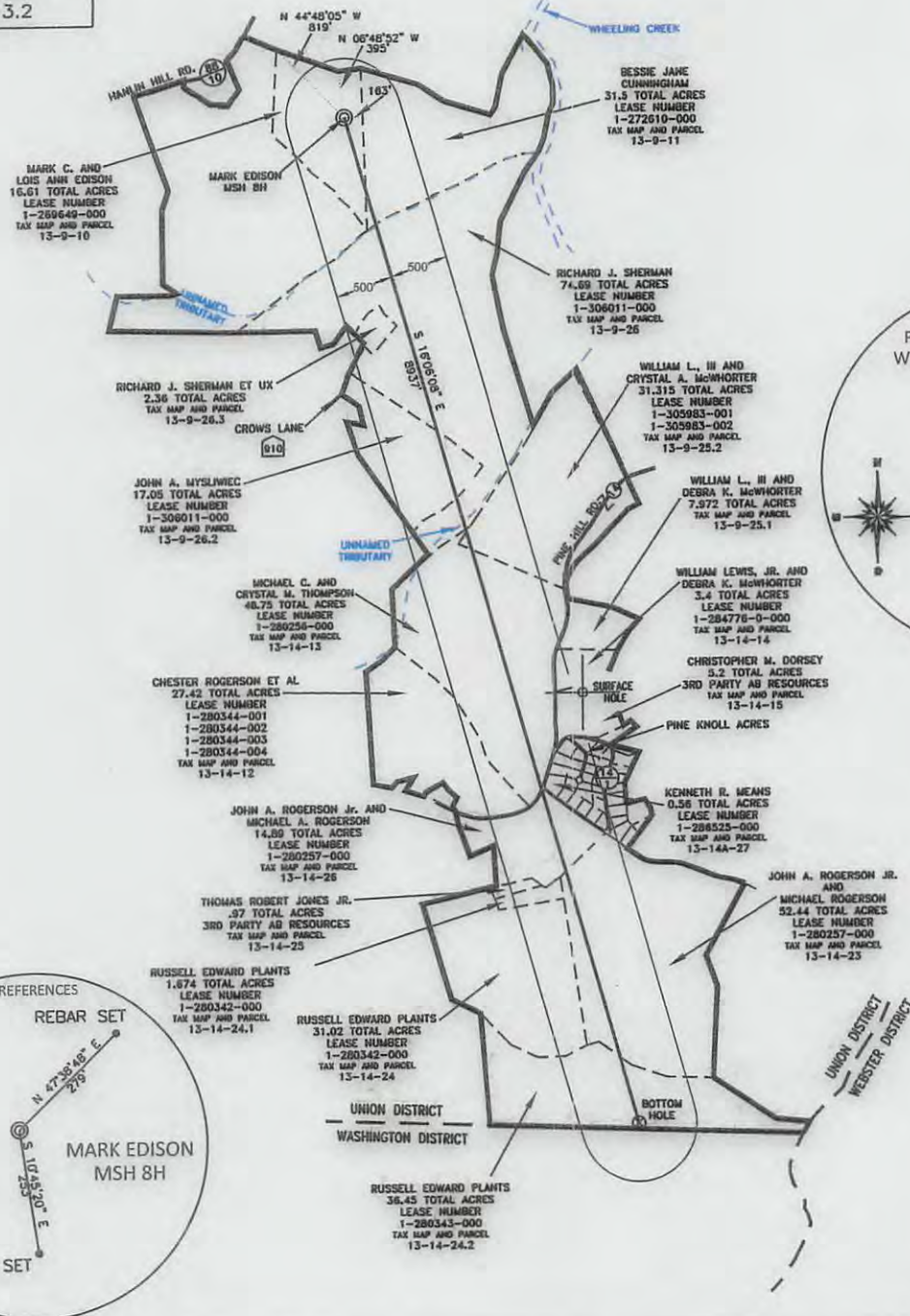


TOP HOLE (UTM NAD 83)

N) 4425173.6
E) 529914.3

BOTTOM HOLE (UTM NAD 83)

N) 4422570.4
E) 530713.2



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 Marshall County, West Virginia JUNE 2013
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.N.

FILE #: CHE 116
DRAWING #: 2267
SCALE: PLAT - 1" = 1600'
TICK MARK - 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING 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



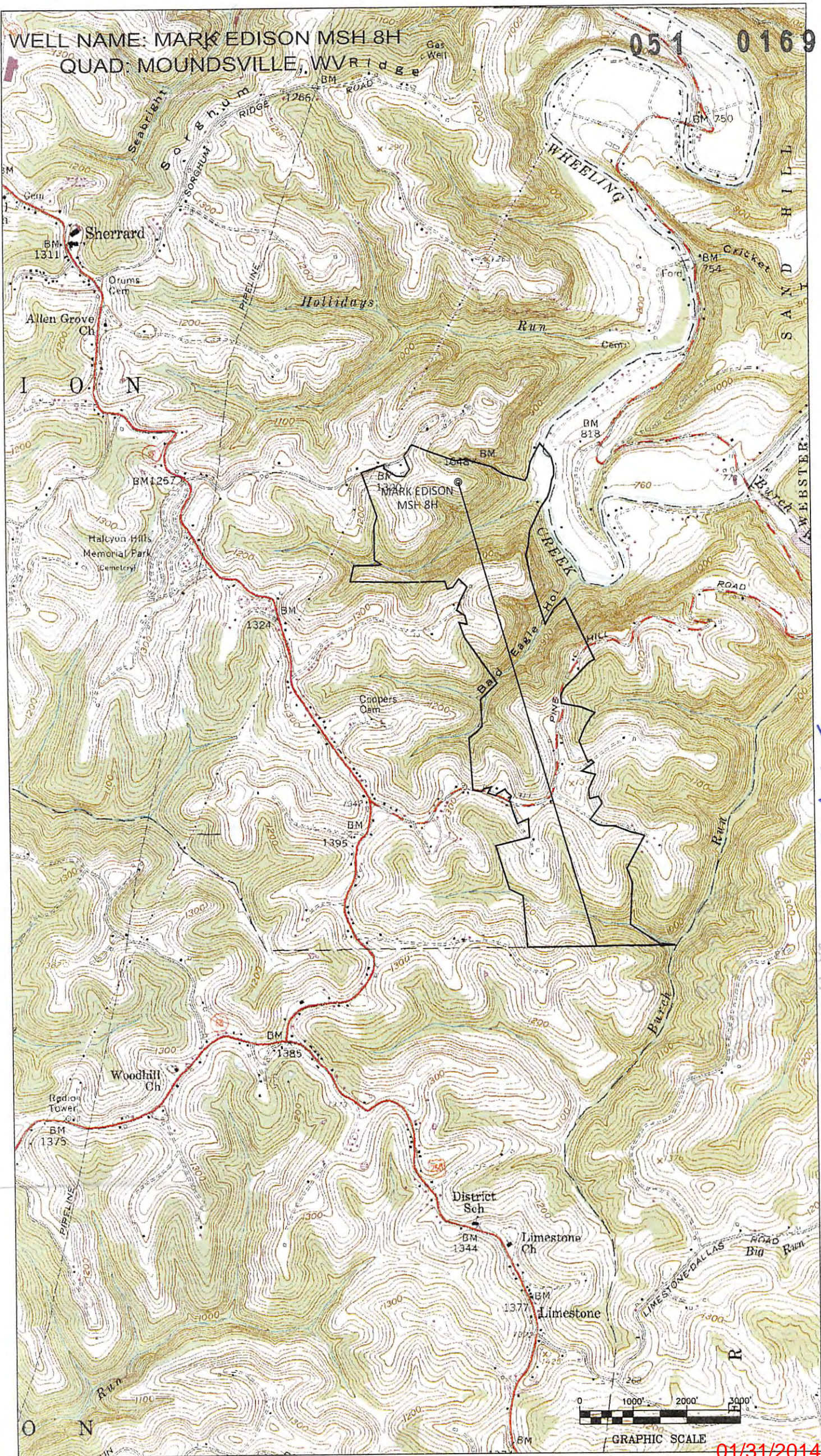
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: WHEELING CREEK
COUNTY/DISTRICT: MARSHALL COUNTY / UNION DISTRICT
SURFACE OWNER: MARK C. AND LOIS ANN EDISON
OIL & GAS ROYALTY OWNER: MARK C. AND LOIS ANN EDISON
LEASE NUMBERS:

DATE: AUGUST 21, 2013
OPERATOR'S WELL #: MARK EDISON MSH 8H
API WELL #: 47 51 01692H6A
STATE COUNTY PERMIT
ELEVATION: 1220'
QUADRANGLE: MOUNDSVILLE, WV
ACREAGE: 16.61 +/-
ACREAGE: 323.695 +/-

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: 6,381' TMD: 15,113'
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

WELL NAME: MARK EDISON MSH 8H
QUAD: MOUNDSVILLE, WV

051 01692



MSK
10-2-13
AN
10-2-13



GRAPHIC SCALE

01/31/2014