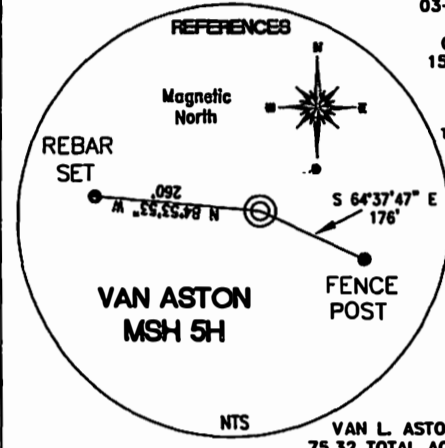
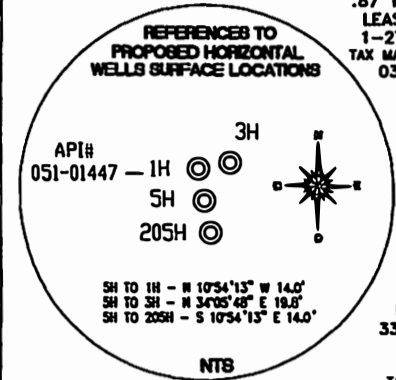
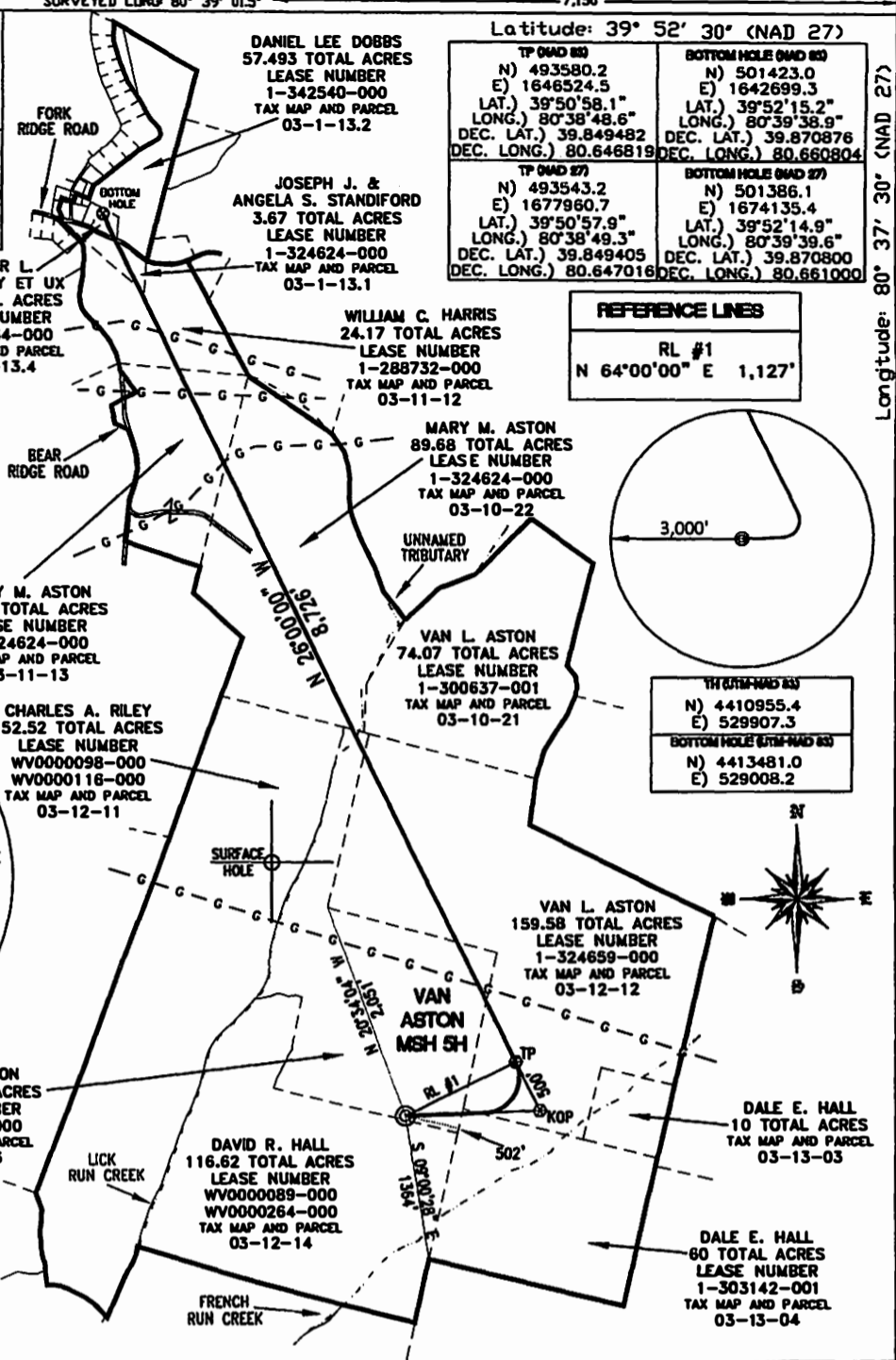


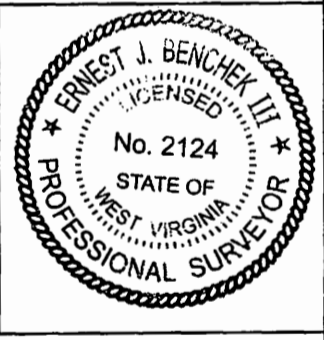
<p>TOP HOLE QUAD 833</p> <p>N) 493086.0 E) 1645511.3 LAT.) 39°50'53.1" LONG.) 80°39'01.5" DEC. LAT.) 39.848090 DEC. LONG.) 80.650406</p>	<p>KOP QUAD 833</p> <p>N) 493130.8 E) 1646743.7 LAT.) 39°50'53.7" LONG.) 80°38'45.7" DEC. LAT.) 39.848256 DEC. LONG.) 80.646018</p>
<p>TOP HOLE QUAD 277</p> <p>N) 493049.0 E) 1676947.4 LAT.) 39°50'52.8" LONG.) 80°39'02.2" DEC. LAT.) 39.848012 DEC. LONG.) 80.650601</p>	<p>KOP QUAD 277</p> <p>N) 493093.8 E) 1678179.9 LAT.) 39°50'53.4" LONG.) 80°38'46.4" DEC. LAT.) 39.848179 DEC. LONG.) 80.646215</p>



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 OCTOBER 2012
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by EAM

FILE #: CHE 032
DRAWING #: 2124
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
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: 1,152'

COUNTY/DISTRICT: MARSHALL / CAMERON QUADRANGLE: GLEN EASTON, WV.

SURFACE OWNER: VAN L. ASTON ACREAGE: 75.32 +/-

OIL & GAS ROYALTY OWNER: VAN L. ASTON ACREAGE: 504.223 +/-

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: 6,595' TMD: 15,781'

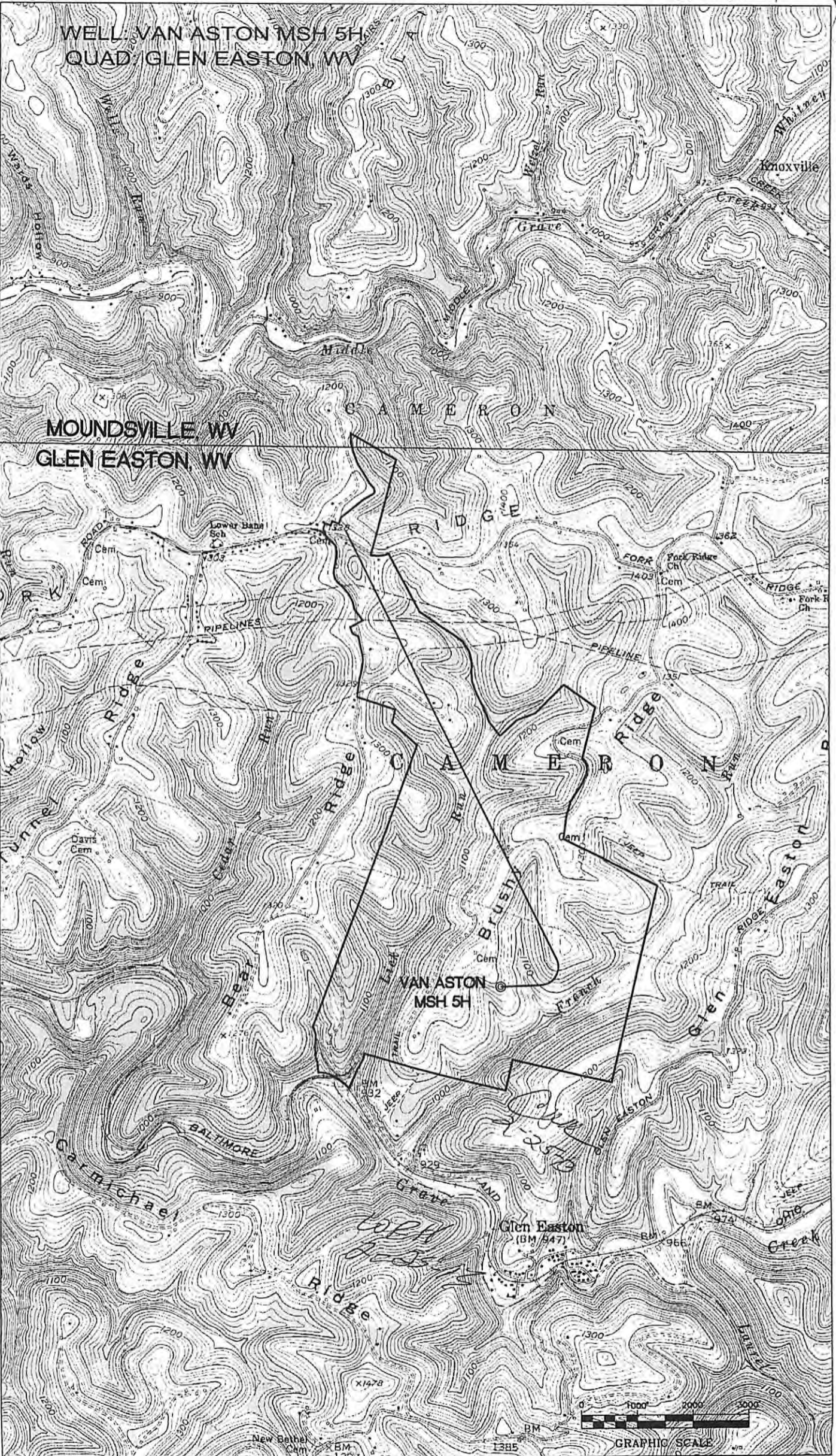
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC GILLESPIE
ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: JANUARY 29, 2013
OPERATOR'S WELL #: VAN ASTON MSH 5H
API WELL #: 47 51 1631/H6A
STATE COUNTY PERMIT

51-01631

V
K

WELL: VAN ASTON MSH 5H
QUAD: GLEN EASTON, WV



51-01631

05/03/2013