

VAN L. ASTON
 75.32 TOTAL ACRES
 LEASE NUMBER
 1-324659-000
 TAX MAP AND PARCEL
 3-12-13

VAN L. ASTON
 159.58 TOTAL ACRES
 LEASE NUMBER
 1-324659-000
 TAX MAP AND PARCEL
 3-12-12

VAN
 ASTON
 MSH 10H

DALE E. HALL
 10 TOTAL ACRES
 TAX MAP AND PARCEL
 3-13-03

TH (UTM-NAD 83)
N) 4410947.9
E) 529913.2
BOTTOM HOLE (UTM-NAD 83)
N) 4409233.4
E) 531341.1

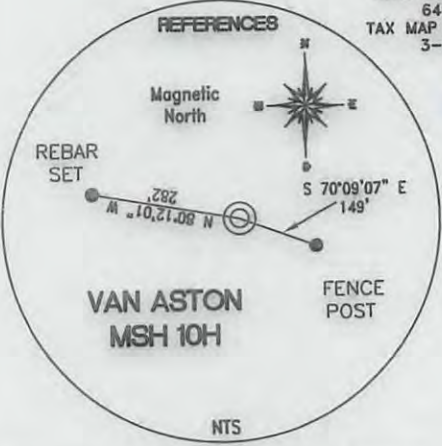
DAVID R. HALL
 116.62 TOTAL ACRES
 LEASE NUMBER
 WV0000089-000
 WV0000264-000
 TAX MAP AND PARCEL
 3-12-14

DALE E. HALL
 60 TOTAL ACRES
 LEASE NUMBER
 1-303142-001
 TAX MAP AND PARCEL
 3-13-04

CHRIS AND DEBRA
 RICHARDSON
 252.6 TOTAL ACRES
 DEED BOOK / PAGE
 648/362
 TAX MAP AND PARCEL
 3-13-06

CONSOLIDATION COAL CO.
 12.9 TOTAL ACRES
 DEED BOOK / PAGE
 646/493
 TAX MAP AND PARCEL
 3-19-85

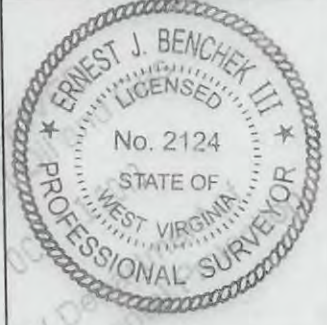
JOHN W. BARNES
 57 TOTAL ACRES
 DEED BOOK / PAGE
 681/438
 TAX MAP AND PARCEL
 3-19-72



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

FILE #: CHE 032
 DRAWING #: 2187
 SCALE: PLAT - 1" = 1600'
 TICK MARK - 1" = 2000'
 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 WYDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

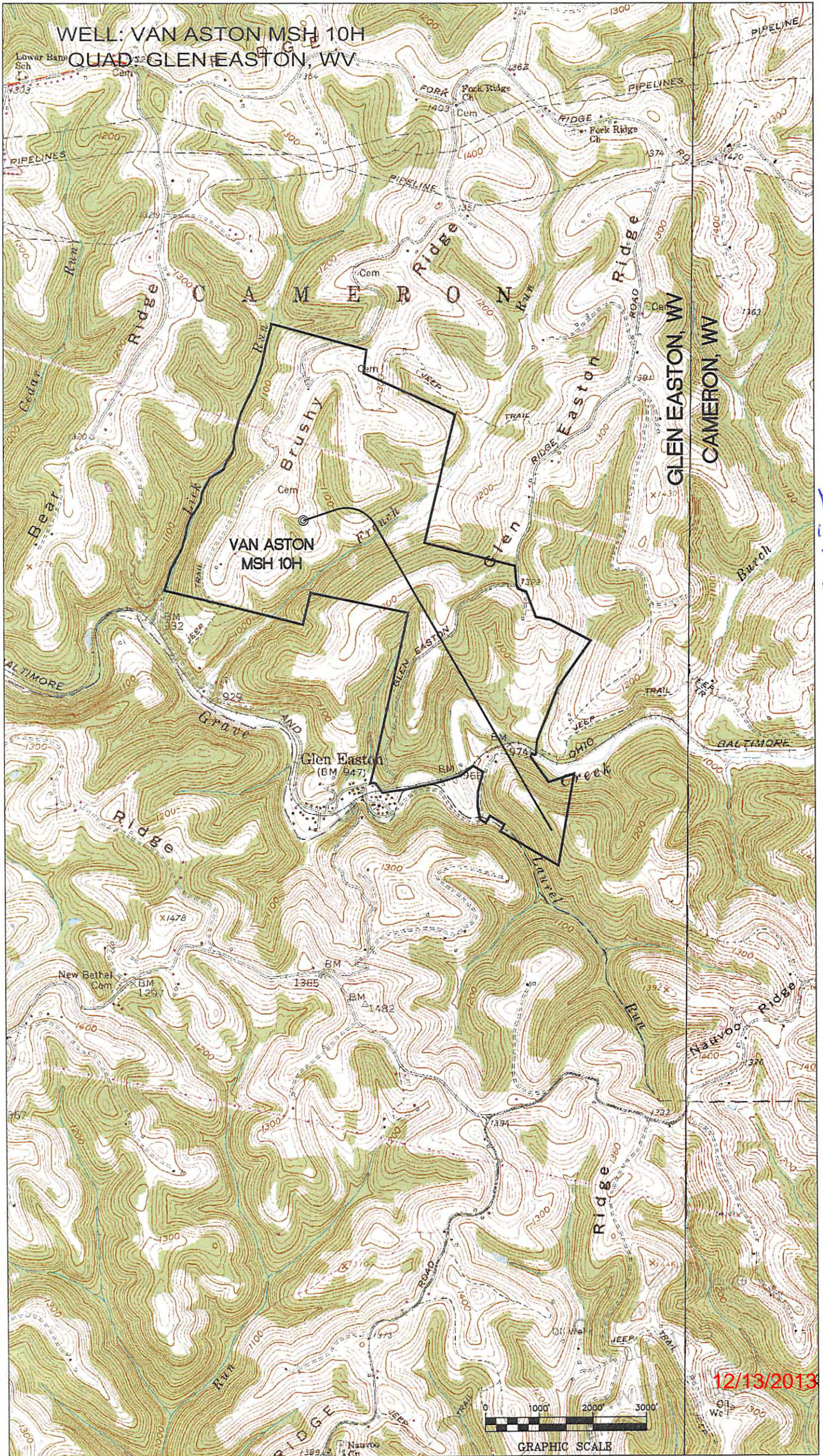
DATE: SEPTEMBER 05, 2013
 OPERATOR'S WELL #: VAN ASTON MSH 10H
 API WELL #: 47 51 0169DH6A
 STATE COUNTY PERMIT

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow
 WATERSHED: MIDDLE GRAVE CREEK / GRAVE CREEK
 COUNTY/DISTRICT: MARSHALL / CAMERON
 SURFACE OWNER: VAN L. ASTON
 OIL & GAS ROYALTY OWNER: VAN L. ASTON
 LEASE NUMBERS:

ELEVATION: 1,152'
 QUADRANGLE: GLEN EASTON, WV.
 ACREAGE: 75.32 +/-
 ACREAGE: 617.4 +/-

TARGET FORMATION: MARCELLUS
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.
 ADDRESS: PO BOX 18496
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
 ESTIMATED DEPTH: TVD: 6,572' 12/13/2013
 DESIGNATED AGENT: ERIC GILLESPIE
 ADDRESS: PO BOX 6070
 CITY: CHARLESTON STATE: WV ZIP CODE: 25362

WELL: VAN ASTON MSH 10H
QUAD: GLEN EASTON, WV



Handwritten note: MSH 10H-10H for total ✓

12/13/2013



GRAPHIC SCALE