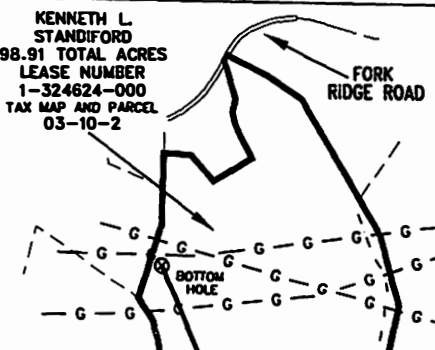
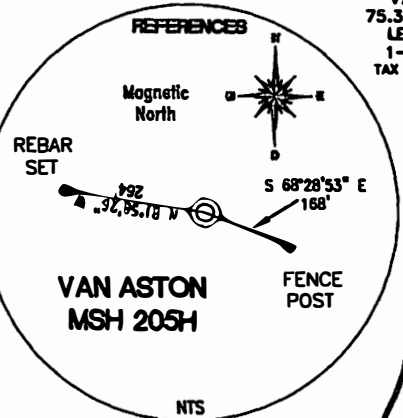
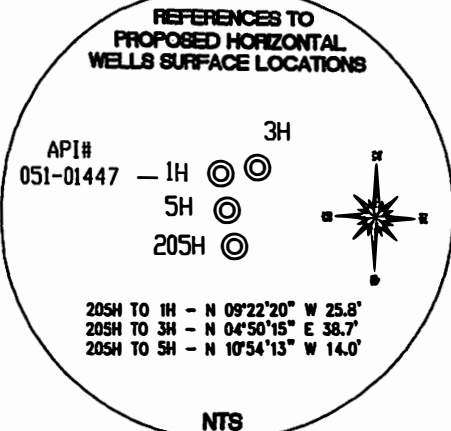


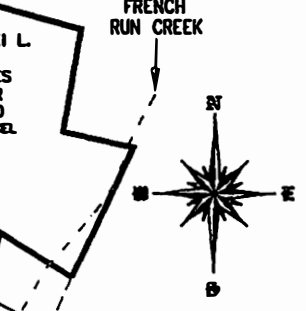
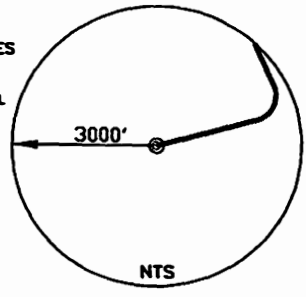
TOP HOLE (NAD 83) N) 493072.2 E) 1645513.9 LAT.) 39°50'53.0" LONG.) 80°39'01.4" DEC. LAT.) 39.848052 DEC. LONG.) 80.650398	KOP (NAD 83) N) 493644.6 E) 1647616.7 LAT.) 39°50'58.9" LONG.) 80°38'34.6" DEC. LAT.) 39.849697 DEC. LONG.) 80.642932
TOP HOLE (NAD 87) N) 493035.3 E) 1676950.1 LAT.) 39°50'52.7" LONG.) 80°39'02.1" DEC. LAT.) 39.847975 DEC. LONG.) 80.650591	KOP (NAD 87) N) 493607.6 E) 1679052.9 LAT.) 39°50'58.6" LONG.) 80°38'35.3" DEC. LAT.) 39.849620 DEC. LONG.) 80.643129



TP (NAD 83) N) 494103.1 E) 1647417.3 LAT.) 39°51'03.4" LONG.) 80°38'37.2" DEC. LAT.) 39.850949 DEC. LONG.) 80.643664	BOTTOM HOLE (NAD 83) N) 499644.8 E) 1645006.4 LAT.) 39°51'57.9" LONG.) 80°39'09.0" DEC. LAT.) 39.868077 DEC. LONG.) 80.652503
TP (NAD 87) N) 494066.1 E) 1678853.4 LAT.) 39°51'03.1" LONG.) 80°38'37.9" DEC. LAT.) 39.850871 DEC. LONG.) 80.643860	BOTTOM HOLE (NAD 87) N) 499607.9 E) 1676442.5 LAT.) 39°51'57.6" LONG.) 80°39'09.7" DEC. LAT.) 39.865999 DEC. LONG.) 80.652700



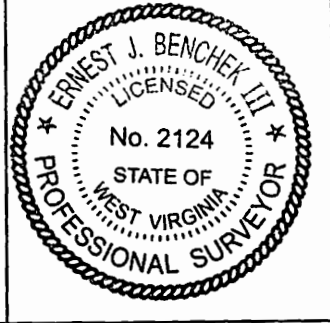
TH (NAD 83) N) 4410951.2 E) 529908.2
BOTTOM HOLE (NAD 83) N) 4412951.0 E) 529720.1
REFERENCE LINES RL #1 N 61°33'35" E 2,165'



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 #: 2125
SCALE: 1" = 1400'
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

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

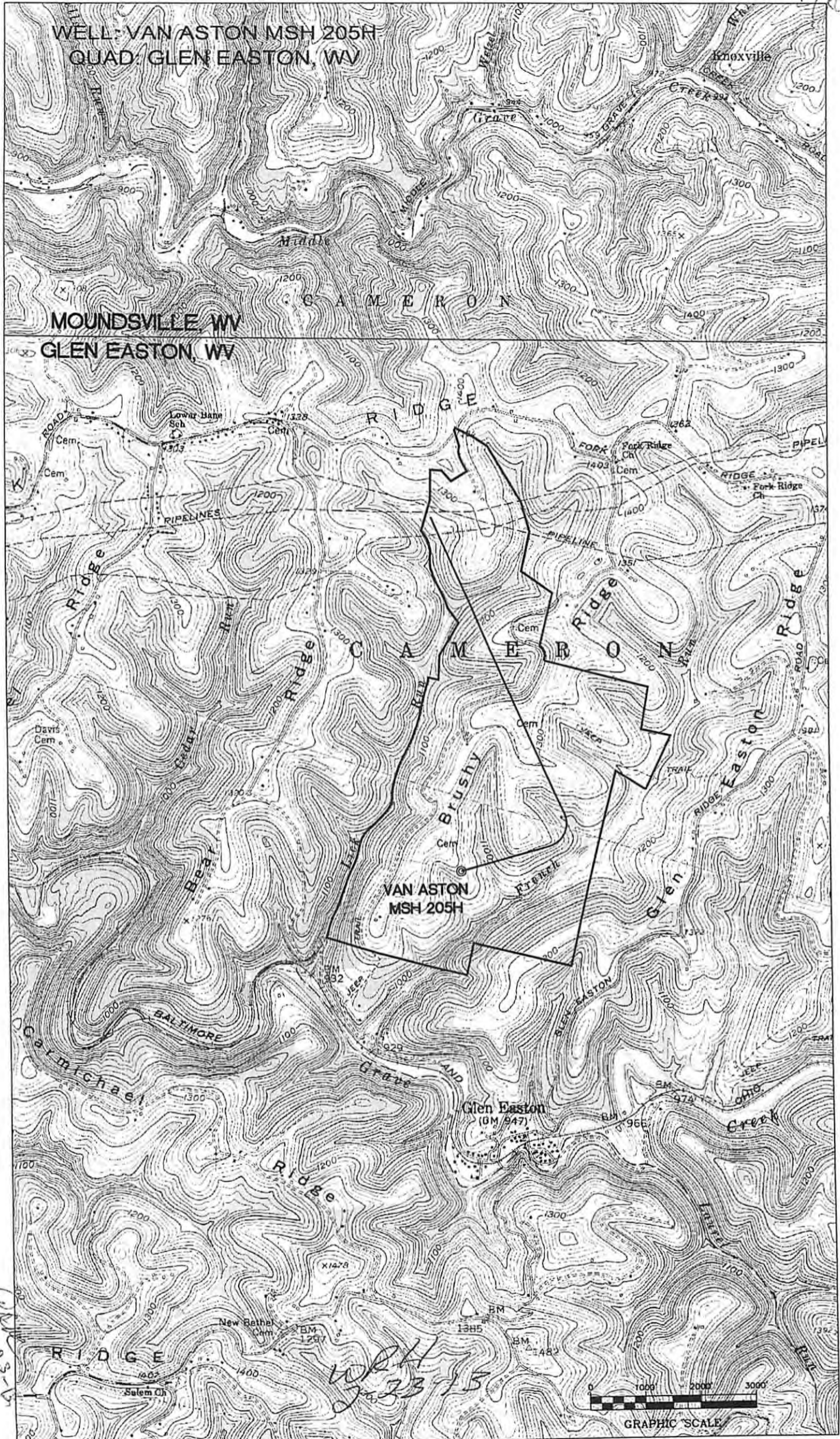
WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,152'
COUNTY/DISTRICT: MARSHALL / CAMERON QUADRANGLE: GLEN EASTON, WV.
SURFACE OWNER: VAN L. ASTON ACREAGE: 75.32 +/-
OIL & GAS ROYALTY OWNER: VAN L. ASTON ACREAGE: 487.88 +/-
LEASE NUMBERS: _____

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: 13,317'
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 205H
API WELL #: 47 51 1632 H6A
STATE COUNTY PERMIT

WELL: VAN ASTON MSH 205H
QUAD: GLEN EASTON, WV



2-25-15

WRH
7-23-15

