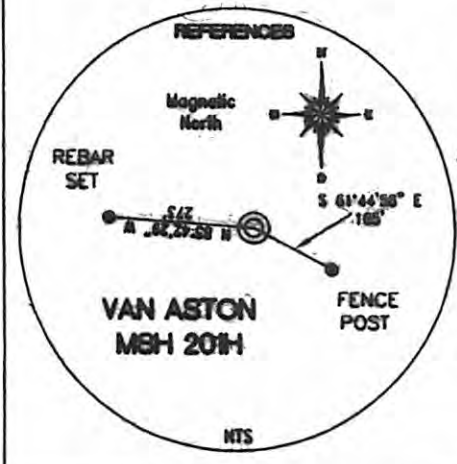
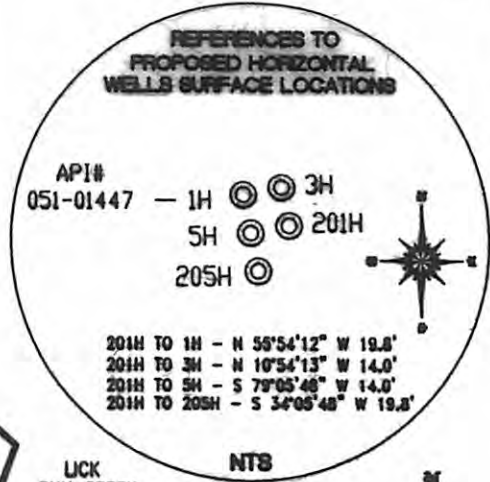


TH (UTM-NAD 80)	N) 4410956.3
	E) 529911.5
BOTTOM HOLE (UTM-NAD 80)	N) 4412376.0
	E) 528224.5



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 & 1983 Lat/Long by differential submeter mapping grade GPS Drafted by EAM

FILE #: CHE 032

DRAWING #: 2163

SCALE: 1" = 1400'

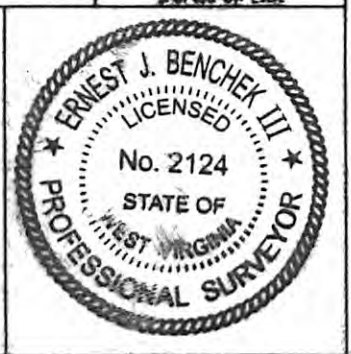
MINIMUM DEGREE OF ACCURACY: 1/200

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: *[Signature]*

L.L.S. #2124: Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP

OFFICE OF OIL & GAS  
601 97TH STREET  
CHARLESTON, WV 25304

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

WATERSHED: UPPER OHIO SOUTH

COUNTY/DISTRICT: MARSHALL / CAMERON

SURFACE OWNER: VAN L. ASTON

OIL & GAS ROYALTY OWNER: VAN L. ASTON

LEASE NUMBERS:

DATE: MARCH 19, 2013

OPERATOR'S WELL #: VAN ASTON MSH 201H

API WELL #: 47 51 01636

STATE COUNTY PERMIT CANCELLED H6A

ELEVATION: 1,152'

QUADRANGLE: GLEN EASTON, WV.

ACREAGE: 75.32 +/-

ACREAGE: 784.13 +/-

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

WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.

ESTIMATED DEPTH: TVD: 6,572' TMD: 13,889'

DESIGNATED AGENT: ERIC GILLESPIE

ADDRESS: PO BOX 18495

ADDRESS: PO BOX 6070

CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

CITY: CHARLESTON STATE: WV ZIP CODE: 25301