

SURFACE HOLE DEC. LAT: 39.87938 SURVEYED LAT: 39° 50' 52.6"

TH (UTM-NAD 83)	N) 4410947.1
	E) 529909.0
BOTTOM HOLE (UTM-NAD 83)	N) 4408360.9
	E) 530205.4

**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 #: 2190  
SCALE: PLAT - 1" = 1800'  
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

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK 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: 526.252 +/-  
LEASE NUMBERS: \_\_\_\_\_

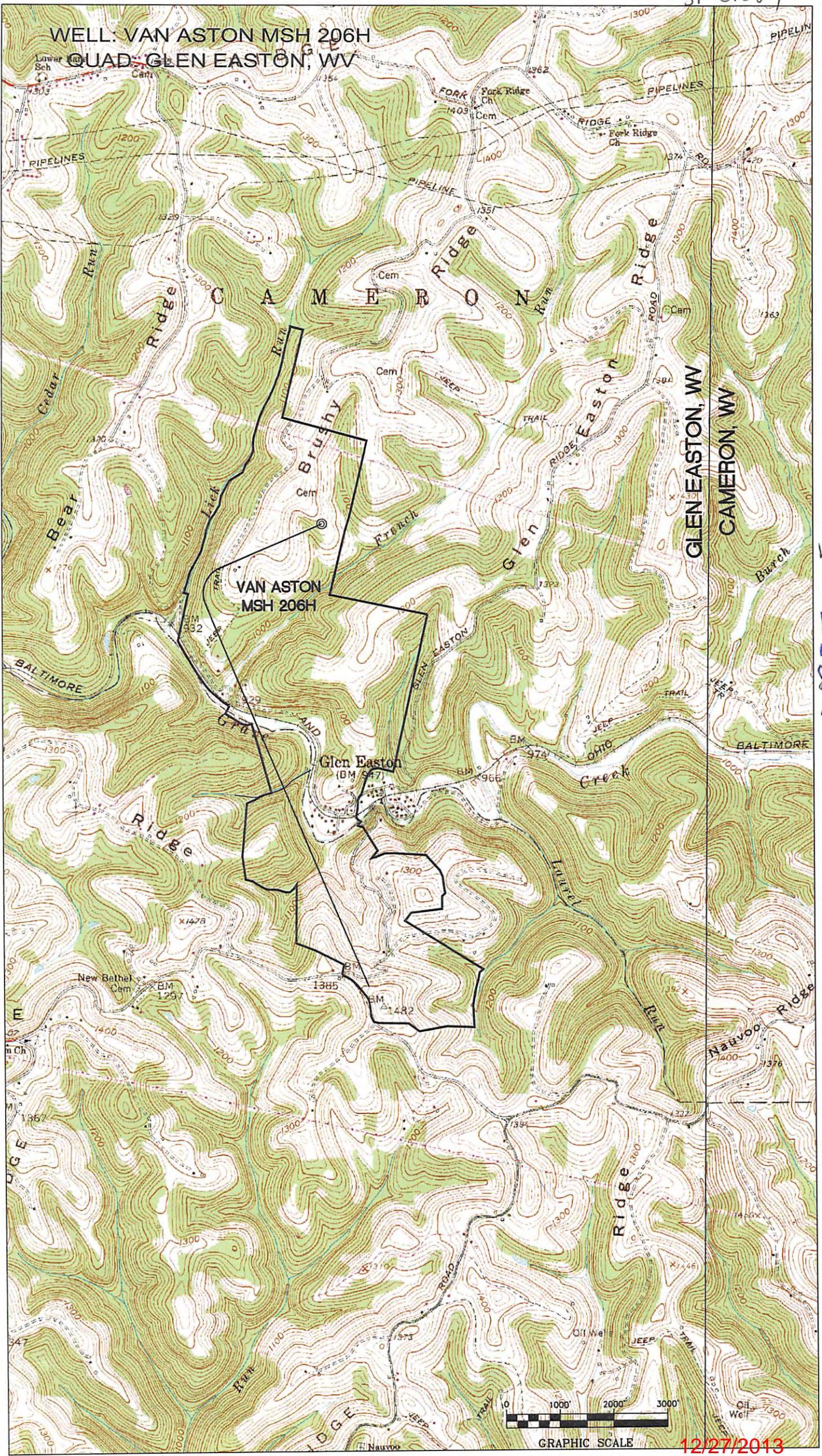
DATE: SEPTEMBER 18, 2013  
OPERATOR'S WELL #: VAN ASTON MSH 206H  
API WELL #: 47 51 01689 H6A  
STATE COUNTY PERMIT

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: 6,575' TMD: 15,792'  
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: 25362

12/27/2013

WELL: VAN ASTON MSH 206H  
QUAD: GLEN EASTON, WV



MSK  
10-2-13  
SM  
10/13