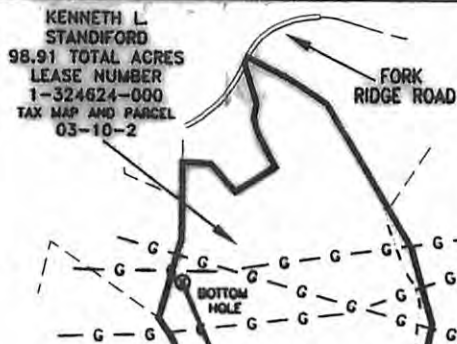
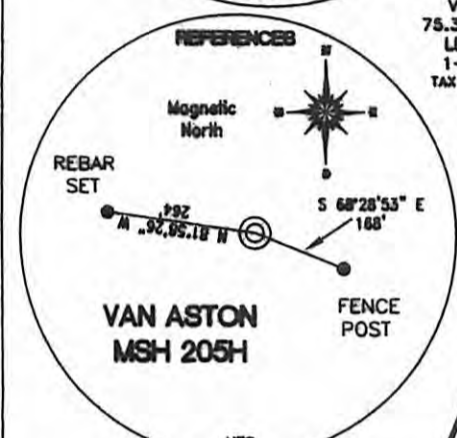
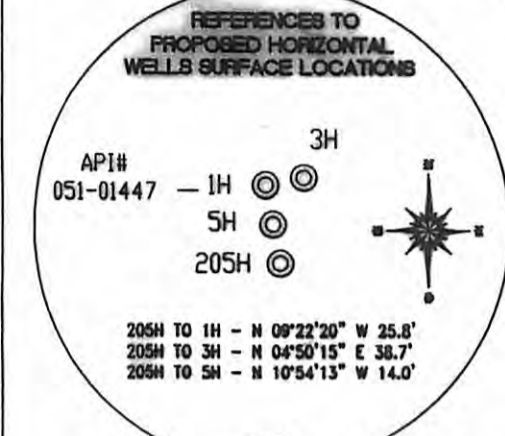


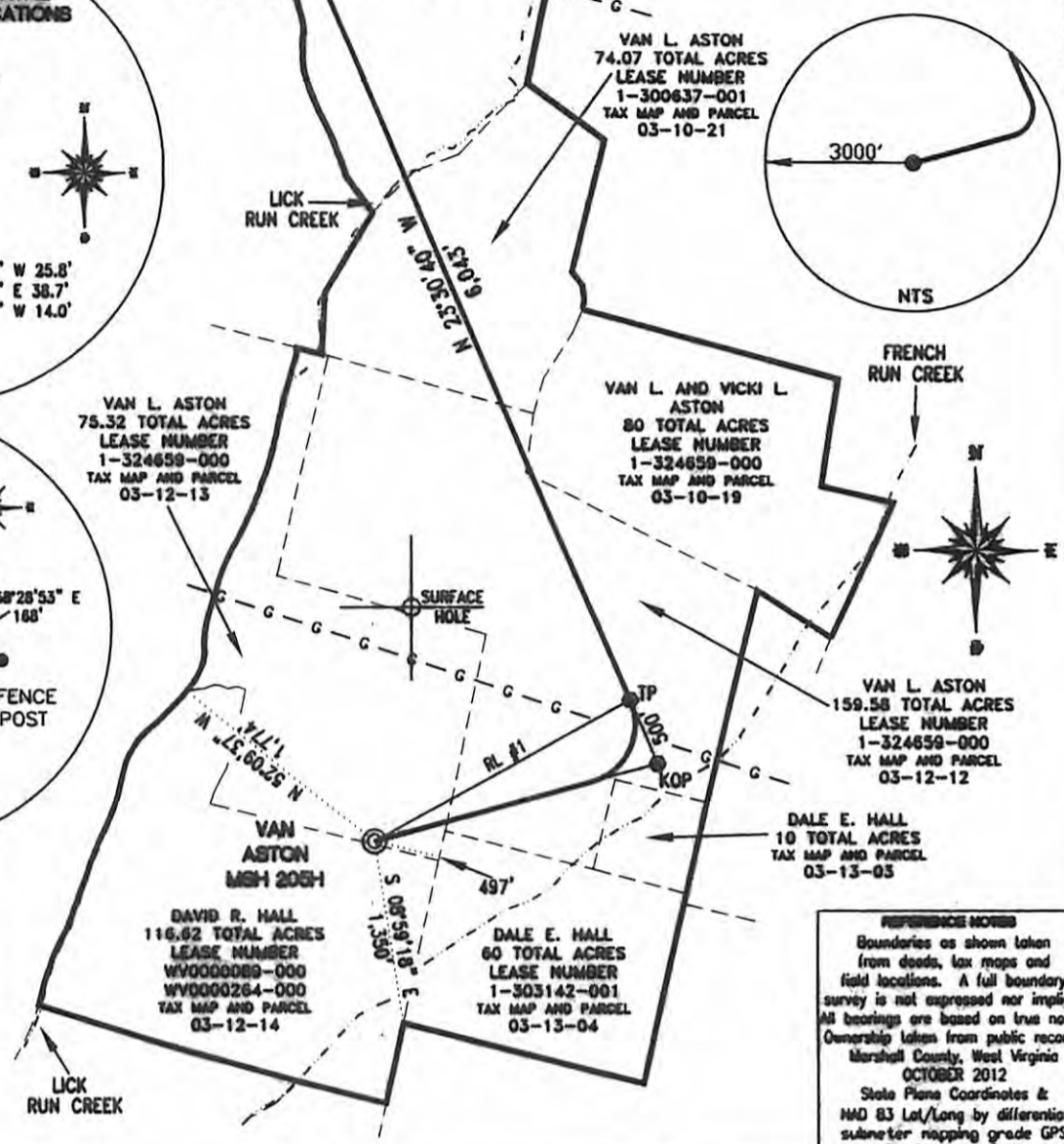
TOP HOLE (NAD 83) N) 493072.2 E) 1645513.9 LAT.) 39°50'53.0" LONG.) 80°39'01.4" DEC. LAT.) 39.848052 DEC. LONG.) 80.650396	KOP (NAD 83) N) 493644.6 E) 1647616.7 LAT.) 39°50'58.9" LONG.) 80°38'34.6" DEC. LAT.) 39.849697 DEC. LONG.) 80.642932
TOP HOLE (NAD 27) N) 493035.3 E) 1676950.1 LAT.) 39°50'52.7" LONG.) 80°39'02.1" DEC. LAT.) 39.847975 DEC. LONG.) 80.650591	KOP (NAD 27) 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.) 39.866077 DEC. LONG.) 80.652503
TP (NAD 27) 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 27) N) 499607.9 E) 1676442.5 LAT.) 39°51'57.6" LONG.) 80°39'09.7" DEC. LAT.) 39.865999 DEC. LONG.) 80.652700



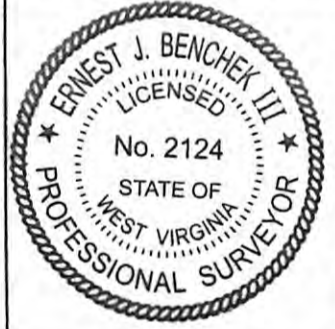
TP (NAD 83) N) 4410951.2 E) 529908.2
BOTTOM HOLE (NAD 83) N) 4412951.0 E) 529720.1
REFERENCE LINES RL #1 N 61°33'35" E 2,165'



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 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: 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
CANCELLED

06/10/2015