

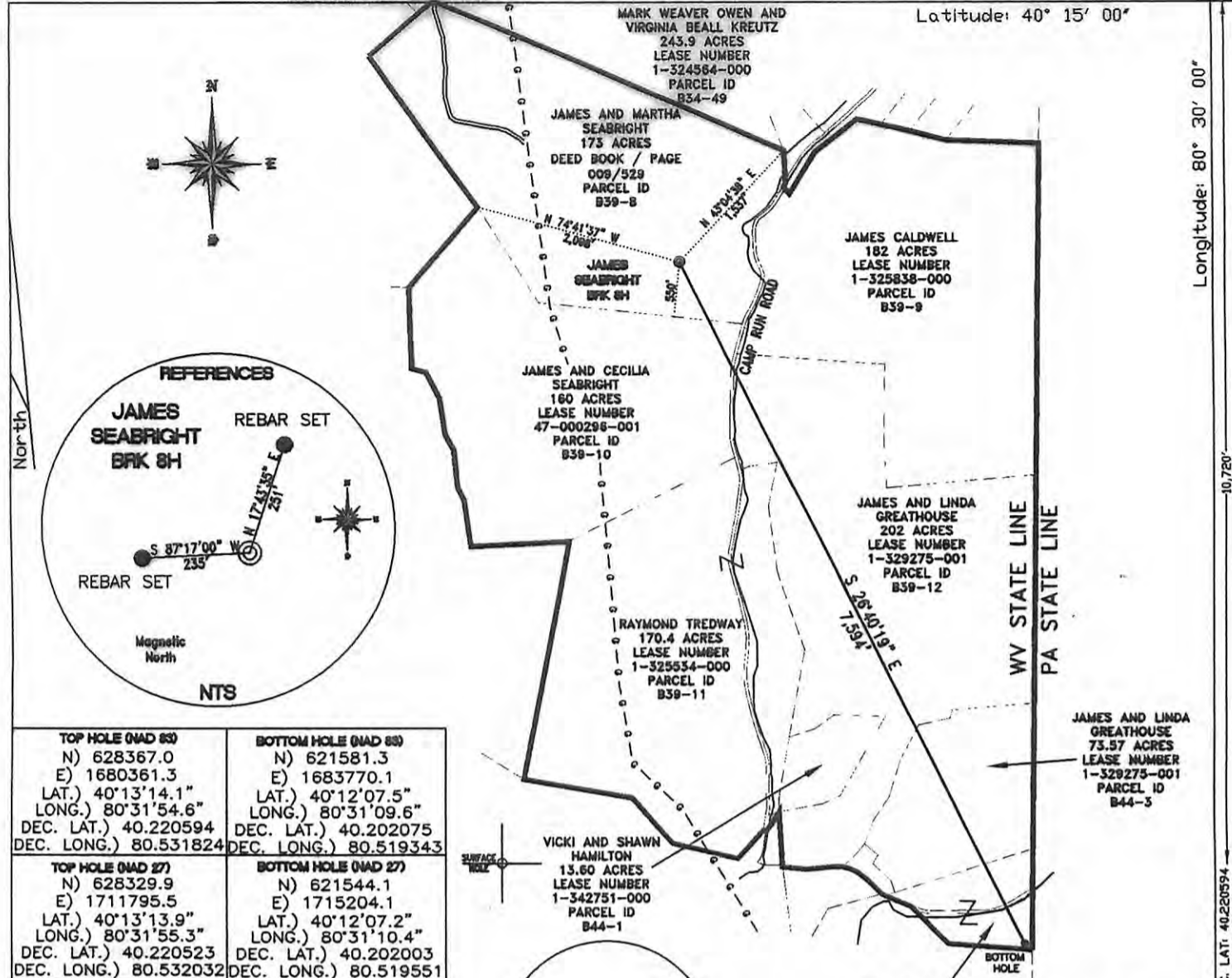
SURFACE HOLE DEC. LONG: 80.531824  
 SURVEYED LONG: 80° 31' 54.6"

8,890'

Latitude: 40° 15' 00"

Longitude: 80° 30' 00"

10,720'  
 SURFACE HOLE DEC. LAT: 40.220594  
 SURVEYED LAT: 40° 13' 14.1"

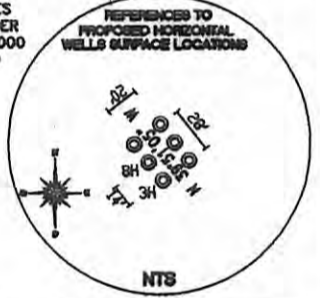
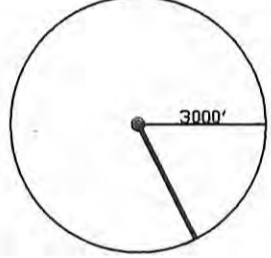


<b>TOP HOLE (NAD 83)</b> N) 628367.0 E) 1680361.3 LAT.) 40°13'14.1" LONG.) 80°31'54.6" DEC. LAT.) 40.220594 DEC. LONG.) 80.531824	<b>BOTTOM HOLE (NAD 83)</b> N) 621581.3 E) 1683770.1 LAT.) 40°12'07.5" LONG.) 80°31'09.6" DEC. LAT.) 40.202075 DEC. LONG.) 80.519343
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<b>TOP HOLE (NAD 27)</b> N) 628329.9 E) 1711795.5 LAT.) 40°13'13.9" LONG.) 80°31'55.3" DEC. LAT.) 40.220523 DEC. LONG.) 80.532032	<b>BOTTOM HOLE (NAD 27)</b> N) 621544.1 E) 1715204.1 LAT.) 40°12'07.2" LONG.) 80°31'10.4" DEC. LAT.) 40.202003 DEC. LONG.) 80.519551
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**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 Brooke County, West Virginia DECEMBER 2011  
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
 Drafted by: E.A.M.

<b>TOP HOLE (UTM 83)</b> N) 4452128.1 E) 539818.0	<b>BOTTOM HOLE (UTM 83)</b> N) 4450296.7 E) 540907.6
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FILE #: CHE 029  
 DRAWING #: 1934  
 SCALE: 1" = 1600'  
 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 57TH STREET  
 CHARLESTON, WV 25304

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,125'  
 COUNTY/DISTRICT: BROOKE / BUFFALO QUADRANGLE: BETHANY, WV.  
 SURFACE OWNER: JAMES AND MARTHA SEABRIGHT ACREAGE: 173.00 +/-  
 OIL & GAS ROYALTY OWNER: JAMES AND MARTHA SEABRIGHT ACREAGE: 416.90 +/-  
 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: 6,050' TMD: 13,439'  
 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: 25304

DATE: DECEMBER 19, 2011  
 OPERATOR'S WELL #: JAMES SEABRIGHT BRK 8H  
 API WELL #: 47 09 00132 H6A  
**CANCELLED** DATE: COUNTY PERMIT

06/13/2014