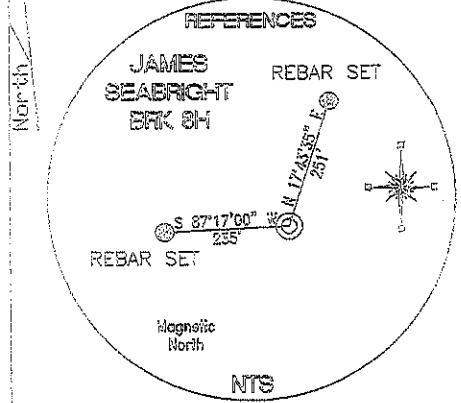
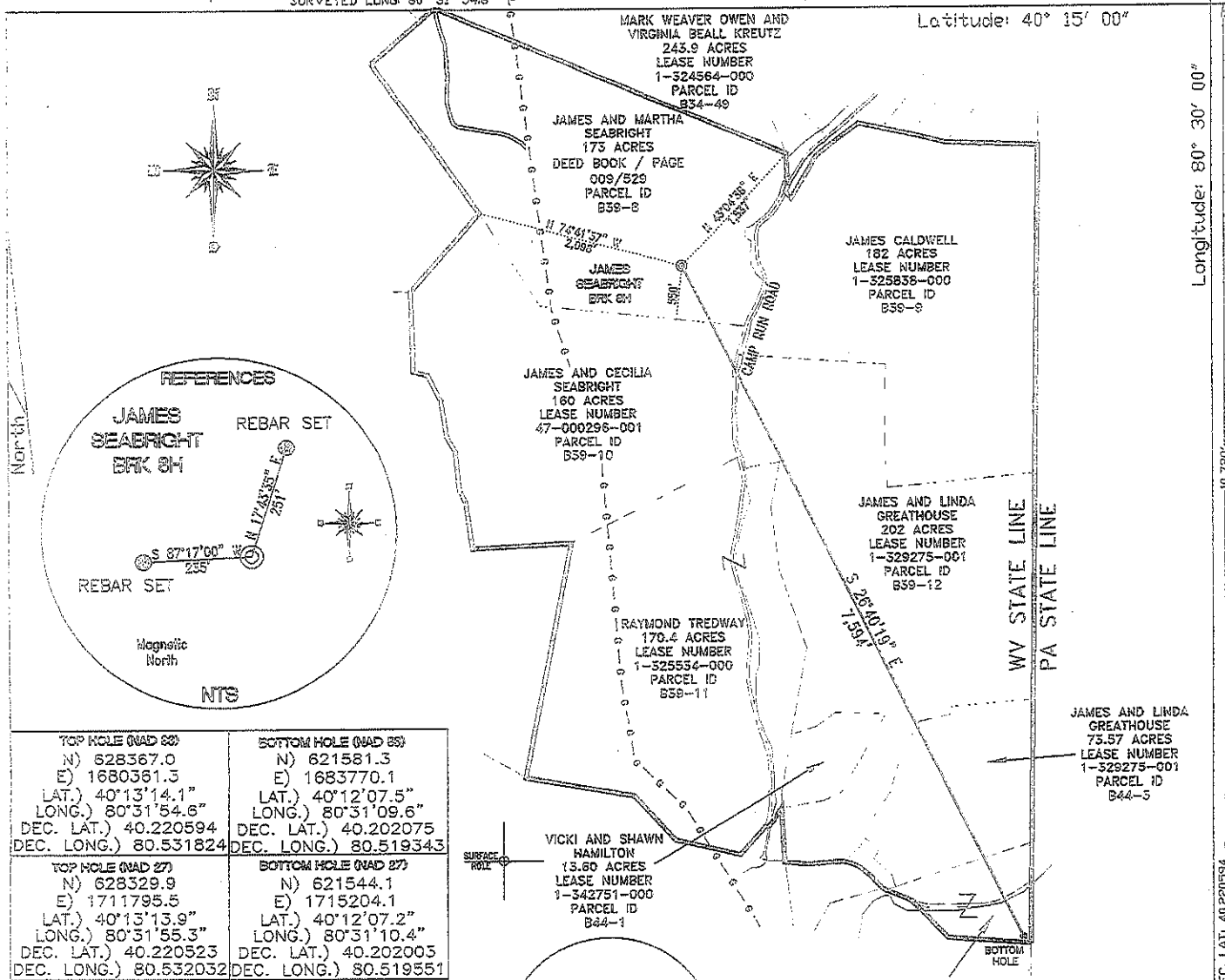


SURFACE HOLE DEC. LONG: 80.531824
SURVEYED LONG: 80° 31' 54.6"

8,890'

Latitude: 40° 15' 00"

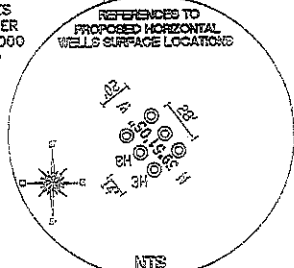
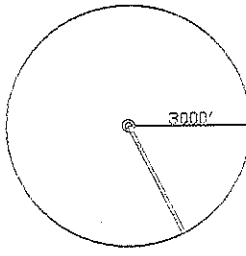
Longitude: 80° 30' 00"



TOP HOLE (OAD 28) N) 628367.0 E) 1680361.3 LAT.) 40°13'14.1" LONG.) 80°31'54.6" DEC. LAT.) 40.220594 DEC. LONG.) 80.531824	BOTTOM HOLE (OAD 28) N) 621581.3 E) 1683770.1 LAT.) 40°12'07.5" LONG.) 80°31'09.6" DEC. LAT.) 40.202075 DEC. LONG.) 80.519343
TOP HOLE (OAD 27) N) 628329.9 E) 1711795.5 LAT.) 40°13'13.9" LONG.) 80°31'55.3" DEC. LAT.) 40.220523 DEC. LONG.) 80.532032	BOTTOM HOLE (OAD 27) N) 621544.1 E) 1715204.1 LAT.) 40°12'07.2" LONG.) 80°31'10.4" DEC. LAT.) 40.202003 DEC. LONG.) 80.519551

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.

TOP HOLE (UTM 28) N) 4452128.1 E) 539618.0	BOTTOM HOLE (UTM 28) 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: _____
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

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

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: 25301

06/08/2012

9-00132H6A

WELL JAMES SEABRIGHT BRK 8H
QUAD BETHANY WV

