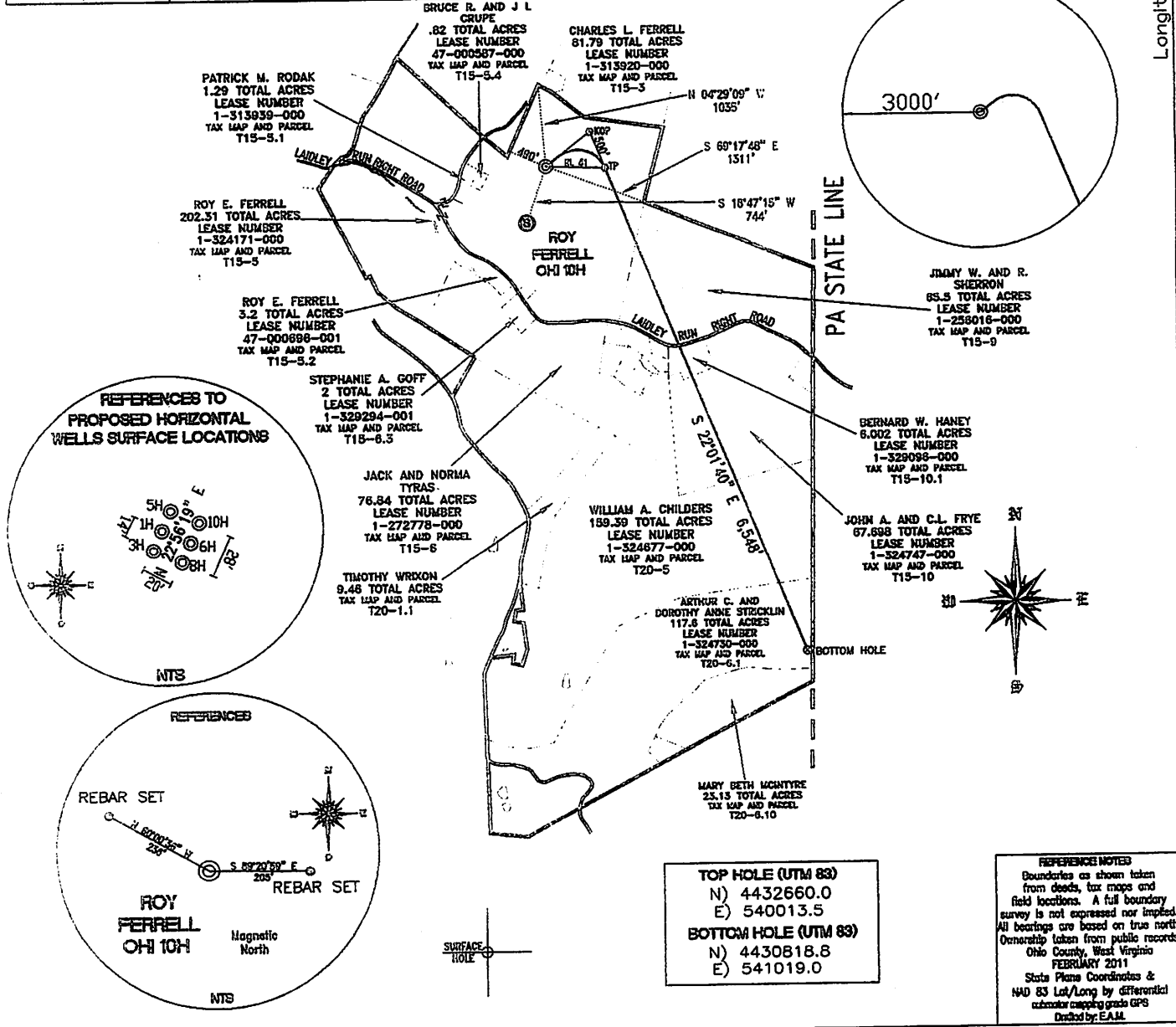


TOP HOLE (NAD 27) N) 563717.6 E) 1711300.6 LAT.) 40°02'35.3" LONG.) 80°31'52.1" DEC. LAT.) 40.043149 DEC. LONG.) 80.531148	KOP (NAD 27) N) 564154.0 E) 1711855.6 LAT.) 40°02'39.7" LONG.) 80°31'45.1" DEC. LAT.) 40.044365 DEC. LONG.) 80.529184	TP (NAD 27) N) 563690.5 E) 1712043.1 LAT.) 40°02'35.2" LONG.) 80°31'42.6" DEC. LAT.) 40.043098 DEC. LONG.) 80.528495	BOTTOM HOLE (NAD 27) N) 557820.6 E) 1714498.8 LAT.) 40°01'35.4" LONG.) 80°31'10.1" DEC. LAT.) 40.028513 DEC. LONG.) 80.519479
TOP HOLE (NAD 83) N) 563754.6 E) 1679866.4 LAT.) 40°02'35.6" LONG.) 80°31'51.4" DEC. LAT.) 40.043223 DEC. LONG.) 80.530941	KOP (NAD 83) N) 564191.0 E) 1680421.4 LAT.) 40°02'40.0" LONG.) 80°31'44.3" DEC. LAT.) 40.044439 DEC. LONG.) 80.528977	TP (NAD 83) N) 563727.5 E) 1680608.9 LAT.) 40°02'35.4" LONG.) 80°31'41.8" DEC. LAT.) 40.043172 DEC. LONG.) 80.528288	BOTTOM HOLE (NAD 83) N) 557857.6 E) 1683084.7 LAT.) 40°01'35.7" LONG.) 80°31'09.4" DEC. LAT.) 40.028587 DEC. LONG.) 80.519271

REFERENCE LINES
RL #1 S 87°54'33" E 743'



FILE #: CHE 034
DRAWING #: 1856
SCALE: 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

DATE: NOVEMBER 11, 2011
OPERATOR'S WELL #: ROY FERRELL OHI 10H
API WELL #: 47 69 90114H6A
STATE COUNTY PERMIT

(+) 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: 1,210'
COUNTY/DISTRICT: OHIO/TRIADELPHIA QUADRANGLE: VALLEY GROVE WV.
SURFACE OWNER: ROY E. FERRELL ACREAGE: 202.31 +/-
OIL & GAS ROYALTY OWNER: ROY E. FERRELL ACREAGE: 581.28 +/-
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: 6,665' TMD: 13,544'
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC B. 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

WELL: ROY FERRELL OH10H
QUAD: VALLEY GROVE WV

