

LATITUDE 39°32'30" 1,759' TO TOP HOLE

3,008' TO BOTTOM HOLE

LONGITUDE 80°45'00"

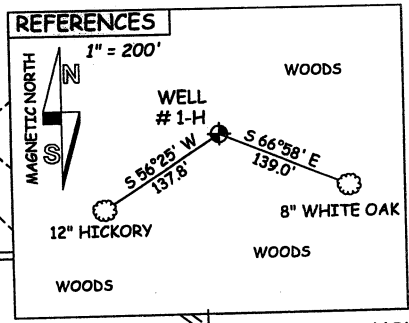
6,408' TO BOTTOM HOLE

13,005' TO TOP HOLE

# PetroEdge Energy LLC Well No. Ball Unit 1H Rev.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 1-H TOP HOLE INFORMATION:  
N: 4,372,964m E: 520,972m  
BOTTOM HOLE INFORMATION:  
N: 4,374,973m E: 520,586m

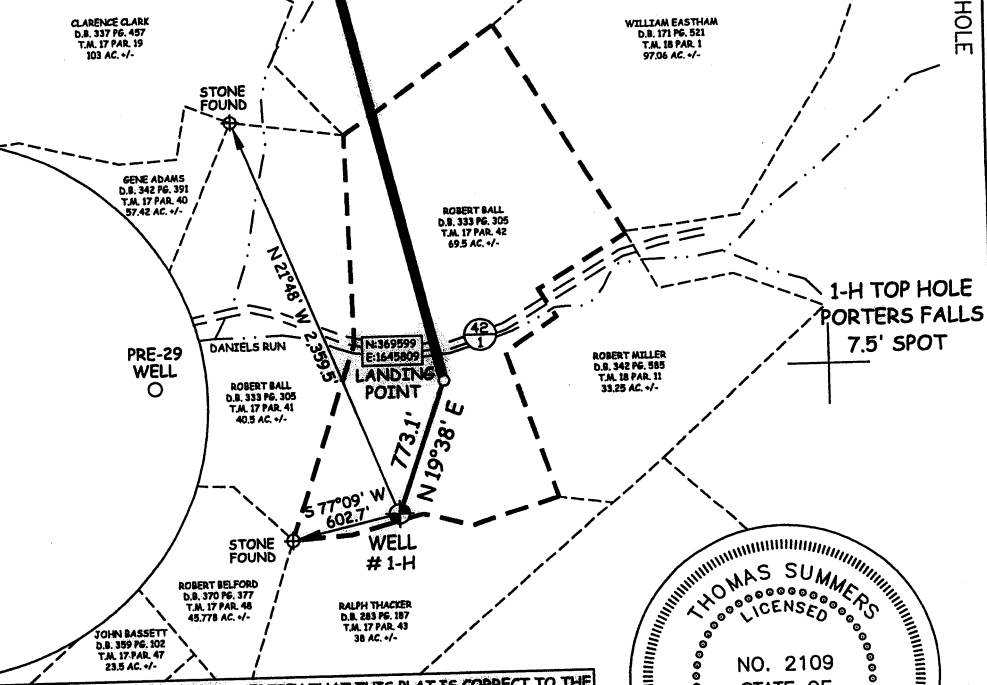
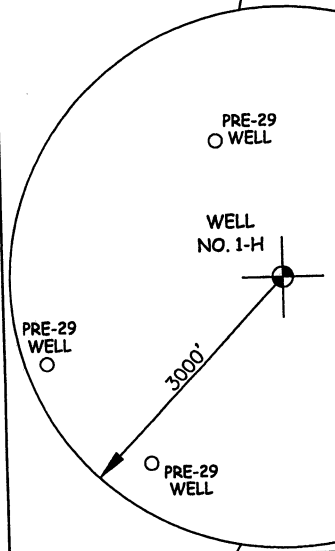
NOTES:  
WELL 1-H TOP HOLE INFORMATION:  
N: 368,871ft E: 1,645,549ft  
LAT: 39°30'21.5" LON: 80°45'22.4"  
LAT: 39.50596 LON: 80.75623  
BOTTOM HOLE INFORMATION:  
N: 375,485ft E: 1,644,392ft  
LAT: 39°31'26.7" LON: 80°45'38.4"  
LAT: 39.52408 LON: 80.76066  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.



WV NORTH ZONE  
GRID NORTH

### LEGEND

- Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- ⊕ Found monument, as noted



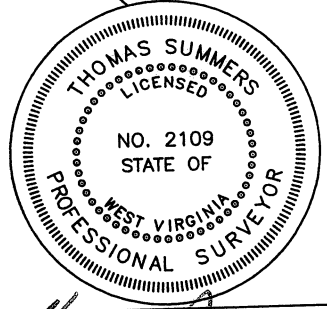
JOB # 11-019  
DRAWING # PEBALLWP1H  
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
P.O. BOX 17  
PENNSBORO, WV 26415



THOMAS SUMMERS P.S. 2109  
DATE 8/18/11

OPERATOR'S WELL # Ball Unit 1H Revised  
API WELL # 47 - 095 - 02032H Rev.  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1195' WATERSHED ELK FORK  
DISTRICT ELLSWORTH COUNTY TYLER

SURFACE OWNER ROBERT D. BALL & SHERRY A. BALL ACREAGE 69.5 ACRES +/-  
OIL & GAS ROYALTY OWNER MARY MAXINE WELCH LEASE ACREAGE 129.5 AC +/-  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X  
OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_ ESTIMATED DEPTH 7125' TVD 11,700' MD  
TARGET FORMATION MARCELLUS  
WELL OPERATOR PETROEDGE ENERGY LLC DESIGNATED AGENT DAN MULLINS  
ADDRESS 2925 BRIARPARK DR. SUITE 150 ADDRESS 4477 WILLIAMSTOWN PIKE  
HOUSTON, TX 77042 WILLIAMSTOWN, WV 26187