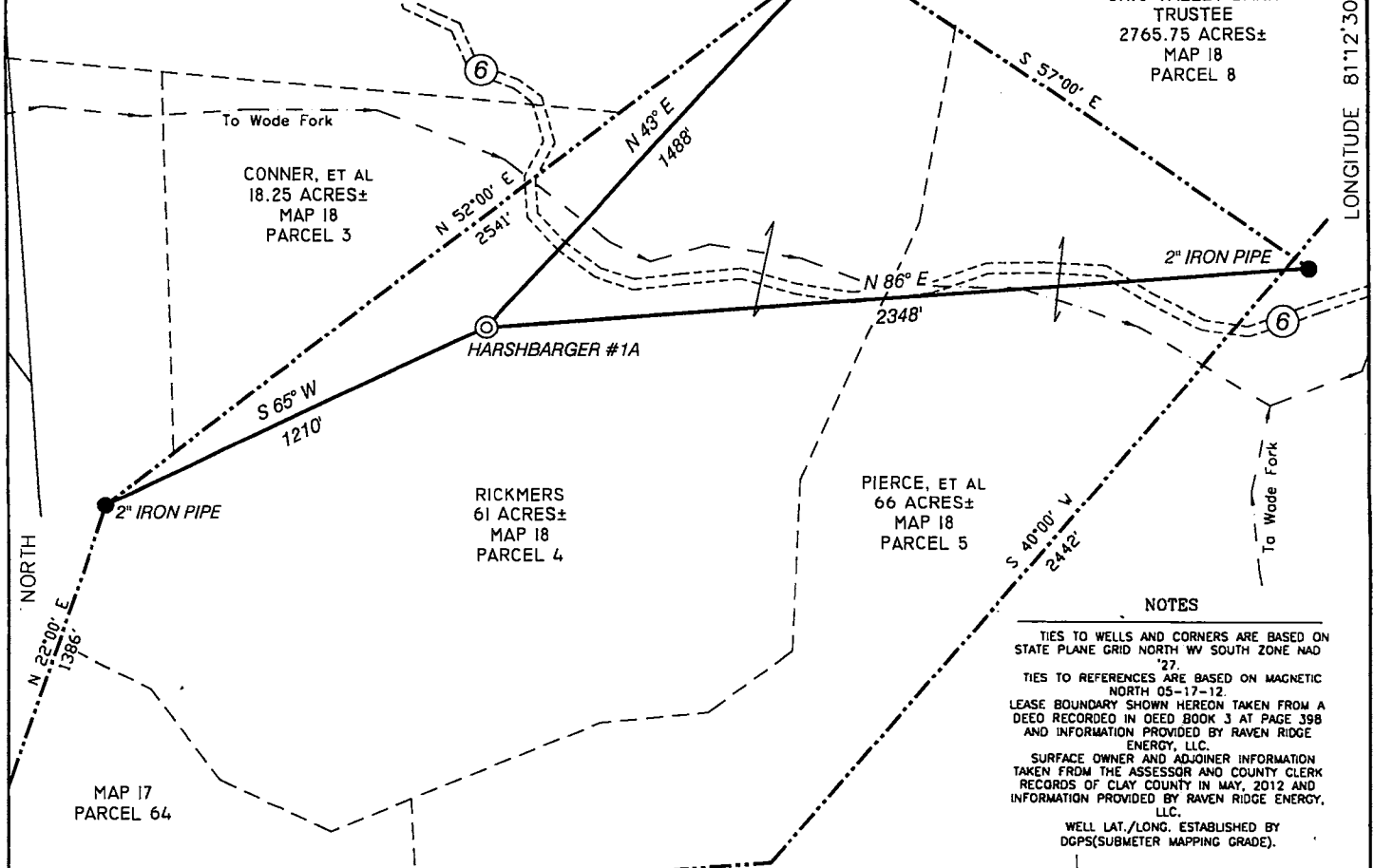


1502884

FORM WW 6

LONG. 81°13'11.9" 3,350' LATITUDE 38°27'30"

# HARSHBARGER #1A



**NOTES**

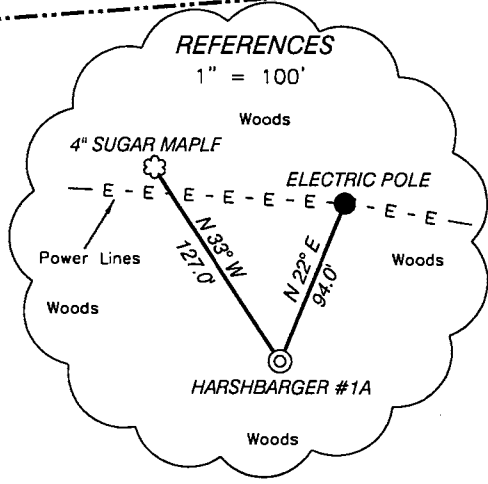
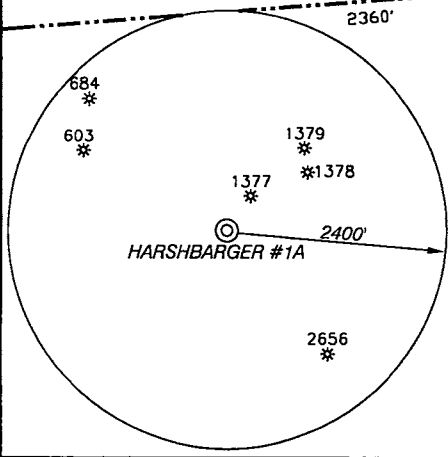
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.

TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 05-17-12.

LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 3 AT PAGE 398 AND INFORMATION PROVIDED BY RAVEN RIDGE ENERGY, LLC.

SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF CLAY COUNTY IN MAY, 2012 AND INFORMATION PROVIDED BY RAVEN RIDGE ENERGY, LLC.

WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



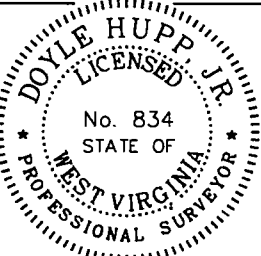
**HARSHBARGER #1A**  
**STATE PLANE**  
**COORDINATES**  
 (N) 518326  
 (E) 1936984

**HARSHBARGER #1A**  
**L & L DECIMAL**  
 38.42326  
 81.21996

**HARSHBARGER #1A**  
**UTM (NAD 83)**  
 4252813  
 480814

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 834 *Doyle Hupp Jr.*  
 HUPP Surveying & Mapping  
 P.O. Box 647 Grantsville, WV 26147  
 (304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE SEPTEMBER 6, 20 12

OPERATORS WELL NO. HARSHBARGER #1A


API WELL NO. 47-015-02884

STATE            COUNTY            PERMIT 02884

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W2137 (BK 60-9)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS



WELL TYPE : OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION : ELEVATION 1,146' WATERSHED TRIBUTARY OF WADE FORK

DISTRICT UNION COUNTY CLAY QUADRANGLE ELKHURST 7.5'

SURFACE OWNER THOMAS RICKMERS ACREAGE 61±

ROYALTY OWNER HELEN V. STANLEY, et al LEASE ACREAGE 133±

PROPOSED WORK : LEASE NO.           

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY)            TARGET FORMATION BEREA

           ESTIMATED DEPTH 3,000'

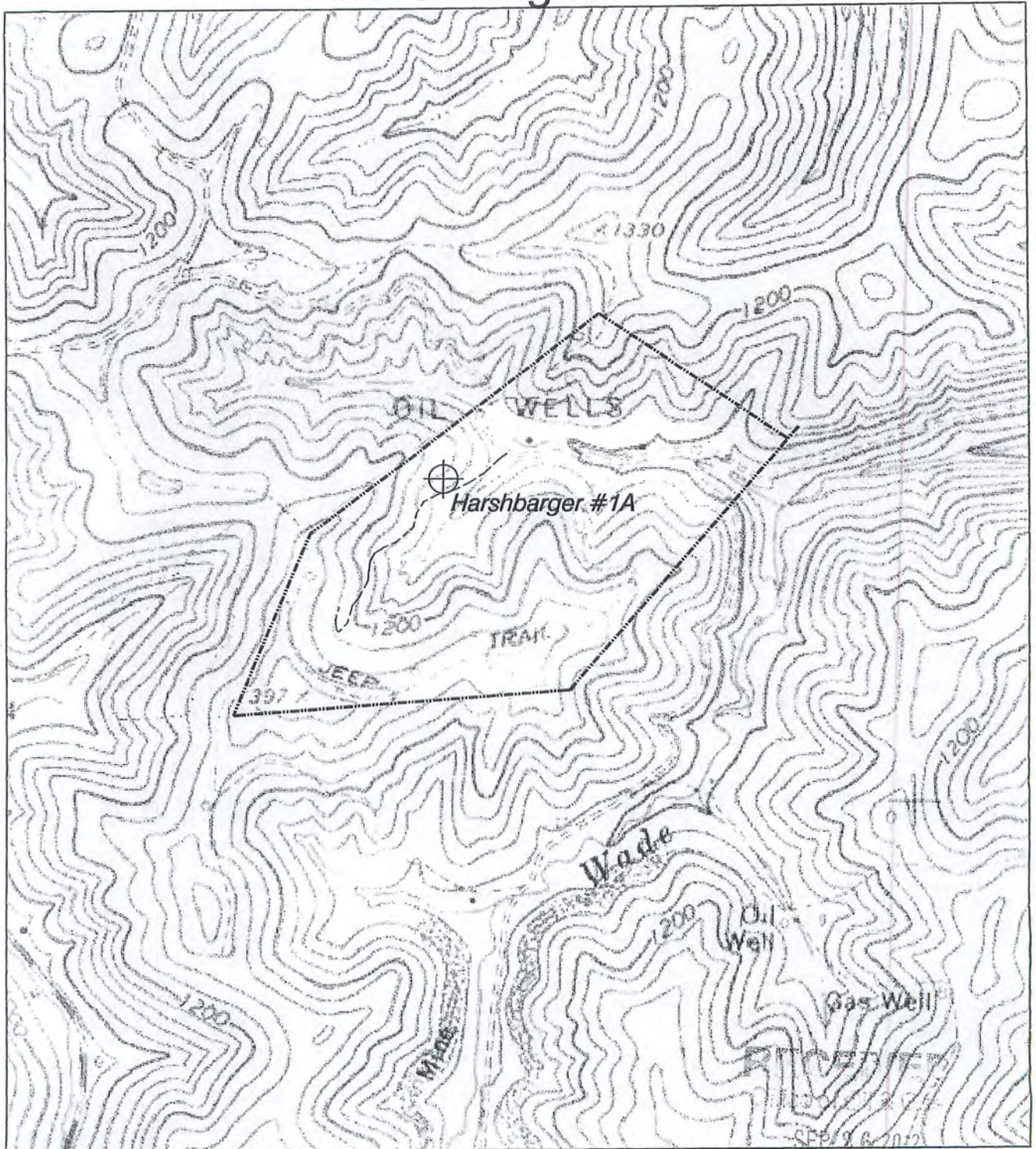
WELL OPERATOR RAVEN RIDGE ENERGY, LLC. DESIGNATED AGENT RYAN CUNNINGHAM

ADDRESS 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302 ADDRESS 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302

10/19/2012

LONGITUDE 81°12'30" 12,790' LAT. 38°25'23.7"

# Raven Ridge Energy, LLC. Harshbarger #1A



NORTH

### HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147  
PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'  
Elkhurst Quad

Raven Ridge Energy, LLC.  
3230 Pennsylvania Ave.  
Charleston, WV 25302

10/19/2012