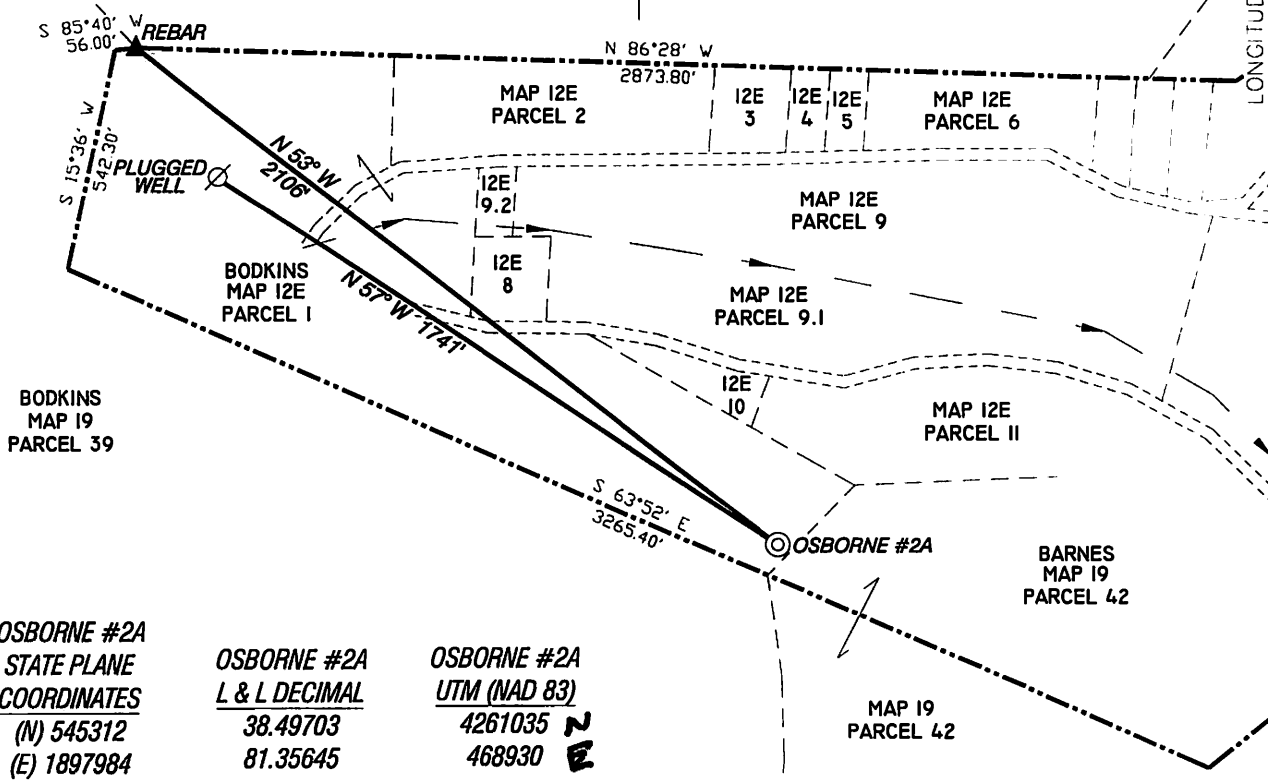


OSBORNE #2A

ROSS, INC., ET AL
66.69 ACRES±
MAP 12
PARCEL 68



OSBORNE #2A
 STATE PLANE
 COORDINATES
 (N) 545312
 (E) 1897984

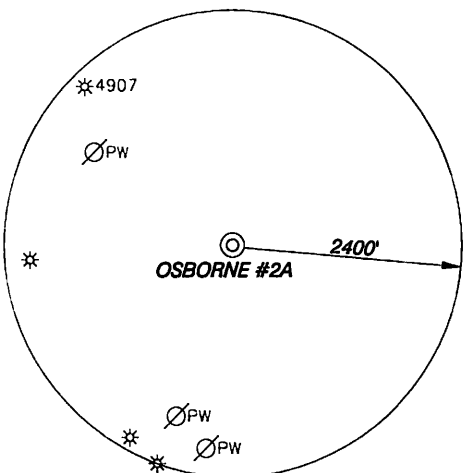
OSBORNE #2A
 L & L DECIMAL
 38.49703
 81.35645

OSBORNE #2A
 UTM (NAD 83)
 4261035 N
 468930 E

NORTH

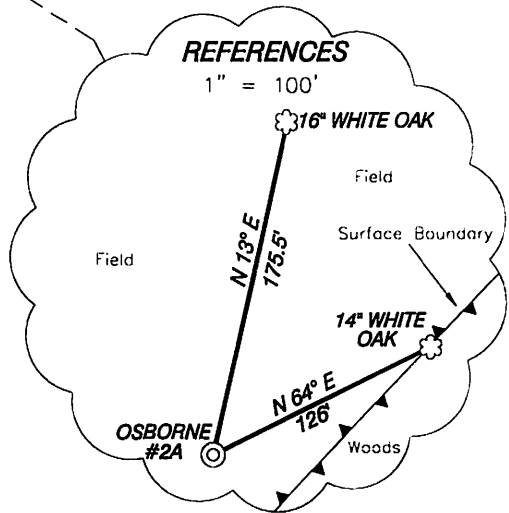
LONGITUDE 81°20'00"

LONGITUDE 38°29'49.3" - 1,050'



NOTES

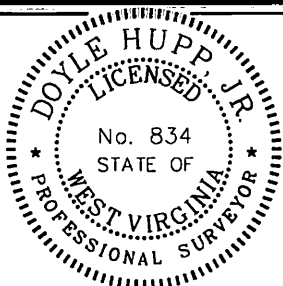
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
 TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 11-28-12.
 LEASE BOUNDARY SHOWN HEREON TAKEN FROM A LEGAL DESCRIPTION PROVIDED BY RAVEN RIDGE ENERGY, LLC.
 SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF KANAWHA COUNTY IN MAY, 2012 AND INFORMATION PROVIDED BY RAVEN RIDGE ENERGY, LLC.
 WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 NOVEMBER 28, 20 12
 OPERATORS WELL NO. OSBORNE #2A
 API WELL NO. 47-039-06348
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W2143 (BK 63-8)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

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



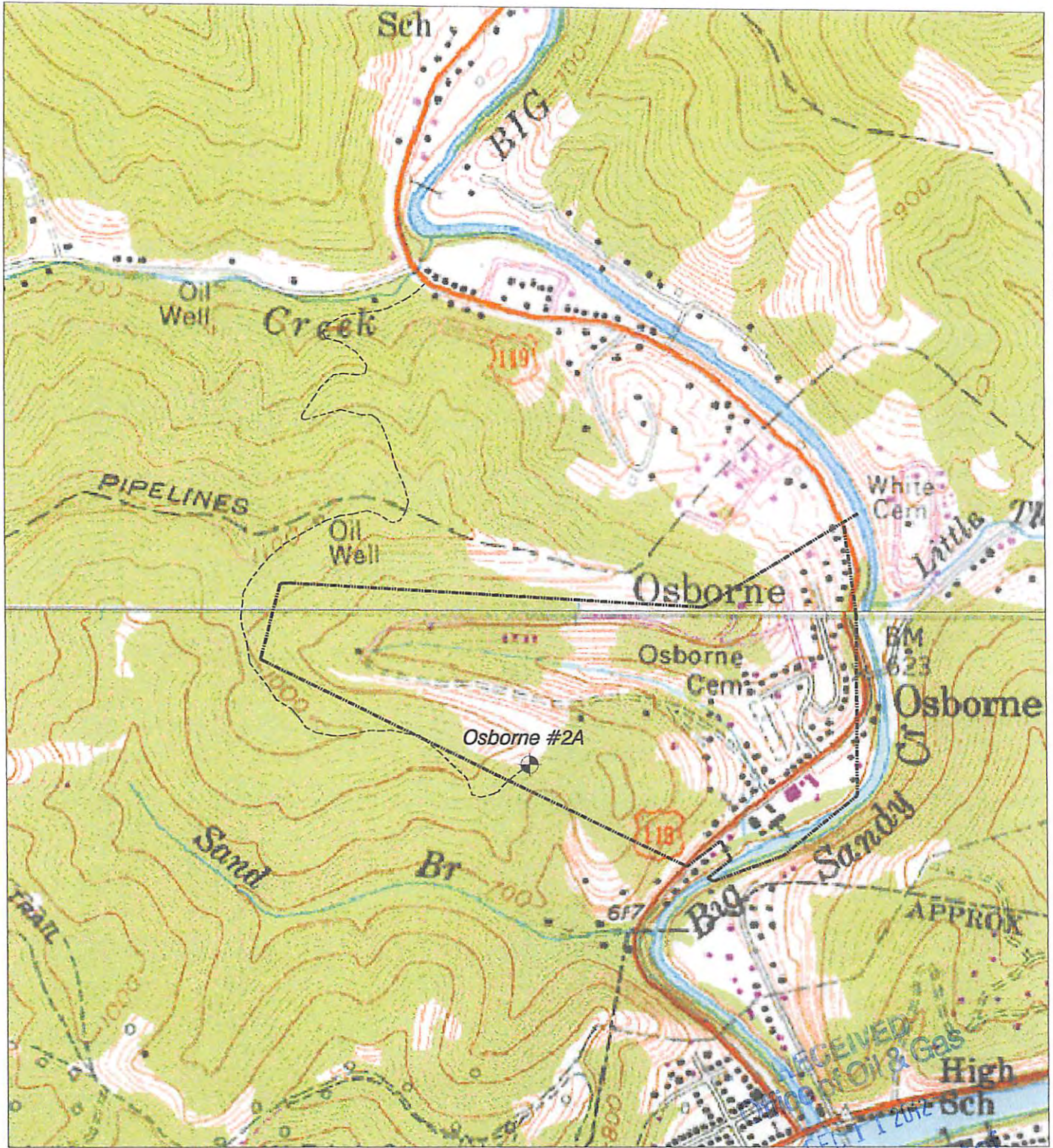
WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION :
 ELEVATION 846' WATERSHED SAND BRANCH OF BIG SANDY CREEK
 DISTRICT BIG SANDY COUNTY KANAWHA QUADRANGLE CLENDENIN 7.5'
 SURFACE OWNER DANIEL & LAURA BODKINS ACREAGE 23.86±
 ROYALTY OWNER ALVIN ENGELKE-AGENT, et al LEASE ACREAGE 124.8±
 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

06/28/2013

COUNTY NAME PERMIT

RAVEN RIDGE ENERGY, LLC. OSBORNE #2A



NORTH

HUPP Surveying & Mapping

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

1" = 1000'
Clendenin Quad

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

RECEIVED
Environmental Protection
Dept 1 2012
WV Department of
Environmental Protection