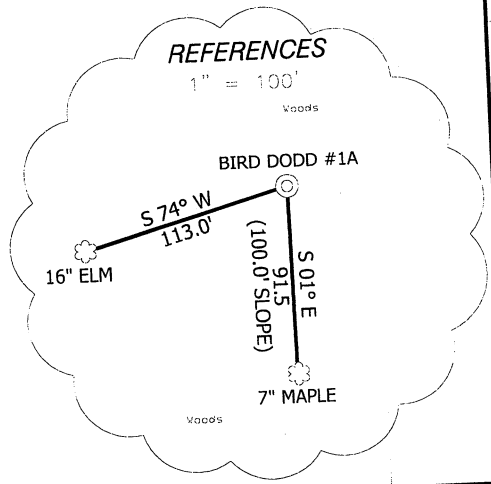
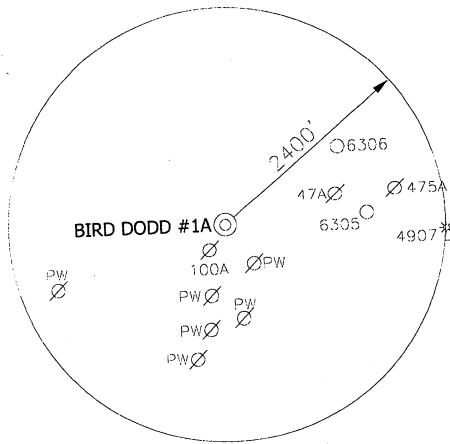


BIRD DODD #1A



BIRD DODD #1A
 STATE PLANE
 COORDINATES
 (SOUTH ZONE)
 (N) 547057
 (E) 1894021

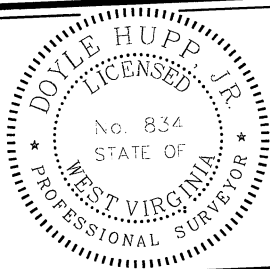
BIRD DODD #1A
 L & L DECIMAL
 38.50178
 81.37032

BIRD DODD #1A
 UTM (NAD 83)
 4261567
 467723

NOTES

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD 83.
 TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09-15-11.
 CLASS BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 2699 AT PAGE 44 AND INFORMATION PROVIDED BY RAVEN RIDGE ENERGY, LLC.
 SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF KANAWHA COUNTY IN JULY, 2011 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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE SEPTEMBER 20, 2011
 OPERATORS WELL NO. BIRD DODD #1A
 API WELL NO. 47-039-06321
 STATE COUNTY PERMIT

P.S. 8.54

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

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W2053 (BK 50-63)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

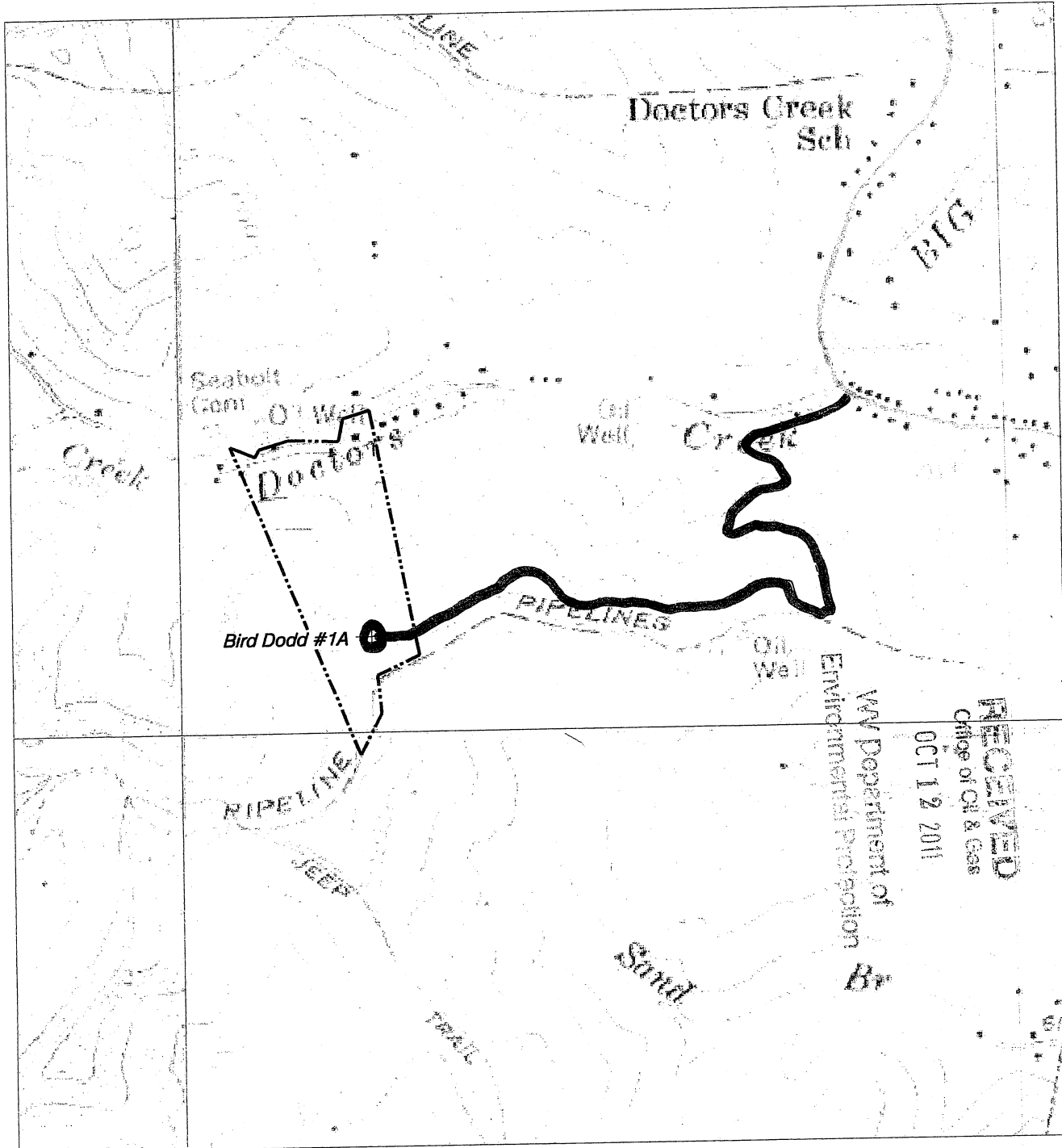
STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

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

LOCATION: ELEVATION 1,075' WATERSHED DOCTORS CREEK
 DISTRICT BIG SANDY COUNTY KANAWHA QUADRANGLE CLIO 7.5'
 SURFACE OWNER LESLIE D. ASHLEY ACREAGE 21.1±
 ROYALTY OWNER W.P. DODD, et al LEASE ACREAGE 31±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OUT 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'

OPERATOR RAVEN RIDGE ENERGY, LLC. DESIGNATED AGENT RYAN CUNNINGHAM
 ADDRESS 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302 ADDRESS 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302

RAVEN RIDGE ENERGY, LLC. BIRD DODD #1A



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PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'
Clio Quad

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