

ALT2BHS TOP HOLE COOR.: LATITUDE 38-50-00

NAD 27 WW SOUTH SPC = SCALED COOR.: 9380' WEST 9970' SOUTH

NAD 27 LAT/LONG: N. 38.806037 W. 80.199669

ALT2BHS LANDING POINT: D. J. WOODY, ET. AL. 2534.80 AC. (SUR.)

NAD 27 WW SOUTH SPC = UTM NAD 83 ZONE 17 COOR. IN METERS

NAD 27 LAT/LONG: N. 38.803665 W. 80.202600

ALT2BHS BOTTOM HOLE: J. R. WOODY, ET. AL. 180.40 AC. (SUR.)

NAD 27 WW SOUTH SPC = ALT2BHS = 4,295,568.49 m - 569,508.50 m

NAD 27 LAT/LONG: N. 38.788272 W. 80.195932

DEED NORTH

3535 1476' O

2645 1140' ALT2BHS

2400'

BUCKHANNON RIVER

STATE OF WV HAYES DETAMORE SANDY ZICKAFOOSE

STATE OF WV L18 L19 L20 L21 L22 L23 L24 L25

ALT2BHS LP

BUCKHANNON RIVER L14 L13 L12 L11 L10 L9 L8 L7 L6 L5 L4

PENN VIRGINIA OPERATING CO. NATIONAL GRID LEASE 124 AC.

ALT2BHS LP BH 2071.37' S 88°41'00" W S 14°54'00" W S 40-25W, 497.64'

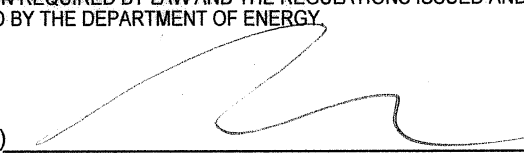
PENN VIRGINIA OPERATING CO. WELL LEG TABLE

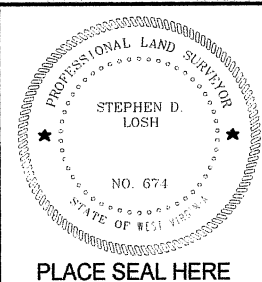
WELL REFERENCES: S04-00W, 157.00' TO 10" LOCUST S36-00E, 159.50' TO 14" W. PINE

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

FILE NUMBER: DRAWING NUMBER: CGCALT2BHSR1.PCS SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: SUBMETER PROVEN SOURCE OF ELEVATION: DGPS SURVEY SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 ENERGY.

(SIGNED)  STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS #10 McJUNKIN ROAD NITRO, WV 25143-2506

LAND SURVEYING SERVICES 21 CEDAR LANE, BRIDGEPORT, WV 26330 PHONE: 304-842-2018 OR 842-5762

DATE: JULY 19, 2011

FORM WW-6 WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  CBM  (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 2132.00' (649.84 m) WATERSHED BUCKHANNON RIVER DISTRICT WASHINGTON COUNTY UPSHUR

QUADRANGLE ALTON LEASE NUMBER 63848

SURFACE OWNER DON J. WOODY, ET. AL. ACREAGE 2534.80 (6Q - 10)

OIL & GAS ROYALTY OWNER W. H. O'DELL, ET. AL. LEASE ACREAGE 5124.00

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE (SPECIFY) HORIZONTAL

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD = 7425' TMD = 14580'

WELL OPERATOR CONSOL GAS COMPANY DESIGNATED AGENT RICHARD K. ELSWICK ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378