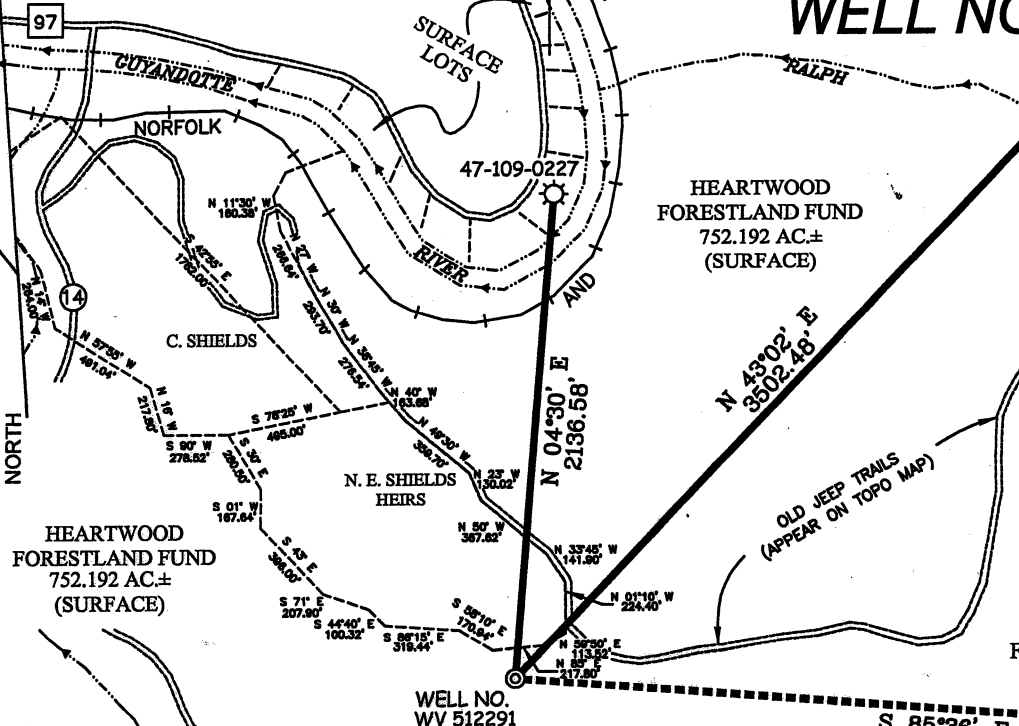


EXISTING WELL 47-109-2232
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 211,795
E. 1,809,321

LAT=(N) 37.57979
LONG=(W) 81.65797

W.M. RITTER LUMBER COMPANY LEASE 65,000 ACRES± WELL NO. WV 512291



WELL NO. WV 512291
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 211,819
E. 1,809,333

LAT=(N) 37.57986
LONG=(W) 81.65793

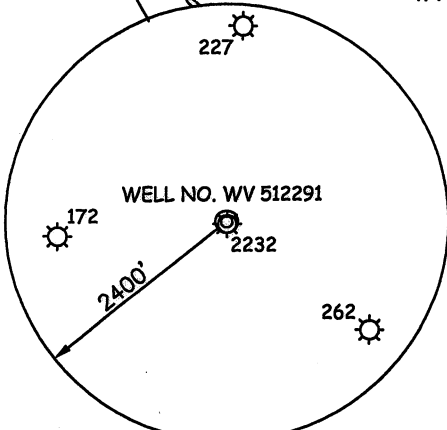
WELL NO. WV 512291
BOTTOM HOLE
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 211,535
E. 1,813,022

LAT=(N) 37.57915
LONG=(W) 81.64519

HEARTWOOD
FORESTLAND FUND
581.88 AC±
(SURFACE)

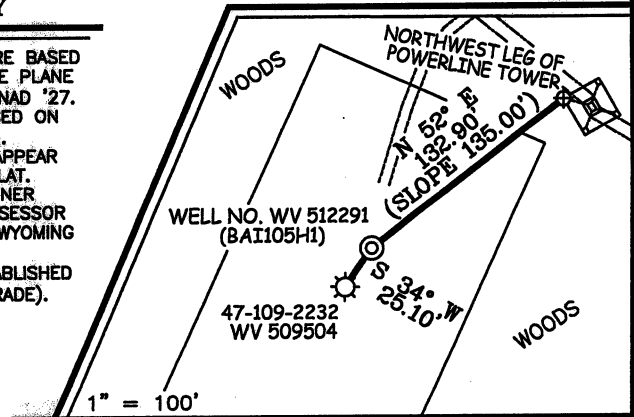
WELL NO.
WV 512291
BOTTOM HOLE



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 06/18/09.
3. LEASE BOUNDARY DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WYOMING COUNTY IN APRIL, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

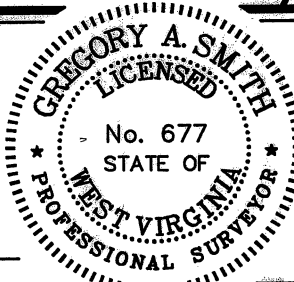
REFERENCES



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.
677

Gregory A. Smith



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

DATE JULY 24, 20 09

OPERATORS WELL NO. WV 512291

API WELL NO. 47-109-03094H
STATE CANCELLED COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3999P512291 (283-06)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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 1,688' WATERSHED INDIAN CREEK
DISTRICT BAILEYSVILLE COUNTY WYOMING QUADRANGLE BAILEYSVILLE 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 752.192±
ROYALTY OWNER PLUM CREEK TIMBERLANDS, L.P. LEASE ACREAGE 65,000±

PROPOSED WORK: LEASE NO. 004157
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 RAVENCLIFFE
ESTIMATED DEPTH 2,190' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

COUNTY NAME

PERMIT