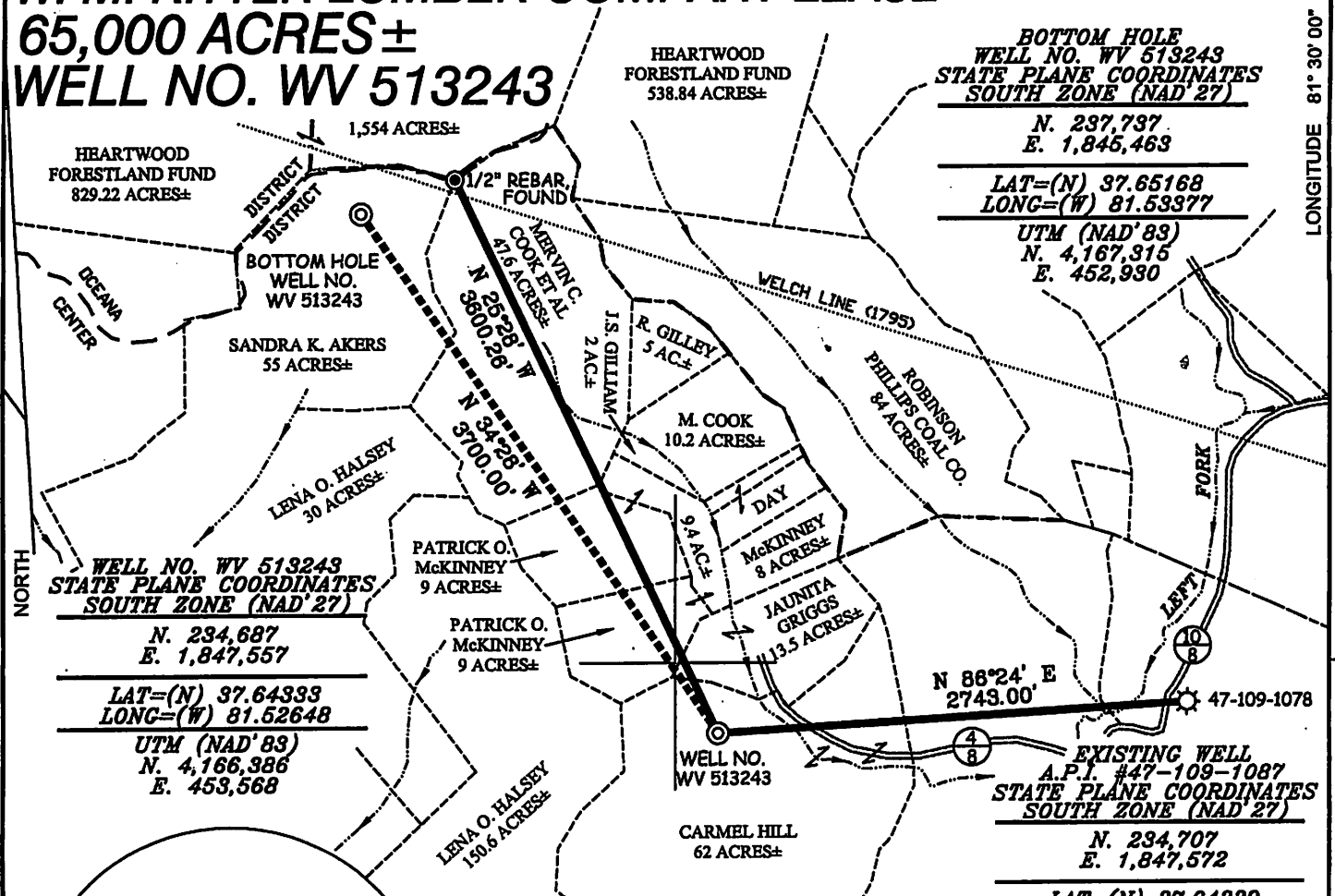


# W. M. RITTER LUMBER COMPANY LEASE 65,000 ACRES± WELL NO. WV 513243

LONGITUDE 81° 30' 00"



**BOTTOM HOLE WELL NO. WV 513243 STATE PLANE COORDINATES SOUTH ZONE (NAD'27)**

N. 237,737  
E. 1,845,463

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LAT=(N) 37.65168  
LONG=(W) 81.53377

UTM (NAD'83)  
N. 4,167,315  
E. 452,930

**WELL NO. WV 513243 STATE PLANE COORDINATES SOUTH ZONE (NAD'27)**

N. 234,687  
E. 1,847,557

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LAT=(N) 37.64393  
LONG=(W) 81.52648

UTM (NAD'83)  
N. 4,166,386  
E. 453,568

**EXISTING WELL A.P.I. #47-109-1087 STATE PLANE COORDINATES SOUTH ZONE (NAD'27)**

N. 234,707  
E. 1,847,572

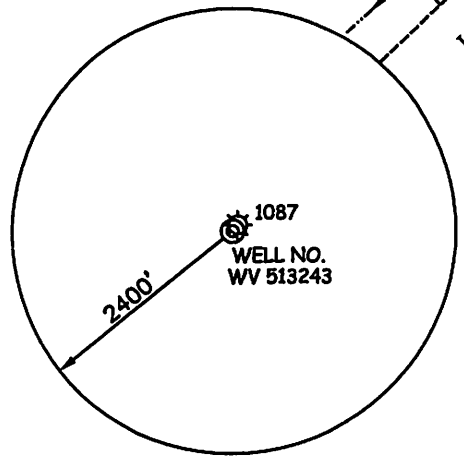
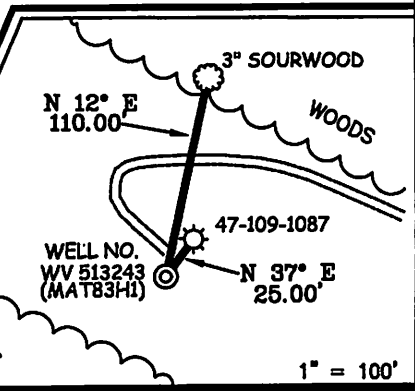
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LAT=(N) 37.64393  
LONG=(W) 81.52643

### NOTES ON SURVEY

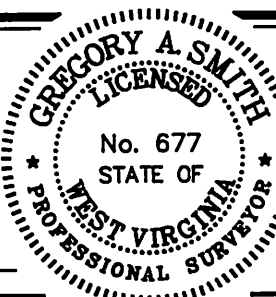
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 07/21/10.
3. LEASE BOUNDARY SHOWN HERE ON TAKEN FROM DEED DESCRIPTION FOR RITTER TRACTS NO. 9063-M, 9041-M, 90420M & 9059-M.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WYOMING COUNTY IN JULY, 2010.
5. WELL LAT./LONG. 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 27, 20 10  
OPERATORS WELL NO. WV 513243  
API WELL NO. 47-109-03112H  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3999P513243 (299-78 & 311-29)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

**CANCELLED**  
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 1,869' WATERSHED TRIBUTARY OF LEFT FORK OF ROCKCASTLE CREEK  
DISTRICT CENTER COUNTY WYOMING QUADRANGLE MATHENY 7.5'

SURFACE OWNER CARMEL HILL ACREAGE 62±  
ROYALTY OWNER PLUM CREEK TIMBERLANDS, LP. 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 GORDON  
ESTIMATED DEPTH 3,870' (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