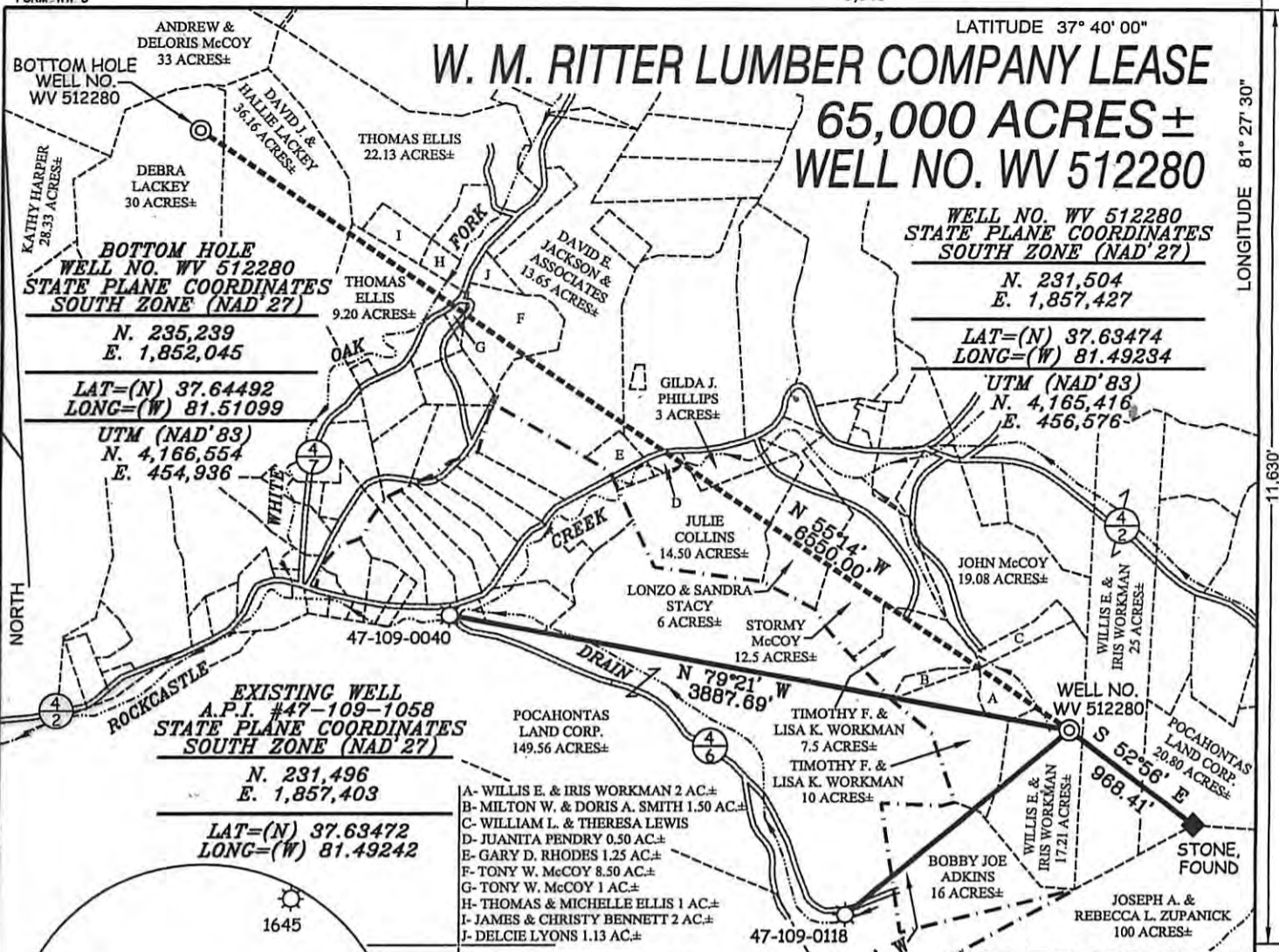


W. M. RITTER LUMBER COMPANY LEASE 65,000 ACRES± WELL NO. WV 512280

LONGITUDE 81° 27' 30"



WELL NO. WV 512280
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 231,504
E. 1,857,427

LAT=(N) 37.63474
LONG=(W) 81.49234

UTM (NAD'83)
N. 4,165,416
E. 456,576

BOTTOM HOLE
WELL NO. WV 512280
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 235,239
E. 1,852,045

LAT=(N) 37.64492
LONG=(W) 81.51099

UTM (NAD'83)
N. 4,166,554
E. 454,936

EXISTING WELL
A.P.I. #47-109-1058
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 231,496
E. 1,857,403

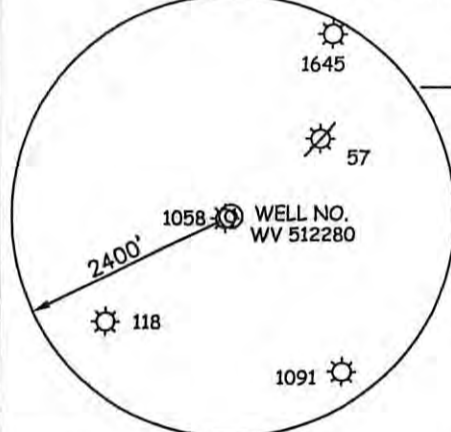
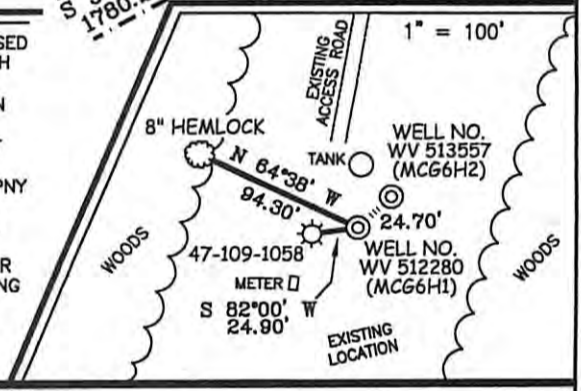
LAT=(N) 37.63472
LONG=(W) 81.49242

- A- WILLIS E. & IRIS WORKMAN 2 AC±
- B- MILTON W. & DORIS A. SMITH 1.50 AC±
- C- WILLIAM L. & THERESA LEWIS
- D- JUANITA PENDRY 0.50 AC±
- E- GARY D. RHODES 1.25 AC±
- F- TONY W. McCOY 8.50 AC±
- G- TONY W. McCOY 1 AC±
- H- THOMAS & MICHELLE ELLIS 1 AC±
- I- JAMES & CHRISTY BENNETT 2 AC±
- J- DELCIE LYONS 1.13 AC±

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 08/24/10.
3. LEASE BOUNDARY & ADVERSE TRACT SHOWN HEREON TAKEN FROM DEED DESCRIPTIONS FOR RITTER LUMBER COMPANY MAPS & RITTER TRACTS NO. 9053-M, 9247-M, 9049M, 9045-M & 9248-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 SEPTEMBER 14, 20 10
 OPERATORS WELL NO. WV 512280
 API WELL NO. 47-109-03134
 STATE WV COUNTY WY PERMIT 004157

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3999P512280R (311-49)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

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 1,934' WATERSHED TRIBUTARY OF ROCKCASTLE CREEK
 DISTRICT CENTER COUNTY WYOMING QUADRANGLE McGRAW'S 7.5'
 SURFACE OWNER WILLIS E. & IRIS WORKMAN ACREAGE 17.21±
 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 RAVENCLIFF
 ESTIMATED DEPTH 1,710' (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