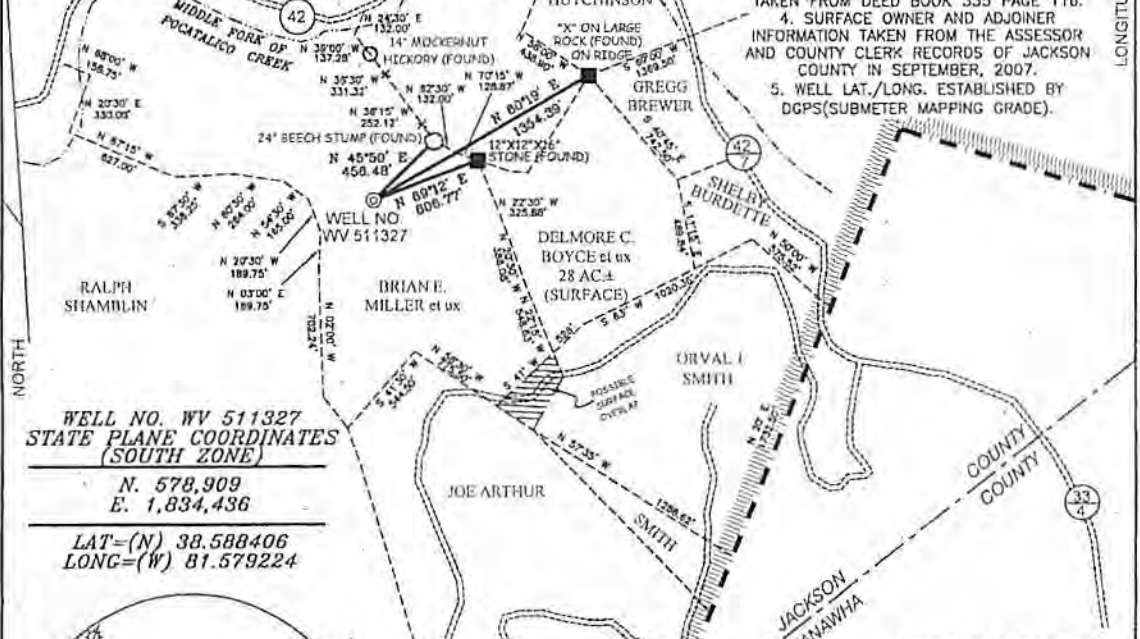
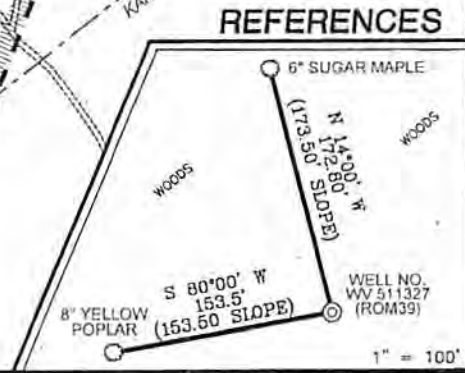
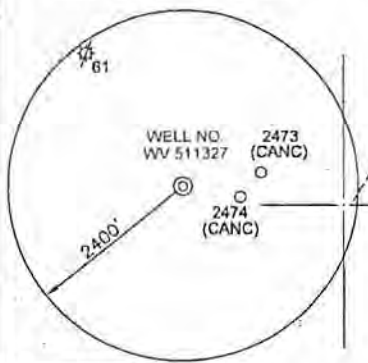


# PERKINS LEASE 30,000 ACRES ± WELL NO. WV 511327

1. TIES TO CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09/25/07.
3. TRACT BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 335 PAGE 116.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF JACKSON COUNTY IN SEPTEMBER, 2007.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).



**WELL NO. WV 511327  
STATE PLANE COORDINATES  
(SOUTH ZONE)**  
N. 578,909  
E. 1,834,436  
LAT=(N) 38.588406  
LONG=(W) 81.579224



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 OCTOBER 15, 20 07  
OPERATORS WELL NO. WV 511327  
API WELL NO. 47-035-02855A  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5478P511327 (247-21)  
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 803' WATERSHED MIDDLE FORK OF POCATALICO CREEK  
DISTRICT WASHINGTON COUNTY JACKSON QUADRANGLE ROMANCE 7.5

SURFACE OWNER BRIAN E. & KIMBERLY R. MILLER ACREAGE 60±  
ROYALTY OWNER PERKINS HEIRS LEASE ACREAGE 30,000±  
PROPOSED WORK: LEASE NO. 002428

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 DEVONIAN SHALE  
ESTIMATED DEPTH 5,500'

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT L. TODD TETRICK  
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE  
CHARLESTON, WV 25302 CHARLESTON, WV 25302

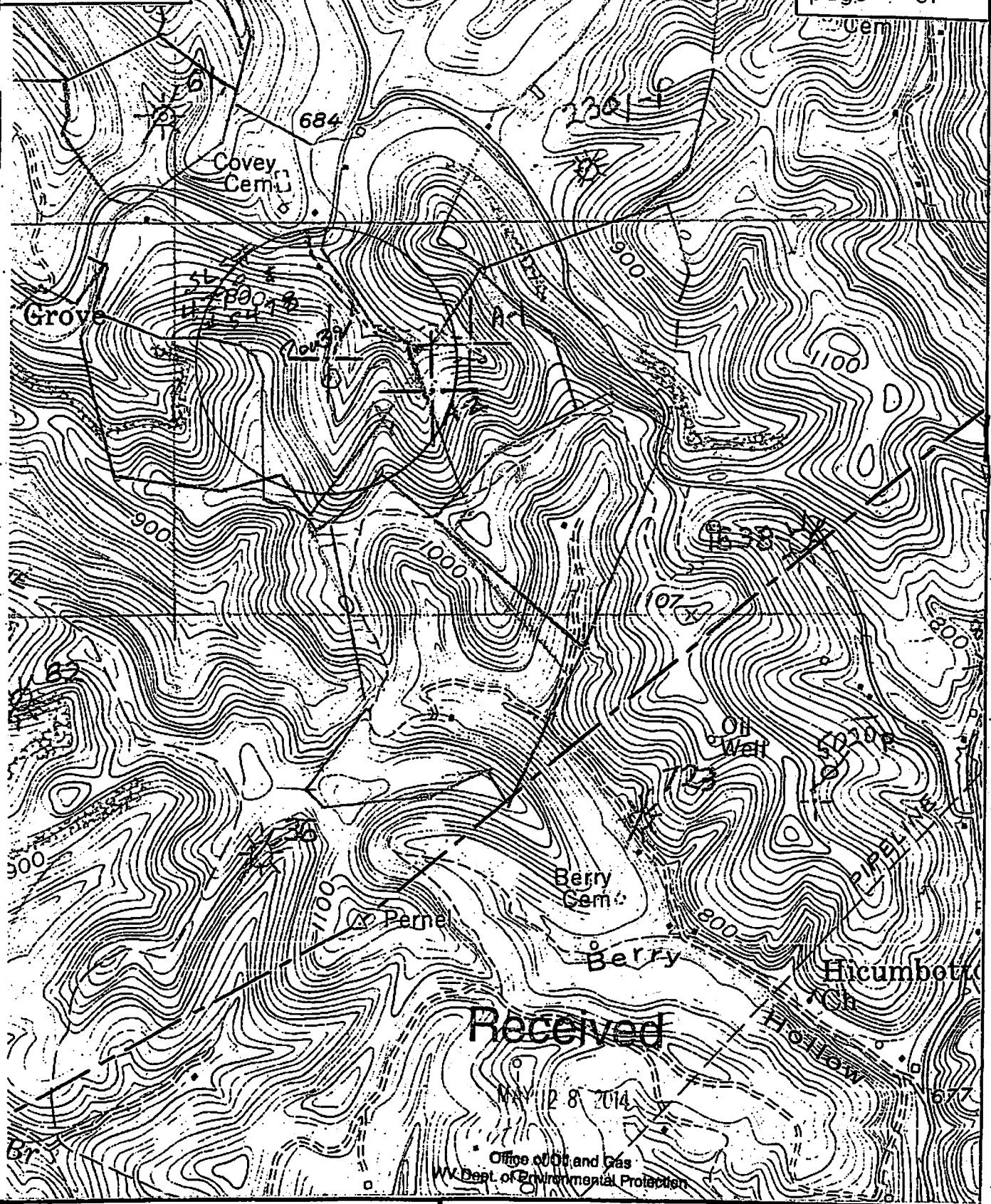
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MAY 2 2010

Office of Environmental Protection  
WV Dept. of Environmental Protection

WATER SAMPLES

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MAY 28 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection



SMITH LAND SURVEYING  
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF Romance 7.5'

FILE NO. 5478 DATE 10-15-07 SCALE 1" = 1000'