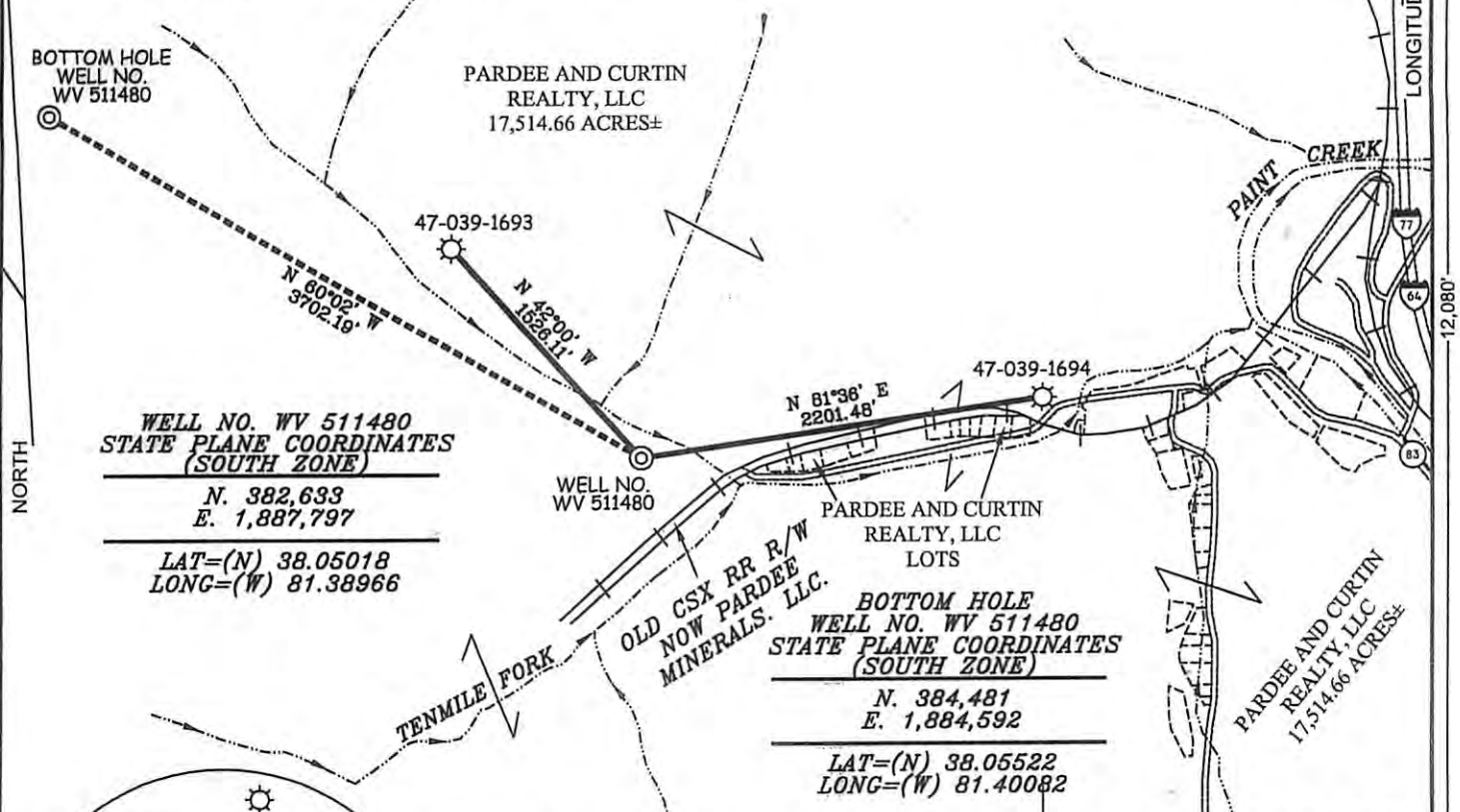


EASTERN GAS & FUEL ASSOCIATES LEASE

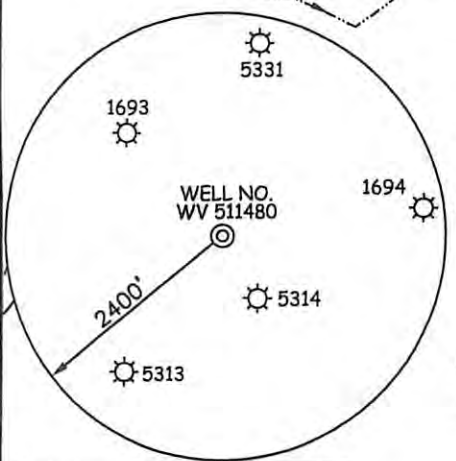
22,521 ACRES±

WELL NO. WV 511480



WELL NO. WV 511480
STATE PLANE COORDINATES
(SOUTH ZONE)
 N. 382,633
 E. 1,887,797
 LAT=(N) 38.05018
 LONG=(W) 81.38966

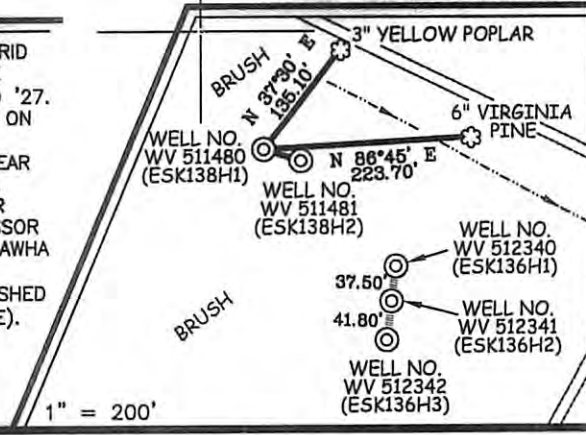
WELL NO. WV 511480
STATE PLANE COORDINATES
(SOUTH ZONE)
 N. 384,481
 E. 1,884,592
 LAT=(N) 38.05522
 LONG=(W) 81.40082



NOTES ON SURVEY

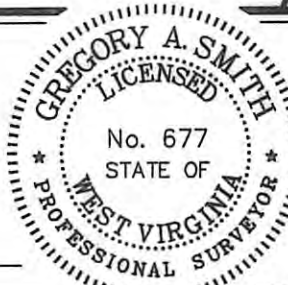
1. TIES TO WELLS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04/22/09.
3. LEASE BOUNDARY DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF KANAWHA COUNTY IN APRIL, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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 JUNE 17, 20 09
 OPERATORS WELL NO. WV 511480
 API WELL NO. 47-039-06274H
 STATE COUNTY PERMIT
CANCELLED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3788P511480 (276-43)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1"=1,000'

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 956' WATERSHED TENMILE FORK OF PAINT CREEK
 DISTRICT CABIN CREEK COUNTY KANAWHA QUADRANGLE ESKDALE 7.5'

SURFACE OWNER PARDEE AND CURTIN REALTY, LLC ACREAGE 17,514.66±
 ROYALTY OWNER PARDEE MINERALS, LLC LEASE ACREAGE 22,521±
 PROPOSED WORK: LEASE NO. 011909
 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 MARCELLUS
 ESTIMATED DEPTH 5,780' (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