

# CARNEGIE NATURAL GAS CO. LEASE (POCA-CARNEGIE) 38,753.36 ACRES± WELL NO. WV 512829

LATITUDE 37°37'30"

WELL NO. WV 512829  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 219,427  
E. 1,691,330

LAT=(N) 37.59774  
LONG=(W) 82.06539

MUDLIK FORK

EXISTING WELL  
A.P.I. #47-059-1454  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 219,344  
E. 1,691,286

LAT=(N) 37.59751  
LONG=(W) 82.06554

LAT=NAD83

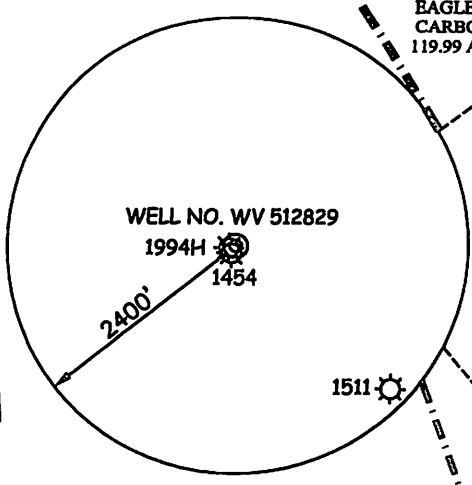
E. 4161730.00

E. 405965.00

POCAHONTAS LAND CORPORATION  
799.52 ACRES±

RODMAN E. THOMPSON, JR.  
400.59 ACRES±

## REFERENCES



**BOTTOM HOLE**  
WELL NO. WV 512829  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 215,954  
E. 1,691,767

LAT=(N) 37.58822  
LONG=(W) 82.06374

### NOTES ON SURVEY

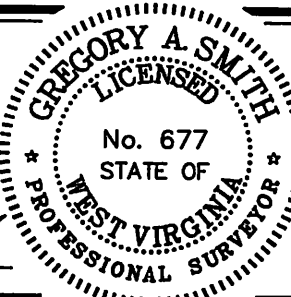
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/07/09.
3. LEASE AND TRACT BOUNDARIES SHOWN HEREON TAKEN FROM POCAHONTAS LAND CORPORATION PROPERTY MAPS (SHEETS 10 & 11).
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 NOVEMBER 17, 20 09

OPERATORS WELL NO. WV 512829

API WELL NO. 47-059-1994H  
STATE PERMIT NO. 02156H

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P512829 (289-07)  
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 1,359' WATERSHED GRAPEVINE FORK OF BEECH CREEK  
DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 45± &/OR 1.7±  
ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 38,753.36±  
PROPOSED WORK: LEASE NO. 717459  
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 LOWER HURON  
ESTIMATED DEPTH 4,870' (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

11/16/2012