

# CARNEGIE NATURAL GAS COMPANY LEASE (POCA-CARNEGIE) 38,753.36 ACRES± WELL NO. WV 512832

LATITUDE 37° 35' 00"

LONGITUDE 82° 02' 30"

**BOTTOM HOLE**  
WELL NO. WV 512832  
STATE PLANE COORDINATES  
SOUTH ZONE (NAD 27)

N: 213,808  
E: 1,695,393

LAT: (N) 37.58244  
LONG: (W) 82.05115

UTM (NAD 83)  
N: 4,160,018  
E: 407,203

GRAPEVINE FORK

I- NOT LISTED  
J- TOMMY DANIELS (49.26 AC.±)  
K- SHIRLEY A. PRATER (19.90 AC.±)  
L- ERNEST PACK SR. (50 AC.±)  
M- POCAHONTAS LAND CORP. (799.52 AC.±)

WELL NO. WV 512832

POCAHONTAS  
LAND CORP.  
2,449.27 ACRES±

CARBON FUELS  
PROPERTIES LLC  
238.30 ACRES±

WELL NO. WV 512832  
STATE PLANE COORDINATES  
SOUTH ZONE (NAD 27)

N: 209,454  
E: 1,697,530

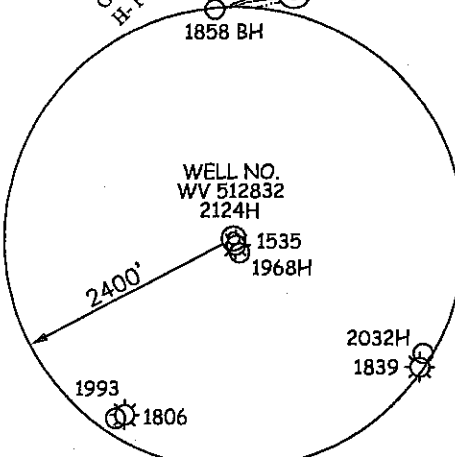
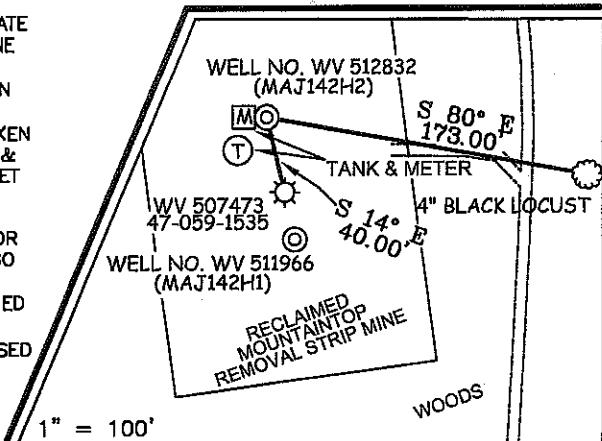
LAT: (N) 37.57055  
LONG: (W) 82.04361

UTM (NAD 83)  
N: 4,158,692  
E: 407,855

### NOTES ON SURVEY

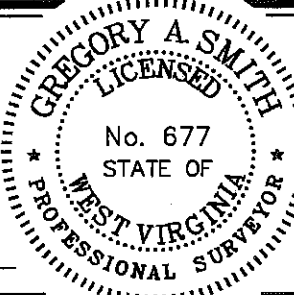
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08/07/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM B.C.&L. BOOK 28 ON PAGE 259 & POCAHONTAS LAND CORP. MAPPING SHEET 12.
4. SURFACE OWNER 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).
6. ORIGINAL PLAT DATED 09/03/09 REVISED 04/27/10 TO ROTATE & EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.

### 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 APRIL 10, 20 10

OPERATORS WELL NO. WV 512832

API WELL NO. 47-059-1535  
STATE COUNTY PERMIT 20124H

## CANCELLED

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P512832R (283-51)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,453' WATERSHED BEECH CREEK

DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 2,449.27±

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 5,070' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY

DESIGNATED AGENT REX C. RAY

ADDRESS 1710 PENNSYLVANIA AVENUE  
CHARLESTON, WV 25302

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CHARLESTON, WV 25302

02/10/2012

COUNTY NAME PERMIT