

CARNEGIE NATURAL GAS CO. LEASE (POCA-CARNEGIE) 38,753.36 ACRES± WELL NO. WV 512828

LONGITUDE 82°02'30"

10,242'

EAGLEHAWK CARBON INC.
119.99 ACRES±

SHERRY BLACKBURN
50 ACRES±

**BOTTOM HOLE
WELL NO. WV 512828
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)**

N. 215,489
E. 1,690,968

LAT=(N) 37.58691
LONG=(W) 82.06648

UTM (NAD'83)
N. 4,160,530
E. 405,855



**WELL NO. WV 512828
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)**

N. 219,142
E. 1,689,602

LAT=(N) 37.59690
LONG=(W) 82.07134

UTM (NAD'83)
N. 4,161,643
E. 405,438

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 05/07/10.
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 AUGUST 03, 20 10

OPERATORS WELL NO. WV 512828

API WELL NO. 47-059-0270H
STATE CANDELLA COUNTY MAJESTIC PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P512828 (299-47)

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 1,754' WATERSHED GRAPEVINE FORK OF BEECH CREEK

DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 25±

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 5,260' (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