

GAS RIGHT DEED 28 LEASE 14,650 ACRES ± WELL NO. WV 513085

**BOTTOM HOLE
WELL NO.
WV 513085**

**BOTTOM HOLE
WELL NO. WV 513085
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 618,405
E. 2,249,396

LAT=(N) 38.69505
LONG=(W) 80.12620

UTM, NAD83

N. 4,283,311
E. 576,006

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 5/17/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 241 PAGE 408.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RANDOLPH COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

THERE APPEAR TO BE NO KNOWN PERMITTED WELLS WITHIN 2,400'.

WELL NO.
WV 513085

2,400'

LEASE # 190028

COASTAL FOREST
RESOURCES
12,070.039 ACRES ±

PENN VIRGINIA
OPERATING CO. LLC
9743.586 ACRES ±

WELL NO.
WV 513085

**WELL NO. WV 513085
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 608,950
E. 2,252,652

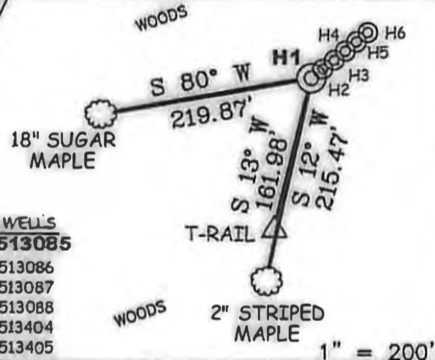
LAT=(N) 38.66901
LONG=(W) 80.11511

UTM, NAD83

N. 4,280,430
E. 576,998

REFERENCES

- ADO 98 WELLS
H1-WV 513085
 H2-WV 513086
 H3-WV 513087
 H4-WV 513088
 H5-WV 513404
 H6-WV 513405



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 23, 20 10

OPERATORS WELL NO. WV 513085

API WELL NO. 47-083-01235H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6985P513085R(296-45)

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

CANCELLED
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 3,395' WATERSHED CAMP 9 RUN OF BEECH RUN

DISTRICT MIDDLE FORK COUNTY RANDOLPH QUADRANGLE ADOLPH 7.5'

SURFACE OWNER COASTAL FOREST RESOURCES ACREAGE 12,070.04 ±

ROYALTY OWNER EQT PRODUCTION COMPANY LEASE ACREAGE 14,650 ±

PROPOSED WORK: LEASE NO. 190028

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 _____ ESTIMATED DEPTH _____

WELL OPERATOR EQT PRODUCTION COMPANY
ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

COUNTY NAME
PERMIT