

GAS RIGHT DEED 28 LEASE 14,650 ACRES± WELL NO. WV 513087

**BOTTOM HOLE
WELL NO. WV 513087**

**BOTTOM HOLE
WELL NO. WV 513087
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 617,531
E. 2,248,640

LAT=(N) 38.69267
LONG=(W) 80.12888

UTM, NAD83

N. 4,283,045
E. 575,775

LEASE# 190028

COASTAL FOREST
RESOURCES
12,070.039 ACRES±

PENN VIRGINIA
OPERATING CO. LLC
9743.586 ACRES±

STONE
FOUND

**LANDING POINT
WELL NO. WV 513087
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 609,194
E. 2,251,510

LAT=(N) 38.66971
LONG=(W) 80.11910

UTM, NAD83

N. 4,280,505
E. 576,650

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
WELL WITHIN 2,400'.

WELL NO.
WV 513087

2,400'

**WELL NO. WV 513087
STATE PLANE COORDINATES
(SOUTH ZONE)**

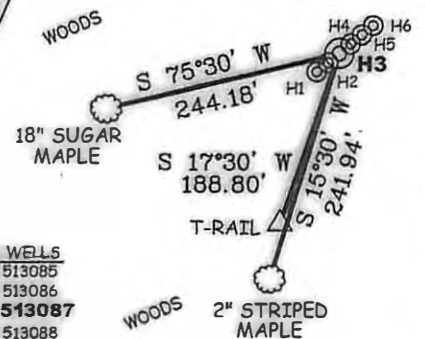
N. 608,972
E. 2,252,672

LAT=(N) 38.66907
LONG=(W) 80.11504

UTM, NAD83

N. 4,280,437
E. 577,004

REFERENCES



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

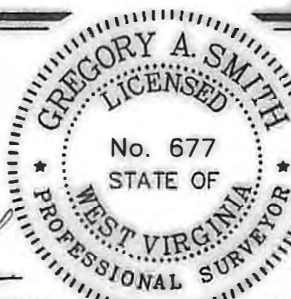
1" = 200'



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 513087

API WELL NO. 47-083-012374
STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6985P513087R (296-45)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

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

07/26/2013