

GAS RIGHT DEED 28 LEASE

14,650 ACRES±

WELL NO. WV 513194

WELL NO. WV 513194
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 649,682
E. 2,231,333
LAT=(N) 38.78138
LONG=(W) 80.18852

LANDING POINT
WELL NO. WV 513194
STATE PLANE COORDINATES
(SOUTH ZONE)

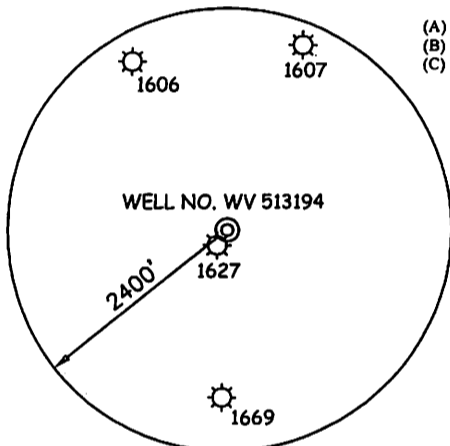
N. 649,883
E. 2,232,265
LAT=(N) 38.78191
LONG=(W) 80.18525

BOTTOM HOLE
WELL NO. WV 513194
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 644,768
E. 2,234,026
LAT=(N) 38.76782
LONG=(W) 80.17923

NORTH

LONGITUDE 80° 10' 00"



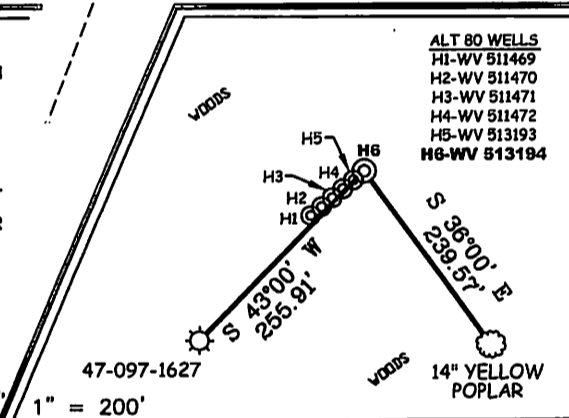
- (A) BEECH MOUNTAIN RAILROAD CO. 62.5 ACRES±
(B) JAN MARIE ASHCRAFT 0.50 ACRES±
(C) BECKWITH LUMBER CO. 38.05 ACRES±

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 03/09/10.
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 UPSHUR COUNTY IN FEBRUARY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. PLAT DATED 03/25/10 REVISED 04/07/10 TO EXTEND HORIZONTAL LEG AND CHANGE BOTTOM HOLE COORDINATES, ETC.

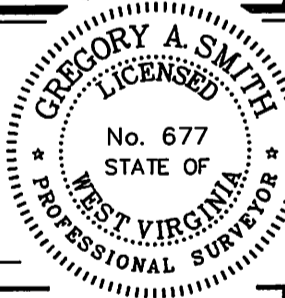
REFERENCES

- ALT 80 WELLS
H1-WV 511469
H2-WV 511470
H3-WV 511471
H4-WV 511472
H5-WV 513193
H6-WV 513194



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 07, 20 10
OPERATORS WELL NO. WV 513194
API WELL NO. 47-097-03760H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6985P513194R (296-19)
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 2,335' WATERSHED SMOOTH LICK RUN OF WEST FORK BUCKHANNON RIVER
DISTRICT WASHINGTON COUNTY UPSHUR QUADRANGLE ALTON 7.5'

SURFACE OWNER PENN VIRGINIA OPERATING ACREAGE 1,004.3±
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 MARCELLUS
ESTIMATED 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

COUNTY NAME
PERMIT