

EQT PRODUCTION COMPANY (McDONALD/ELK CREEK)

LATITUDE 37°45'00"

WELL NO. WV 513203

WELL NO. WV 513203
BOTTOM HOLE

EXISTING WELL WV 506395
(47-045-1571)
STATE PLANE COORDINATES
(SOUTH ZONE) (NAD27)

WELL NO. WV 513203
STATE PLANE COORDINATES
(SOUTH ZONE) (NAD27)

N. 259,158
E. 1,760,379

LAT=(N) 37.70879
LONG=(W) 81.82831

UTM (NAD83)

WELL NO. WV 513203
BOTTOM HOLE
STATE PLANE COORDINATES
(SOUTH ZONE) (NAD27)

N. 263,516
E. 1,757,729

LAT=(N) 37.72069
LONG=(W) 81.83760

UTM (NAD83)

N. 4,175,168
E. 426,196

N. 259,138
E. 1,760,393
LAT=(N) 37.70873
LONG=(W) 81.82826

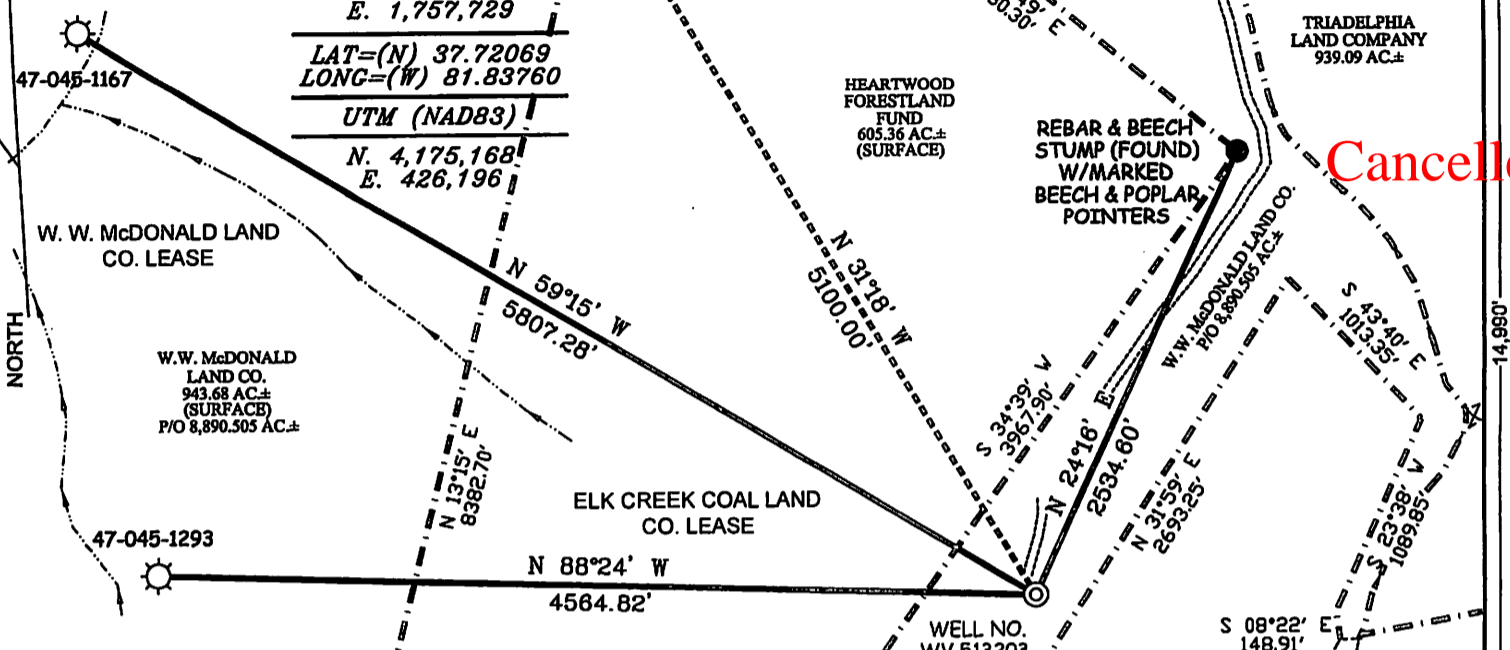
P/O 943.68 AC±
N. 4,173,840
E. 427,004

TRIADELPHIA
LAND COMPANY
939.09 AC±

HEARTWOOD
FORESTLAND
FUND
605.36 AC±
(SURFACE)

REBAR & BEECH
STUMP (FOUND)
W/MARKED
BEECH & POPLAR
POINTERS

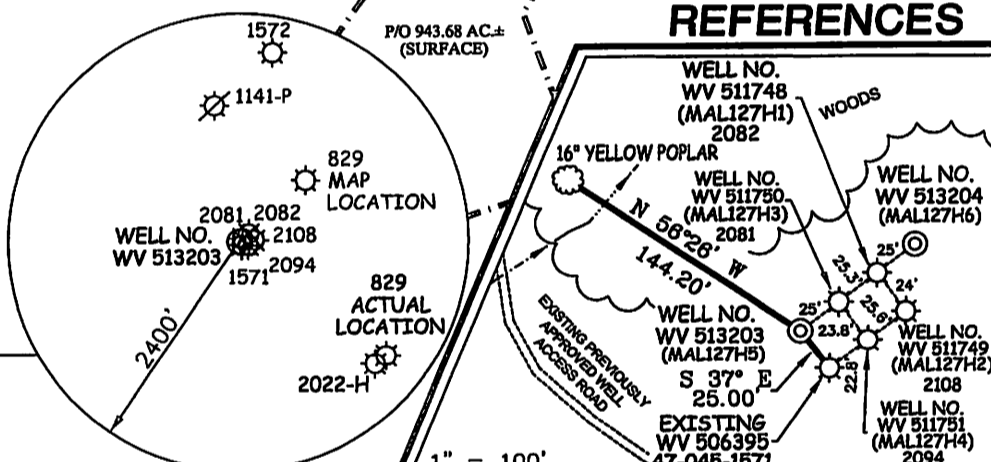
Cancelled



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04/27/10.
3. LEASE BOUNDARY SHOWN HEREON IS TAKEN FROM DEED BOOK 362 AT PAGE 298.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN JAN, 2010.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER GRADE).

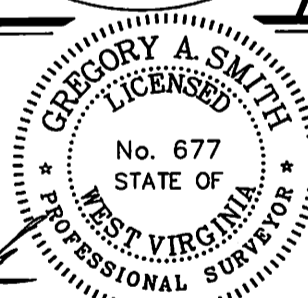
REFERENCES



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 MAY 03, 20 10

OPERATORS WELL NO. WV 513203

API WELL NO. 47-045-02363H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500
FILE NO. 3850P513203 (299-39)
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 1,477' WATERSHED BIG SPRINGS BRANCH OF HUFF CREEK
DISTRICT TRIADELPHIA COUNTY LOGAN QUADRANGLE MALLORY 7.5'

SURFACE OWNER W.W. McDONALD LAND CO. ACREAGE 943.68±

ROYALTY OWNER W.W. McDONALD LAND CO. (8,890.505±) / ISLAND CREEK CORPORATION (7,600±)

PROPOSED WORK: LEASE NO. 080608 / 005658
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 BEREA
ESTIMATED DEPTH 3,890' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE CHARLESTON, WV 25302

01/04/2013