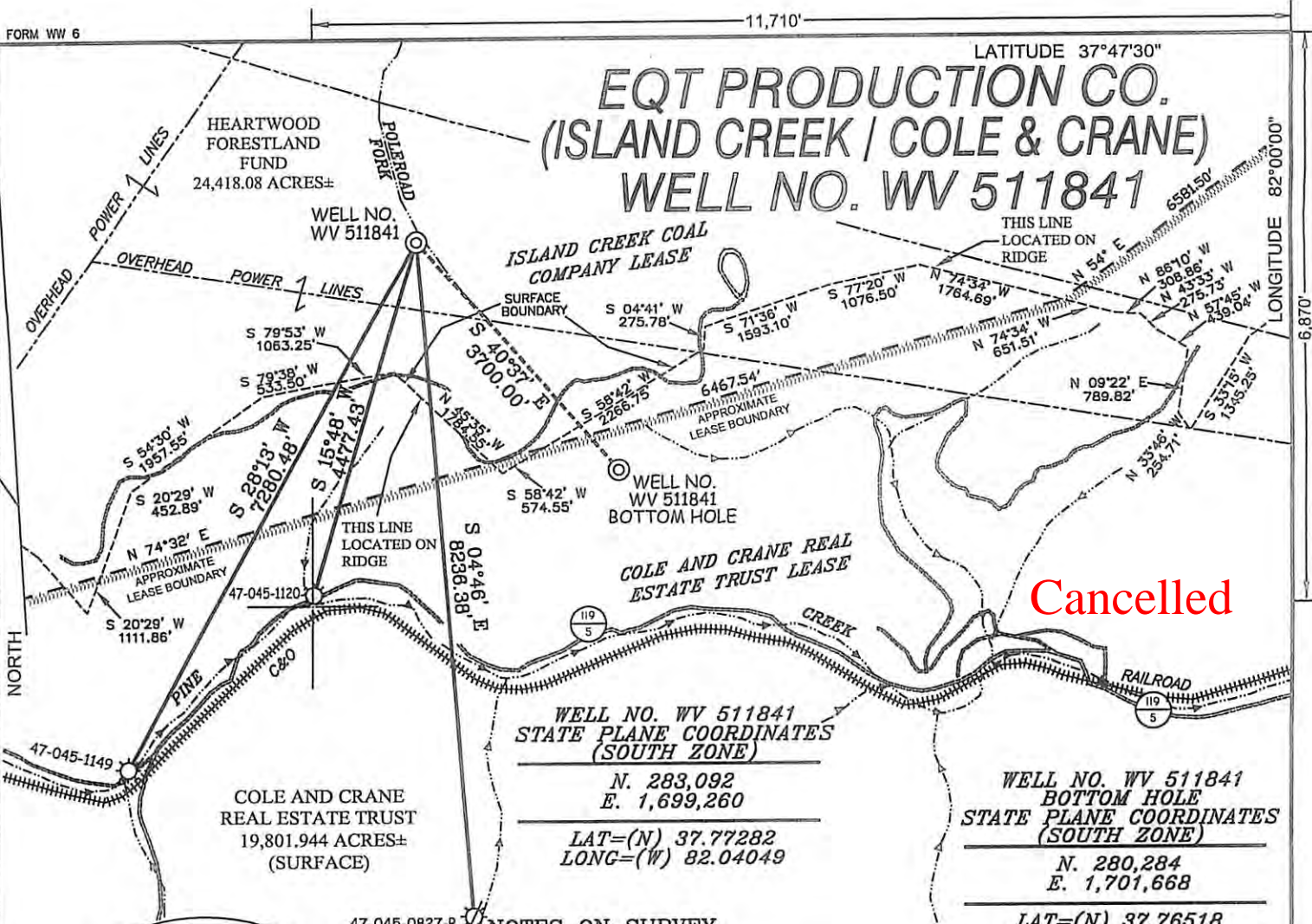


EQT PRODUCTION CO. (ISLAND CREEK / COLE & CRANE) WELL NO. WV 511841



**WELL NO. WV 511841
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 283,092
E. 1,699,260

LAT=(N) 37.77282
LONG=(W) 82.04049

**WELL NO. WV 511841
BOTTOM HOLE
STATE PLANE COORDINATES
(SOUTH ZONE)**

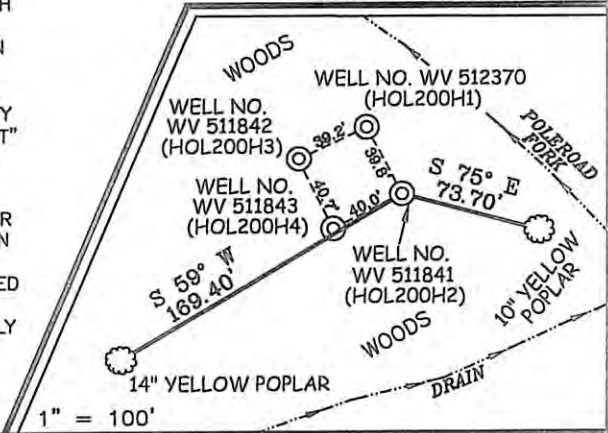
N. 280,284
E. 1,701,668

LAT=(N) 37.76518
LONG=(W) 82.03205

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 11/18/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A MAP SHOWING "PROPERTY OF COLE AND CRANE REAL ESTATE TRUST" DATE JANUARY 1925 BY W.C. McCALL, ENGINEER.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. WELL NO. WV 511841 WAS PREVIOUSLY PERMITTED AS 47-045-2138H IN A DIFFERENT SITE (NOW VOID).

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 JANUARY 18, 20 10
 OPERATORS WELL NO. WV 511841
 API WELL NO. 47-045-02374H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3890P511841R2 (289-37)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

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 1,260' WATERSHED POLEROAD FORK OF LEFT FORK OF WHITMAN CREEK
 DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE HOLDEN 7.5'
 SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 24,418.08±
 ROYALTY OWNER ISLAND CREEK CORPORATION (60,000 AC.±) / COLE & CRANE REAL ESTATE TRUST (12,096.64 AC.±)
 PROPOSED WORK: LEASE NO. 080662 / 080565
 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 RHINESTREET
 ESTIMATED DEPTH 4,720' (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