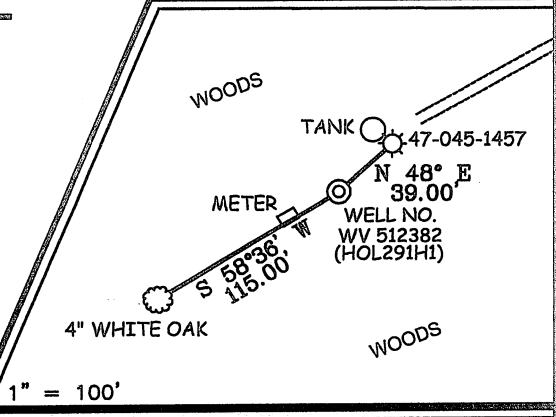
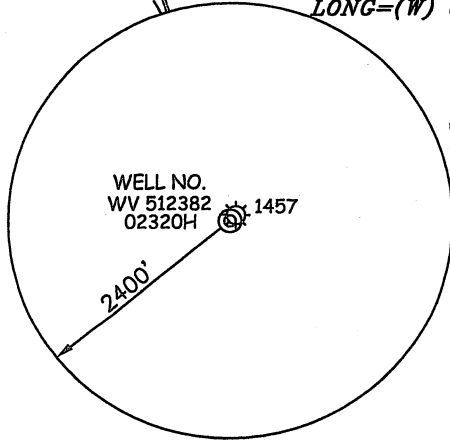


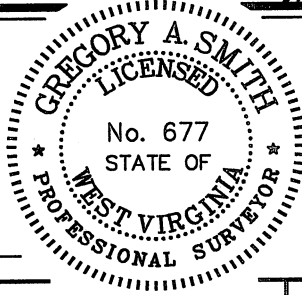
**EQT PRODUCTION COMPANY
(COLE & CRANE / ISLAND CREEK)
WELL NO. WV 512382
REFERENCES**

**EXISTING WELL
A.P.I. #47-045-1457
STATE PLANE COORDINATES
(SOUTH ZONE)**
N. 281,451
E. 1,704,824
LAT=(N) 37.76848
LONG=(W) 82.02118

- NOTES ON SURVEY**
1. TIES TO WELLS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
 2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 07/10/09.
 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 JUNE, 2009.
 5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
 6. DUE TO STRIPMINE ACTIVITIES AND TIMBERING ETC. NO CORNER MONUMENTS WERE FOUND. LEASE BOUNDARY PLACEMENT IS BASE ON THE TOPOGRAPHIC FEATURES SHOWN ON SAID 1925 MAP.
 7. ORIGINAL PLAT DATED 08/04/09 REVISED 02/16/10 TO EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE FEBRUARY 16, 20 10
OPERATORS WELL NO. WV 512382
API WELL NO. 47-045-02320H
NO. 02320H COUNTY LOGAN PERMIT REVISED

P.S. 677 *Gregory A. Smith*

CANCELLED
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3796P512382R (283-26)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

WELL TYPE: OIL GAS INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,294' WATERSHED TRIBUTARY OF PINE CREEK
DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE HOLDEN 7.5'

SURFACE OWNER COLE & CRANE REAL ESTATE TRUST ACREAGE 19,801.944±
ROYALTY OWNER COLE & CRANE REAL ESTATE TRUST (13,292.15 AC.±) / ISLAND CREEK CORPORATION (60,000 AC.±)

PROPOSED WORK: LEASE NO. 0805741080662
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 LOWER HURON
ESTIMATED DEPTH 4,780' (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

COUNTY NAME
PERMIT