

# EQT PRODUCTION CO. (ISLAND CREEK-COLE & CRANE) WELL NO. WV 512177

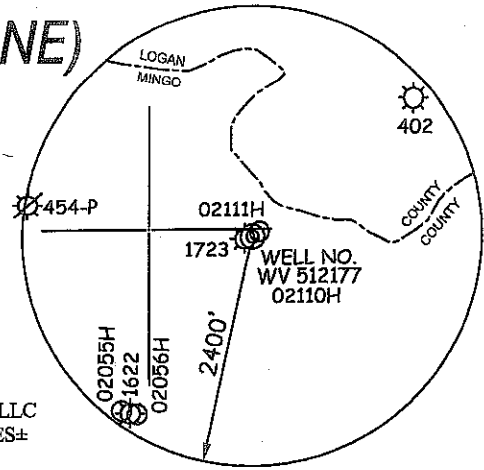
LATITUDE 37° 42' 30"

LONGITUDE 82° 02' 30"

**BOTTOM HOLE**  
WELL NO. WV 512177  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 261,361  
E. 1,688,951

LAT=(N) 37.71282  
LONG=(W) 82.07528



COLE & CRANE  
REAL ESTATE  
TRUST  
19,801.944 ACRES±

FUND 8  
DOMESTIC, LLC  
111.20 ACRES±

COLE & CRANE REAL  
ESTATE TRUST LEASE

UTM NAD83  
N 4173092.95  
E 406833.82

WELL NO. WV 512177  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 256,715  
E. 1,694,186

LAT=(N) 37.70023  
LONG=(W) 82.05700

### 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 04/09/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A MAP SHOWING "PROPERTY OF COLE & CRANE REAL ESTATE TRUST" DATED JANUARY 1925 BY W.C. McCALL, ENGINEER.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN MARCH, 2009.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 06/26/09 REVISED 03/18/10 TO ROTATE & EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.

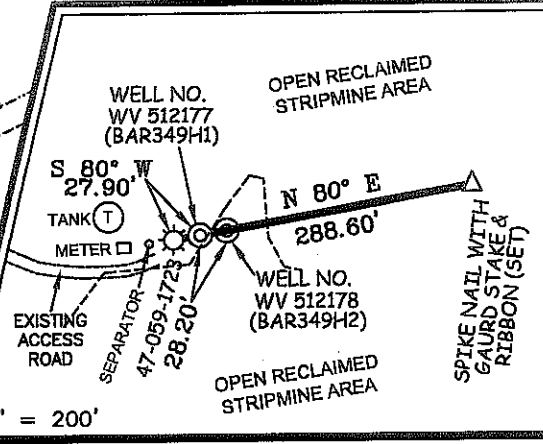


**EXISTING WELL**  
A.P.I. #47-059-1723  
STATE PLANE COORDINATES  
(SOUTH ZONE)

N. 256,705  
E. 1,694,160

LAT=(N) 37.70020  
LONG=(W) 82.05709

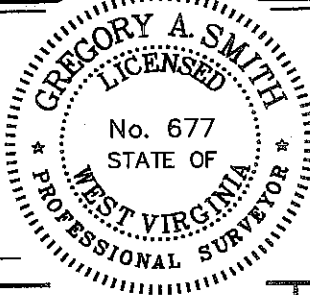
### REFERENCES



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 MARCH 18, 20 10

OPERATORS WELL NO. WV 512177

API WELL NO. 47-059-02110H  
STATE COUNTY PERMIT

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

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P512177R3 (276-37)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1,000'

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

LOCATION: ELEVATION 1,925' WATERSHED BIG SOUTH BRANCH OF ROCKHOUSE FORK

DISTRICT LEE COUNTY MINGO QUADRANGLE BARNABUS 7.5'

SURFACE OWNER ZELORA SIMPKINS ACREAGE 165±

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

PROPOSED WORK: LEASE NO. 080662 / 080574

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 5,390' (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

02/10/2012

COUNTY NAME PERMIT