

1,760'

COLE & CRANE REAL ESTATE TRUST LEASE

LATITUDE 37°42'30"

ISLAND CREEK COAL CO. LEASE 60,000 ACRES± WELL NO. WV 512179

WELL NO. WV 512179
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 252,384
E. 1,696,813

LAT=(N) 37.68842
LONG=(W) 82.04775

UTM NAD83
N 4171773.50
E 407634.68

N. 257,450
E. 1,691,982

LAT=(N) 37.70218
LONG=(W) 82.06465

EXISTING WELL
A.P.I. #47-059-1172
STATE PLANE COORDINATES
(SOUTH ZONE)

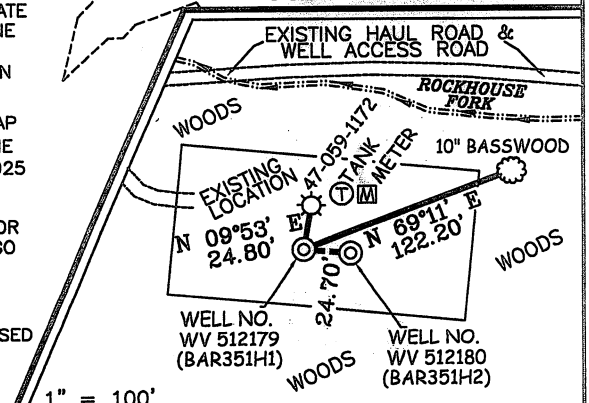
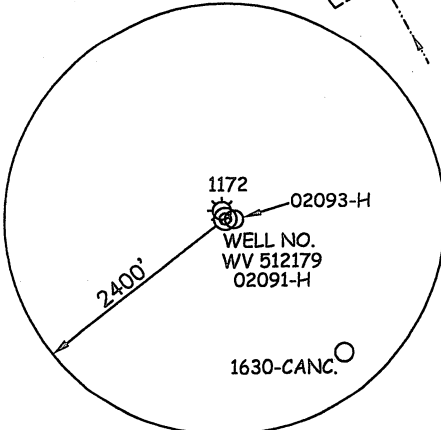
N. 252,408
E. 1,696,815

LAT=(N) 37.68848
LONG=(W) 82.04775

REFERENCES

NOTES ON SURVEY

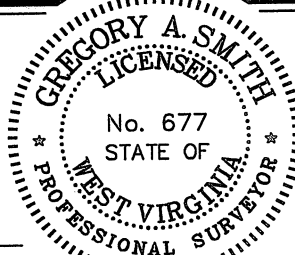
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04/30/09.
3. LEASE BOUNDARY TAKEN FROM A MAP SHOWING "PROPERTY OF COLE & CRANE REAL ESTATE TRUST" DATED JANUARY 1925 BY W.C. McCALL, ENGINEER.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN APRIL, 2009.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 06/30/09 REVISED 03/11/10 TO ROTATE & 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.

P.S. 677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MARCH 11, 20 10

OPERATORS WELL NO. WV 512179

API WELL NO. 47-059-02091H

STATE COUNTY PERMIT

CANCELLED

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



MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P512179R (276-51)
SCALE 1" = 2,000'

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)

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

LOCATION: ELEVATION 1,295' WATERSHED ROCKHOUSE FORK

DISTRICT LEE COUNTY MINGO QUADRANGLE BARNABUS 7.5'

SURFACE OWNER FUND 8 DOMESTIC, LLC ACREAGE 856.01±

ROYALTY OWNER ISLAND CREEK CORPORATION LEASE ACREAGE 60,000±

PROPOSED WORK: LEASE NO. 080662

DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 4,750' (TOTAL VERTICAL DEPTH)

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

01/20/2012

COUNTY NAME PERMIT