

ISLAND CREEK COAL CO. LEASE

60,000 ACRES±

WELL NO. WV 512178

WELL NO. WV 512178
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 256,723
E. 1,694,214

LAT=(N) 37.70025
LONG=(W) 82.05691

UTM NAD83
N 4173095.08
E 406841.78

COLE & CRANE
REAL ESTATE
TRUST
19,801.944 ACRES±

COLE & CRANE
REAL ESTATE
TRUST LEASE

COLE & CRANE
REAL ESTATE
TRUST
19,801.944 ACRES±

CROWN
CONSTRUCTION, INC.
1.75 ACRES±

POCAHONTAS
LAND CORP.
111.58 ACRES±

ZELORA SIMPKINS
165 ACRES±

FUND 8
DOMESTIC, LLC
856.01 ACRES±

ARK LAND
COMPANY
11.74 ACRES±

ARK LAND
COMPANY
2.43 ACRES±

P/O FUND 8
DOMESTIC, LLC
856.01 ACRES±

ARK LAND
COMPANY
396.58 ACRES±

P/O 856.01 ACRES±

BOTTOM HOLE
WELL NO.
WV 512178

BOTTOM HOLE
WELL NO. WV 512178
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 253,002
E. 1,697,553

LAT=(N) 37.69014
LONG=(W) 82.04522

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

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

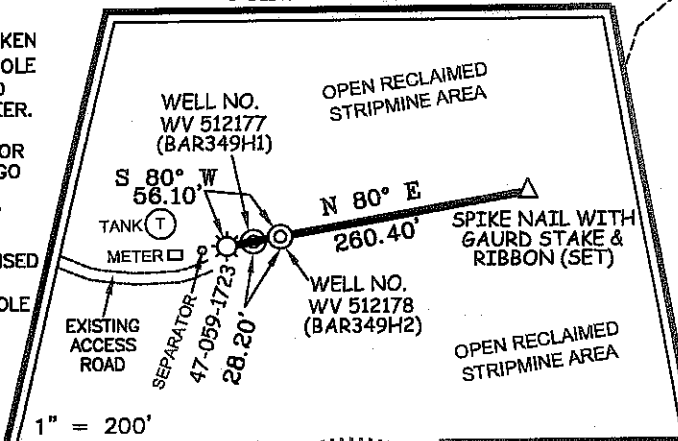
LAT=(N) 37.70020
LONG=(W) 82.05709

NOTES ON SURVEY

- TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
- TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04/09/09.
- LEASE BOUNDARY SHOWN HEREON TAKEN FROM A MAP SHOWING "PROPERTY OF COLE & CRANE REAL ESTATE TRUST" DATED JANUARY 1925 BY W.C. McCALL, ENGINEER.
- SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN MARCH, 2009.
- WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
- ORIGINAL PLAT DATED 06/17/09 REVISED 03/18/10 TO ROTATE & EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.



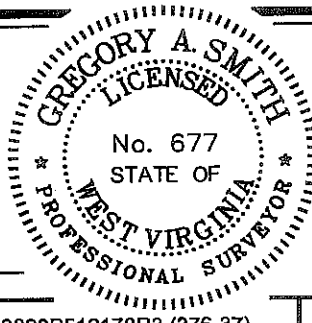
REFERENCES



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 512178

A.P.I. WELL NO. 47-059-0211H

STATE COUNTY PERMIT
CANCELLED Revised

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P512178R3 (276-37)
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 X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

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 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 5,390' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY
ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

02/10/2012

COUNTY NAME
PERMIT