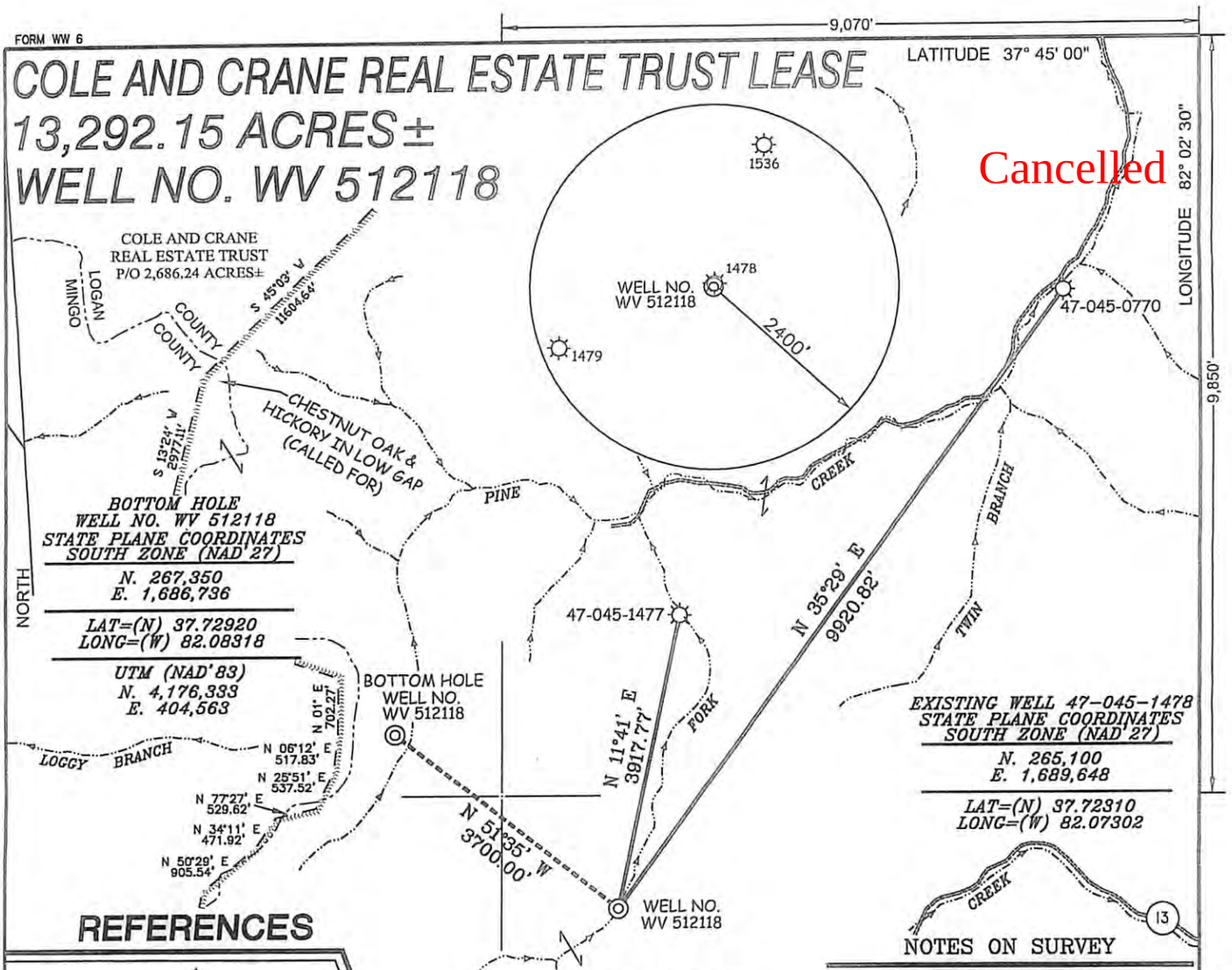
FORM WW 6

COLE AND CRANE REAL ESTATE TRUST LEASE
13,292.15 ACRES±
WELL NO. WV 512118

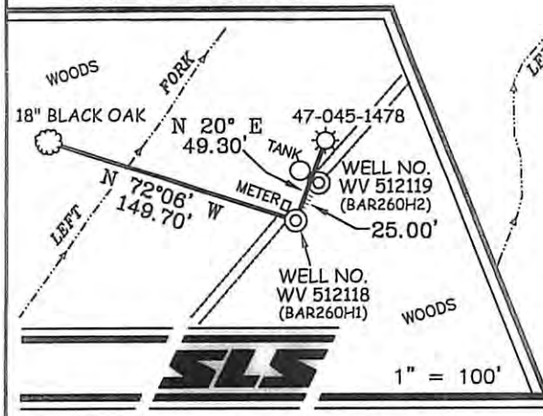
Cancelled



BOTTOM HOLE
WELL NO. WV 512118
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)
N. 267,350
E. 1,686,736
LAT=(N) 37.72920
LONG=(W) 82.08318
UTM (NAD'83)
N. 4,176,333
E. 404,563

EXISTING WELL 47-045-1478
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)
N. 265,100
E. 1,689,648
LAT=(N) 37.72310
LONG=(W) 82.07302

REFERENCES



COLE AND CRANE REAL ESTATE TRUST
19,801.944 ACRES±
(SURFACE)

WELL NO. WV 512118
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)
N. 265,051
E. 1,689,635
LAT=(N) 37.72298
LONG=(W) 82.07306
UTM (NAD'83)
N. 4,175,633
E. 405,447

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 01/27/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A MAP SHOWING "PROPERTY OF COLE AND 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 LOGAN COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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

GREGORY A. SMITH LICENSED No. 677 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE JULY 26, 20 10

OPERATORS WELL NO. WV 512118

API WELL NO. 47 — 045 — 02376H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
FILE NO. 3796P512118 (289-67)
SCALE 1" = 2000'

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 1,297' WATERSHED LEFT FORK OF PINE CREEK
DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE BARNABUS 7.5'
SURFACE OWNER COLE & CRANE REAL ESTATE TRUST ACREAGE 19,801.944±
ROYALTY OWNER COLE & CRANE REAL ESTATE TRUST LEASE ACREAGE 13,292.15±
PROPOSED WORK: LEASE NO. 080574
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 4,800' (TOTAL VERTICAL DEPTH)

COUNTY NAME

PERMIT

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

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

SLS 124803

01/04/2013