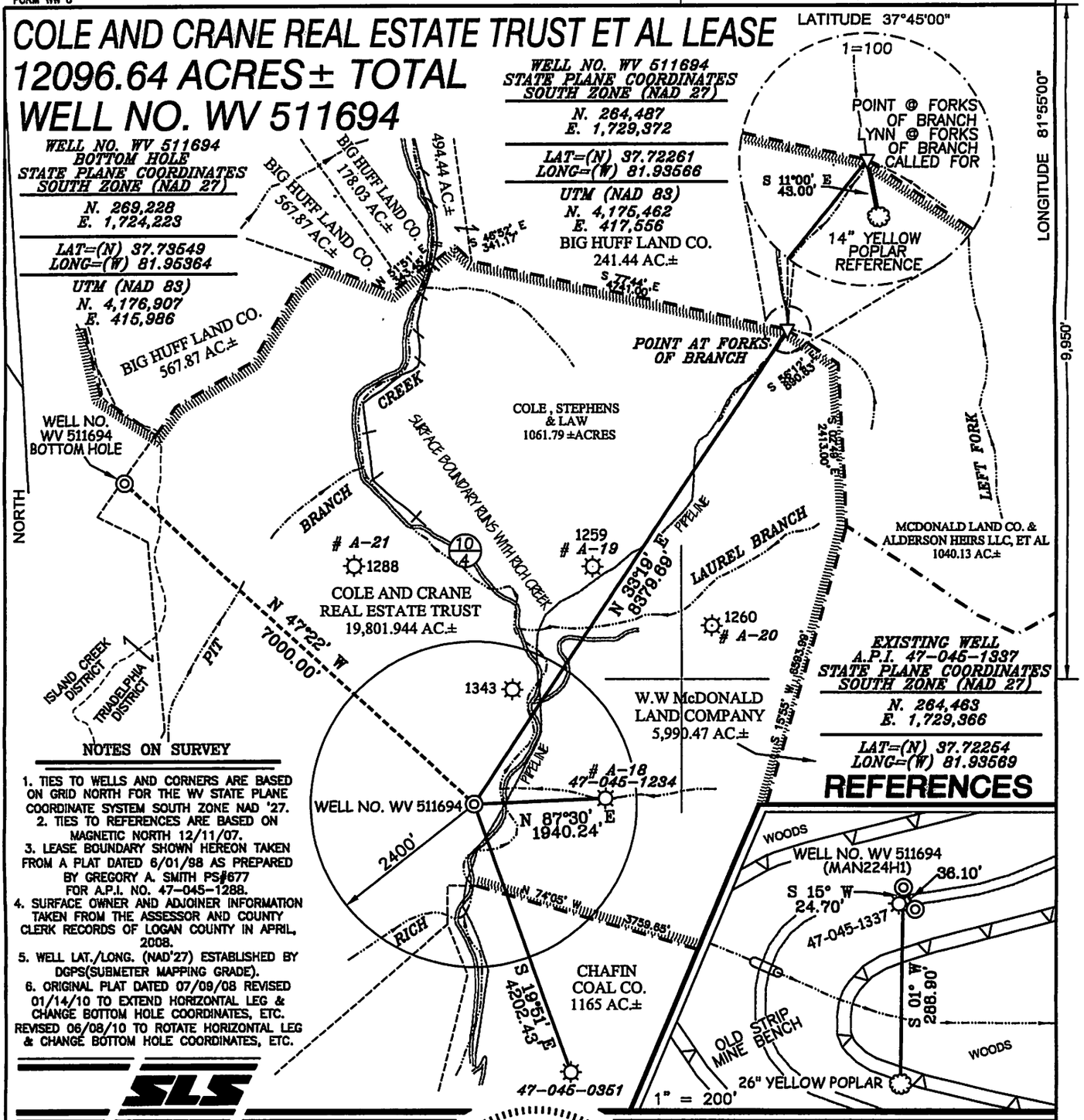
FORM WW 6

COLE AND CRANE REAL ESTATE TRUST ET AL LEASE
12096.64 ACRES± TOTAL
WELL NO. WV 511694



NORTH

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 12/11/07.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED 6/01/98 AS PREPARED BY GREGORY A. SMITH PS#677 FOR A.P.I. NO. 47-045-1288.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN APRIL, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 07/09/08 REVISED 01/14/10 TO EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC. REVISED 06/08/10 TO ROTATE HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.

SLS

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 JUNE 08 , 20 10

OPERATORS WELL NO. WV 511694

API WELL NO. 47 — 045 — 02142H
STATE COUNTY PERMIT

CANCELLED Rev.

MINIMUM DEGREE OF ACCURACY 1 / 2500

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)

FILE NO. 3796P511694R2 (246-54 & 249-16)

SCALE 1" = 2,000'

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 1,276' WATERSHED RICH CREEK

DISTRICT TRIADELPHIA COUNTY LOGAN QUADRANGLE MAN 7.5'

SURFACE OWNER COLE AND CRANE REAL ESTATE TRUST ET AL ACREAGE 19,801.944±

ROYALTY OWNER COLE AND CRANE REAL ESTATE TRUST ET AL LEASE ACREAGE 12,096.64±

PROPOSED WORK: LEASE NO. 080565

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 4,820' (TOTAL VERTICAL DEPTH)

COUNTY NAME

PERMIT

WELL OPERATOR EQT PRODUCTION COMPANY

ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

DESIGNATED AGENT REX C. RAY

ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

06/07/2013