

WELL REFERENCES:

N14-30E, 126.50' TO 6" BOX ELDER
 N00-30W, 118.00' TO 12" RED MAPLE

LATITUDE 39-15-00

SCALED COOR.:

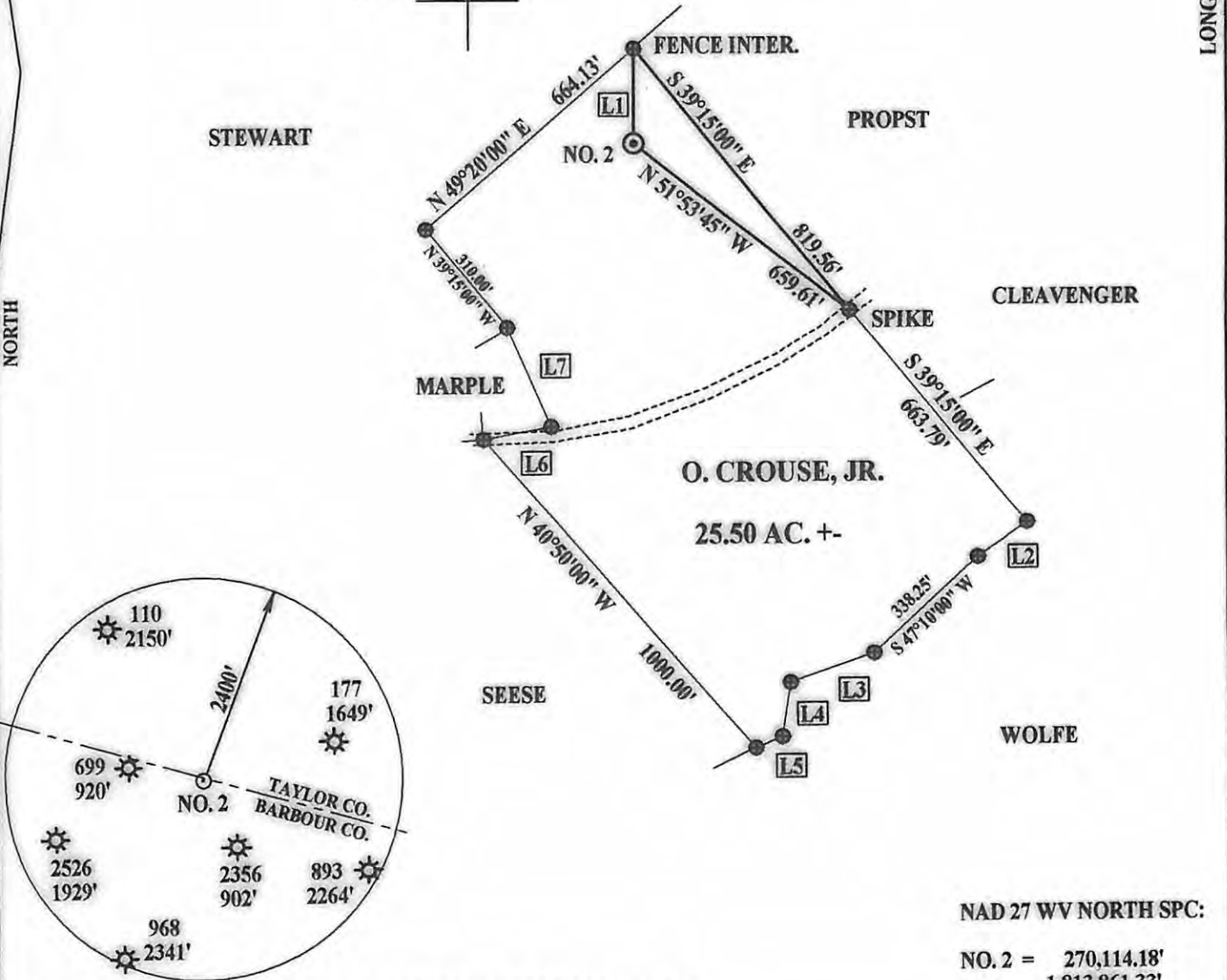
9,130' WEST
 3,720' SOUTH

NAD 27:

39-14-23.28
 80-09-26.00

Id	Bearing	Distance
L1	N 0°07'33" E	227.62'
L2	S 54°40'00" W	144.87'
L3	S 70°56'00" W	211.20'
L4	S 9°10'00" W	132.00'
L5	S 66°55'00" W	70.00'
L6	N 80°00'00" E	166.49'
L7	N 23°45'00" W	259.88'

LONGITUDE 80-07-30




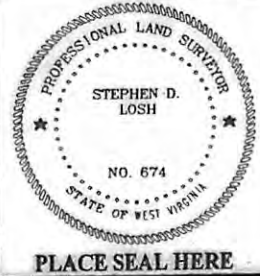
NAD 27 WV NORTH SPC:
 NO. 2 = 270,114.18'
 1,813,861.33'

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

FILE NUMBER: _____
 DRAWING NUMBER: **PDCCROUSE2.PCS**
 SCALE: 1" = 400'
 MINIMUM DEGREE OF ACCURACY: **SUBMETER**
 PROVEN SOURCE OF ELEVATION: **DGPS SURVEY**
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 DEPARTMENT OF ENERGY.

(SIGNED) 
 STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5752

CANCELLED

DATE: **AUGUST 15, 2008**
 OPERATIONS WELL NO.: **CROUSE NO. 2**
 API WELL NO. **47-001-03000**
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION **1288.97'** WATERSHED **BARTLETT RUN**
 DISTRICT **PLEASANT** COUNTY **BARBOUR**
 QUADRANGLE **BROWNTON** LEASE NUMBER **398600**

SURFACE OWNER **ORLAN CROUSE, JR. & JEANNE CROUSE** ACREAGE **25.50 (9-07)**
 OIL & GAS ROYALTY OWNER **ORLAN CROUSE, JR., ET. AL.** LEASE ACREAGE **30.50**

PROPOSED WORK: DRILL **X** CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION **Benson** PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH **5000'**

WELL OPERATOR **PETROLEUM DEVELOPMENT CORPORATION** DESIGNATED AGENT **ALAN SMITH**
 ADDRESS **120 GENESIS BLVD., BRIDGEPORT, WV 26330** ADDRESS **120 GENESIS BLVD., BRIDGEPORT, WV 26330**

COUNTY NAME PERMIT

07/19/2013