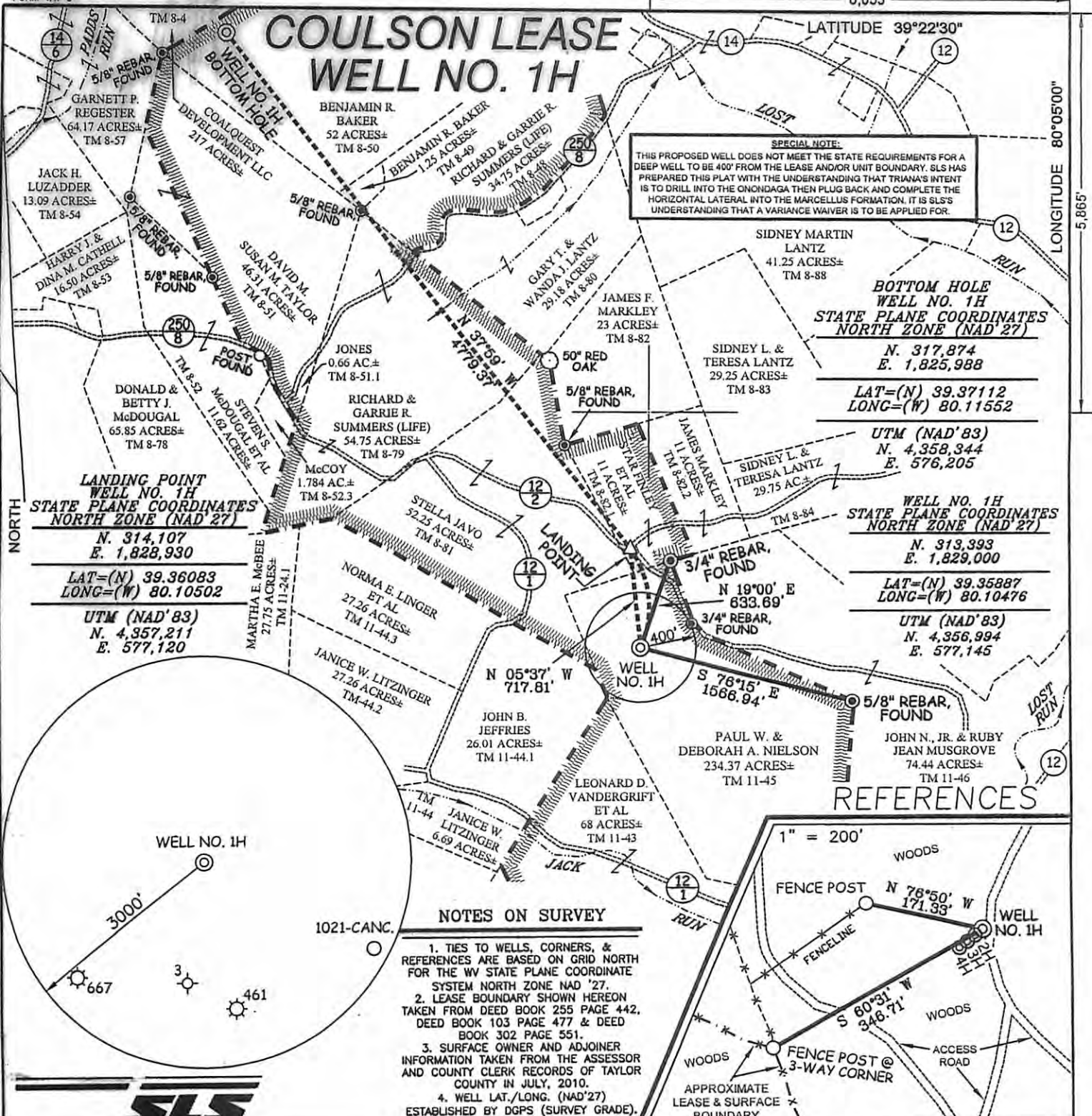


COULSON LEASE WELL NO. 1H

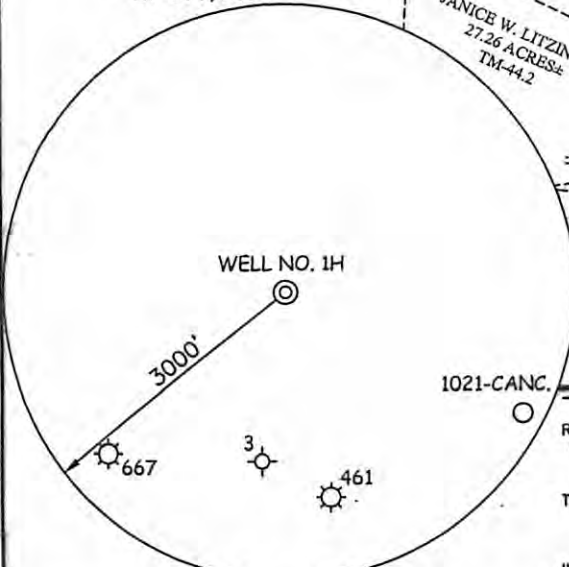


SPECIAL NOTE:
THIS PROPOSED WELL DOES NOT MEET THE STATE REQUIREMENTS FOR A DEEP WELL TO BE 400' FROM THE LEASE AND/OR UNIT BOUNDARY. SLS HAS PREPARED THIS PLAN WITH THE UNDERSTANDING THAT TRIANA'S INTENT IS TO DRILL INTO THE ONONDAGA THEN PLUG BACK AND COMPLETE THE HORIZONTAL LATERAL INTO THE MARCELLUS FORMATION. IT IS SLS'S UNDERSTANDING THAT A VARIANCE WAIVER IS TO BE APPLIED FOR.

LANDING POINT WELL NO. 1H
STATE PLANE COORDINATES NORTH ZONE (NAD'27)
N. 314,107
E. 1,828,930
LAT=(N) 39.36083
LONG=(W) 80.10502
UTM (NAD'83)
N. 4,357,211
E. 577,120

BOTTOM HOLE WELL NO. 1H
STATE PLANE COORDINATES NORTH ZONE (NAD'27)
N. 317,874
E. 1,825,988
LAT=(N) 39.37112
LONG=(W) 80.11552
UTM (NAD'83)
N. 4,358,344
E. 576,205

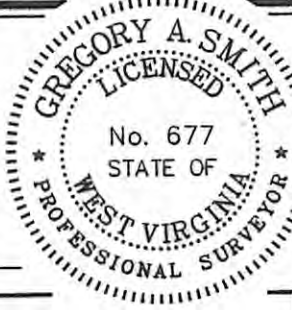
WELL NO. 1H
STATE PLANE COORDINATES NORTH ZONE (NAD'27)
N. 313,393
E. 1,829,000
LAT=(N) 39.35887
LONG=(W) 80.10476
UTM (NAD'83)
N. 4,356,994
E. 577,145



- NOTES ON SURVEY**
1. TIES TO WELLS, CORNERS, & REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
 2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 255 PAGE 442, DEED BOOK 103 PAGE 477 & DEED BOOK 302 PAGE 551.
 3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2010.
 4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY 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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE AUGUST 02, 20 11
OPERATORS WELL NO. COULSON #1H
API WELL NO. 47-091-01253H
STATE WEST VIRGINIA COUNTY GRAFTON PERMIT

CANCELLED

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

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7645P1HRD7 (360-36)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1,000'

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

LOCATION: ELEVATION 1,505' (GROUND) 1,498' (PROPOSED) WATERSHED JACK RUN AND LOST RUN
DISTRICT BOOTH'S CREEK COUNTY TAYLOR QUADRANGLE GRAFTON 7.5'
SURFACE OWNER PAUL W. & DEBORAH A. NIELSON ACREAGE 234.37±
ROYALTY OWNER ANN COULSON ET AL LEASE ACREAGE 234.37±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ONONDAGA / MARCELLUS
ESTIMATED DEPTH TD 7.700' TMD 12,480'

WELL OPERATOR TRIANA ENERGY, LLC. DESIGNATED AGENT RACHELLE A. KING
ADDRESS 900 VIRGINIA ST. EAST SUITE 400 ADDRESS 900 VIRGINIA ST. EAST SUITE 400
CHARLESTON, WV 25301 CHARLESTON, WV 25301 **07/04/2014**

COUNTY NAME
PERMIT