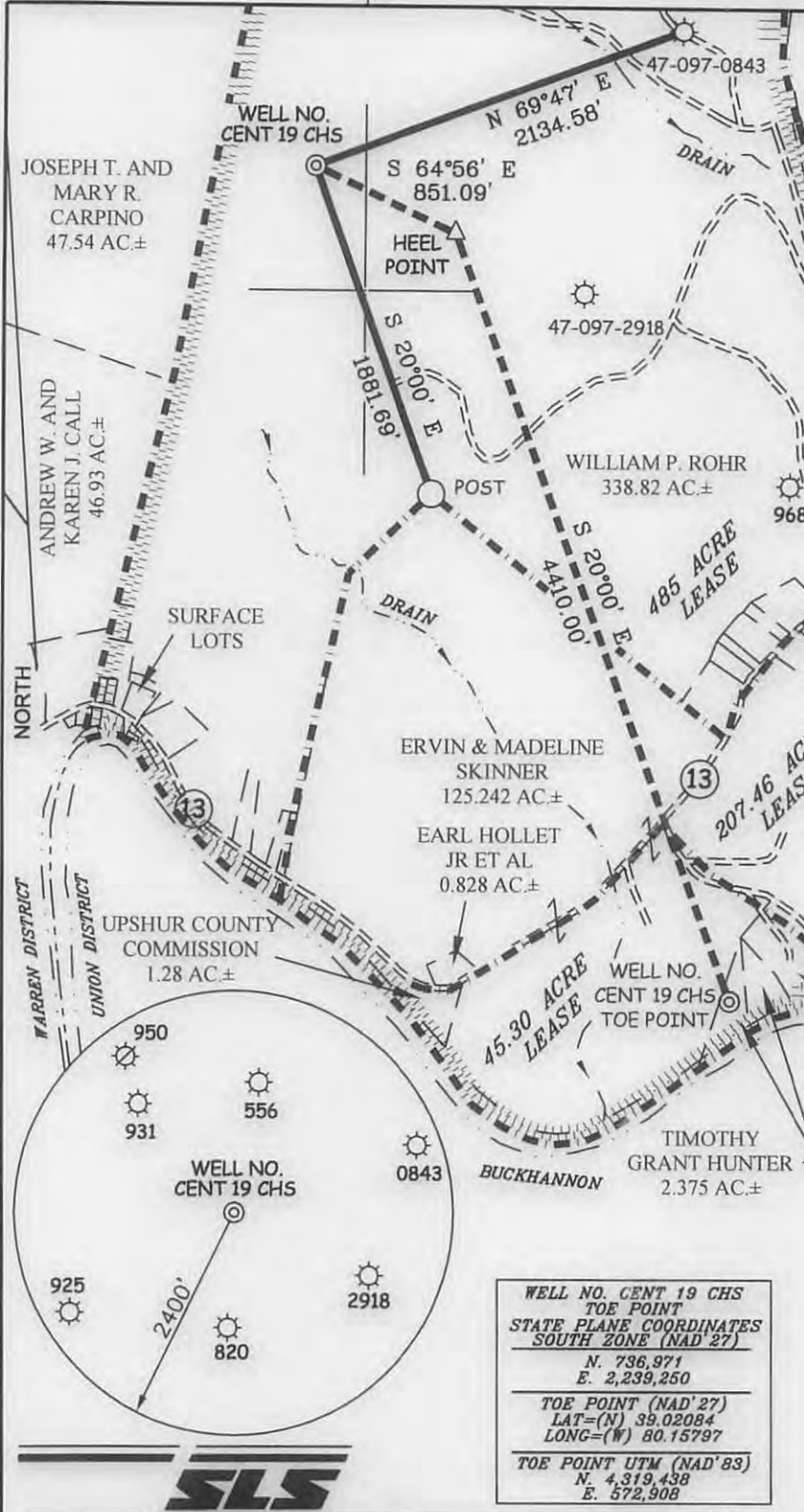


S. R. HARRISON LEASE WELL NO. CENT 19 CHS

NOTES ON SURVEY

1. TIES TO WELLS, REFERENCES, AND CORNERS ARE BASED ON GRID SOUTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED BOOK 85 PAGE 259 AND ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE).

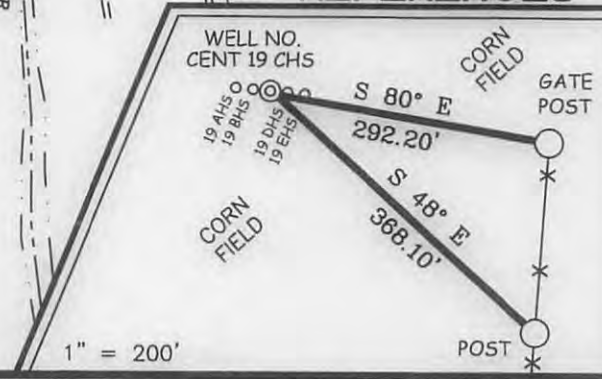


**WELL NO. CENT 19 CHS
HEEL POINT**
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)
N. 741,115
E. 2,237,741
HEEL POINT (NAD'27)
LAT=(N) 39.03226
LONG=(W) 80.16315
HEEL POINT UTM (NAD'83)
N. 4,320,700
E. 572,449

**WELL NO. CENT 19 CHS
TOP HOLE**
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)
N. 741,476
E. 2,236,970
LAT=(N) 39.03327
LONG=(W) 80.16585
UTM (NAD'83)
N. 4,320,810
E. 572,214

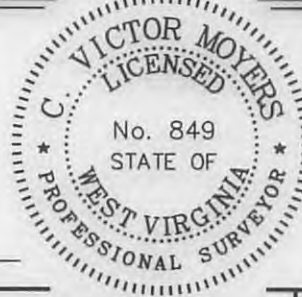
**WELL NO. CENT 19 CHS
TOE POINT**
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)
N. 736,971
E. 2,239,250
TOE POINT (NAD'27)
LAT=(N) 39.02084
LONG=(W) 80.15797
TOE POINT UTM (NAD'83)
N. 4,319,438
E. 572,908

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. 849 *C. Victor Moyers*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE APRIL 8, 20 13
OPERATORS WELL NO. CENT 19 CHS
API WELL NO. 47-97-3849H6A
STATE WEST VIRGINIA COUNTY UPSHUR PERMIT 3849H6A

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7830P19CHSR4 (422-02)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1000'

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

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

LOCATION: GROUND PROPOSED
ELEVATION 1582.6' 1585' WATERSHED BUCKHANNON RIVER

DISTRICT WARREN COUNTY UPSHUR QUADRANGLE CENTURY 7.5'

SURFACE OWNER WILLIAM ROHR ACREAGE 338.82±

ROYALTY OWNER S.R. HARRISON, J.R. ET AL LEASE ACREAGE 485±, 207.46±, AND 45.30±

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 MARCELLUS
ESTIMATED DEPTH TVD 8,015' / TMD 13,276'

WELL OPERATOR CNX GAS COMPANY, LLC. DESIGNATED AGENT JEREMY JONES
ADDRESS P.O. BOX 1248 ADDRESS P.O. BOX 1248
JANE LEW, WV 26378 JANE LEW, WV 26378

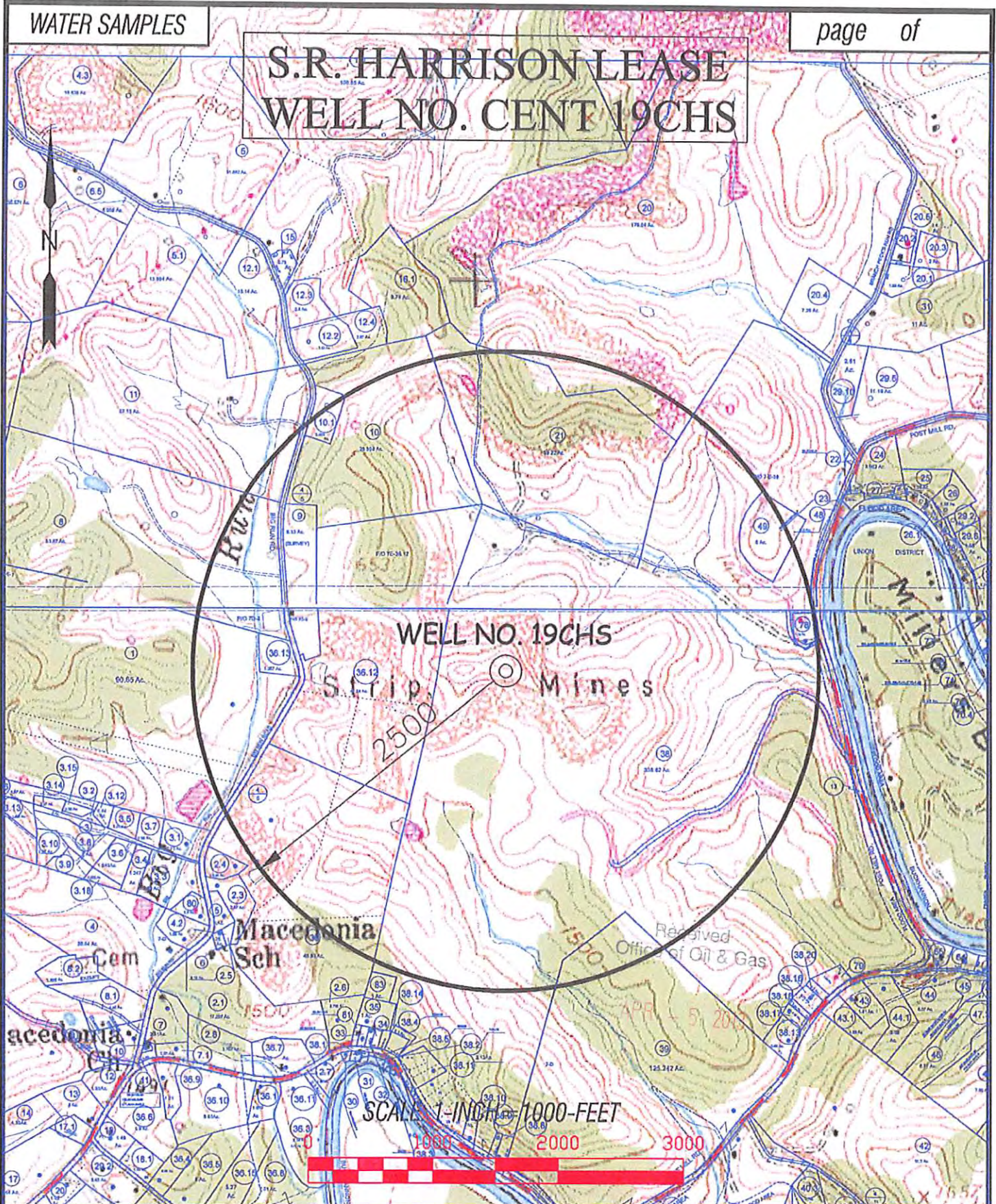
08/02/2013

COUNTY NAME PERMIT

WATER SAMPLES

page of

S.R. HARRISON LEASE WELL NO. CENT 19CHS



SLS
 SMITH LAND SURVEYING, INC.
 P.O. BOX 150 GLENVILLE, WV, 26351
 PH: (304)462-5634 FAX: (304)462-5656 E-MAIL: sls@tollne
 DRAWN BY FILE NO. DATE CADD FILE:
 C.P.M. 7830 06-24-12 7830WATERCHS.DWG

TOPO SECTION OF:
 CENTURY, WV 7.5' QUAD

COUNTY	DISTRICT	TAX MAP-PARCEL NO.
UPSHUR	WARREN	7E-38

OPERATOR:
 CNX GAS COMPANY
 P.O. BOX 1248
 JANE LEW, WV 26378