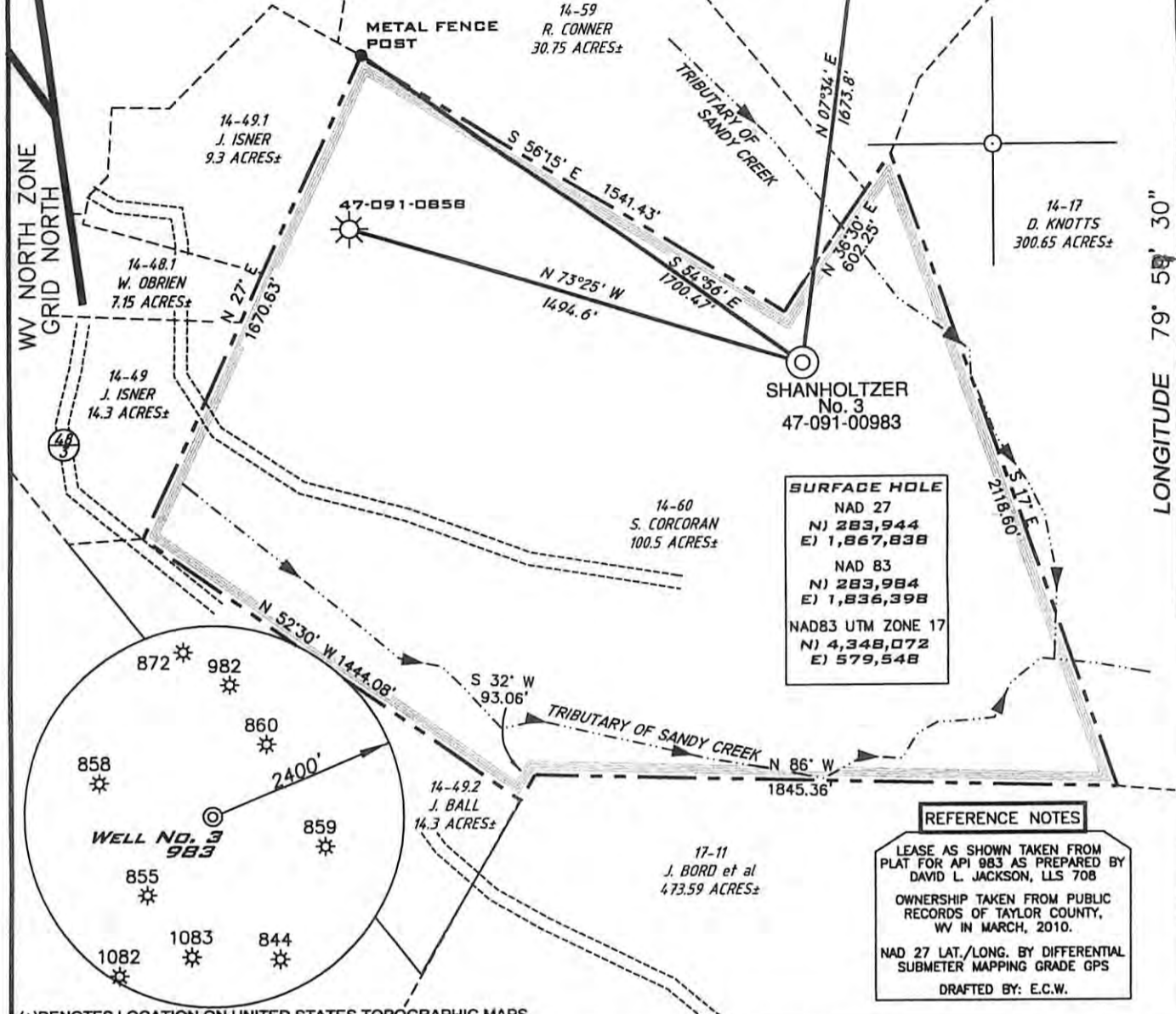


DECIMAL LONG.: 79.96687
 SURVEYED LONG.: 79° 58' 00.7"

2,400'

LATITUDE 39° 17' 30"

**SHANHOLTZER LEASE
 100.5 ACRES
 47-091-0983
 WELL NO. 3**



SURFACE HOLE
 NAD 27
 N) 283,944
 E) 1,867,838
 NAD 83
 N) 283,984
 E) 1,836,398
 NAD83 UTM ZONE 17
 N) 4,348,072
 E) 579,548

REFERENCE NOTES
 LEASE AS SHOWN TAKEN FROM PLAT FOR API 983 AS PREPARED BY DAVID L. JACKSON, LLS 708
 OWNERSHIP TAKEN FROM PUBLIC RECORDS OF TAYLOR COUNTY, WV IN MARCH, 2010.
 NAD 27 LAT./LONG. BY DIFFERENTIAL SUBMETER MAPPING GRADE GPS
 DRAFTED BY: E.C.W.

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER W0100245 (WB17-18)
 DRAWING NUMBER W0100245_WP.dwg
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION SUBMETER MAPPING GRADE GPS

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 1006 *Terry A. Shreve*



ANGLE RIGHT
 LAND SURVEYING, LLC.
 GRANTSVILLE, WV 26147 (304) 354-0065
 WESTON, WV 26452 (304) 269-5608



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

DATE: APRIL 2, 2010

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION ELEVATION 1510' WATERSHED TRIBUTARY OF SANDY CREEK
 DISTRICT KNOTTSVILLE COUNTY TAYLOR
 QUADRANGLE THORNTON 7.5' LEASE NUMBER 462300
 SURFACE OWNER SCOTT D. CORCORAN ACREAGE 100.5
 OIL & GAS ROYALTY OWNER JACOB B. SHANHOLTZER et al LEASE ACREAGE 100.5
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) REWORK KEENER AND BAYARD FORMATIONS PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION KEENER AND BAYARD ESTIMATED DEPTH (1270', 2338') TD 4850'
 WELL OPERATOR PDC MOUNTAINEER, LLC. DESIGNATED AGENT ALAN SMITH
 ADDRESS 120 GENESIS BLVD., BRIDGEPORT, WV 26330 ADDRESS 120 GENESIS BLVD., BRIDGEPORT, WV 26330

OPERATORS WELL NO. SHANHOLTZER- NO. 3
 API WELL NO. 47-091-00983 W
 STATE WV COUNTY TAYLOR PERMIT CANCELLED

COUNTY NAME
 PERMIT

A.R.L.B