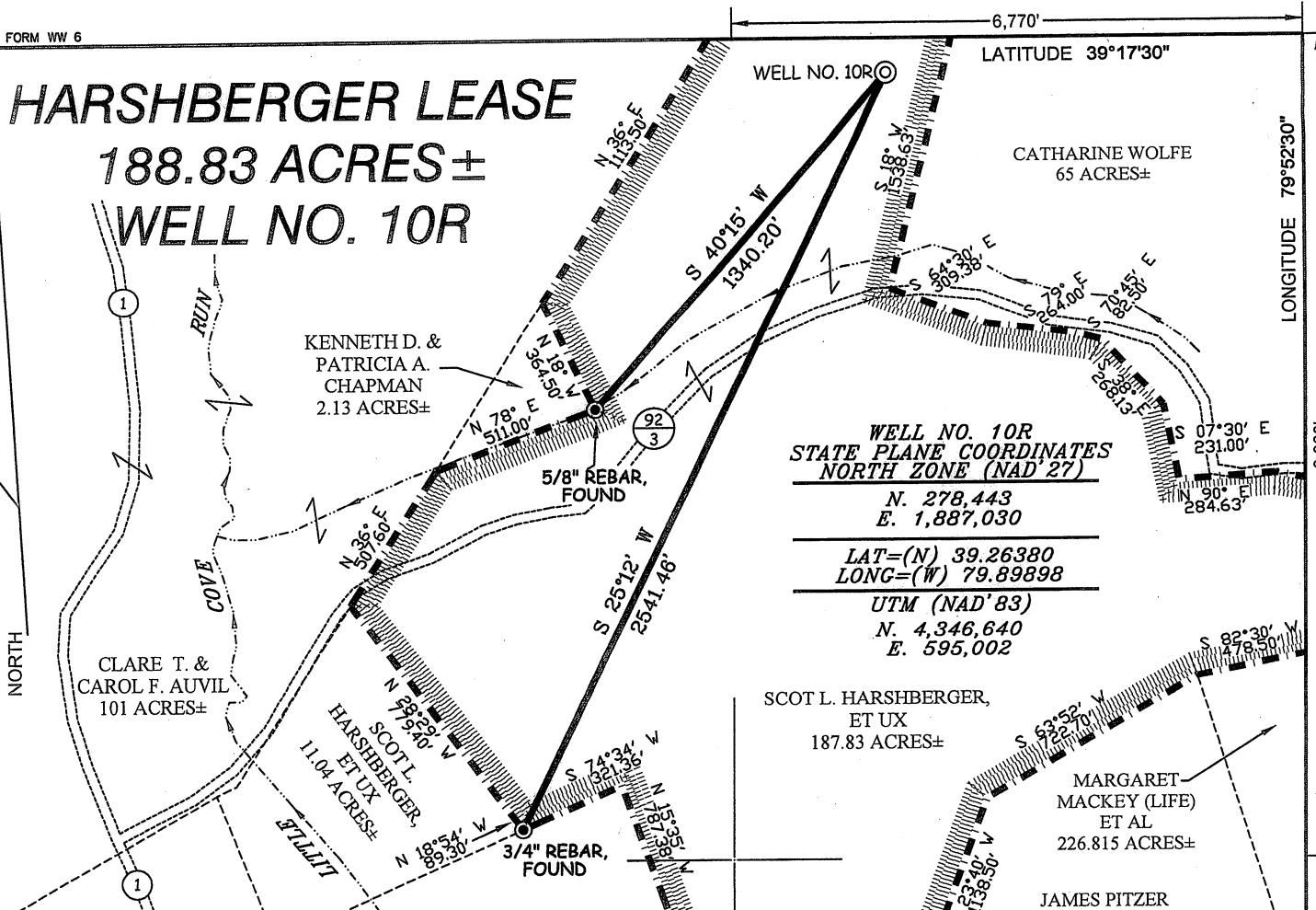


HARSHBERGER LEASE

188.83 ACRES±

WELL NO. 10R



WELL NO. 10R
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 278,443
 E. 1,887,030

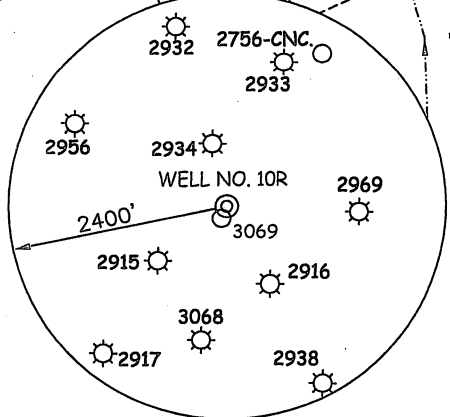
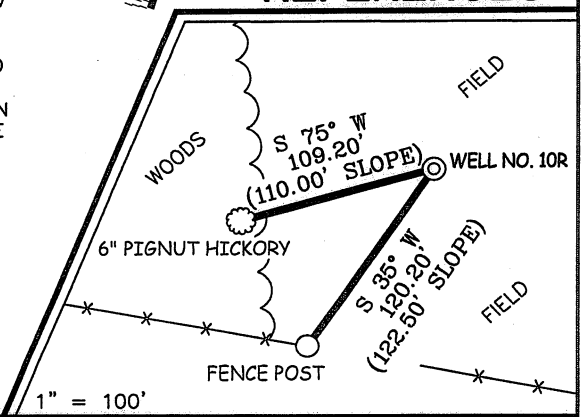
LAT=(N) 39.26380
 LONG=(W) 79.89898

UTM (NAD '83)
 N. 4,346,640
 E. 595,002

NOTES ON SURVEY

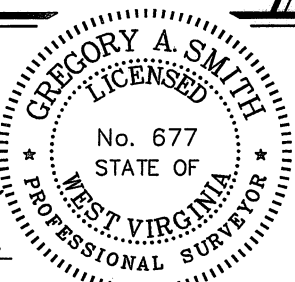
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 07/26/11.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 167 PAGE 277.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF BARBOUR COUNTY IN JULY, 2011.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

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. 677
Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JULY 27, 20 11
 OPERATORS WELL NO. HARSHBERGER #10R
 API WELL NO. 47 - 001 - 03258
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6641P10R2 (346-66)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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: ELEVATION 1,517' WATERSHED TRIBUTARY OF LITTLE COVE RUN
 DISTRICT COVE COUNTY BARBOUR QUADRANGLE THORNTON 7.5'

SURFACE OWNER SCOT L. HARSHBERGER, ET UX ACREAGE 187.83±
 ROYALTY OWNER SCOT L. HARSHBERGER, ET UX LEASE ACREAGE 188.83±

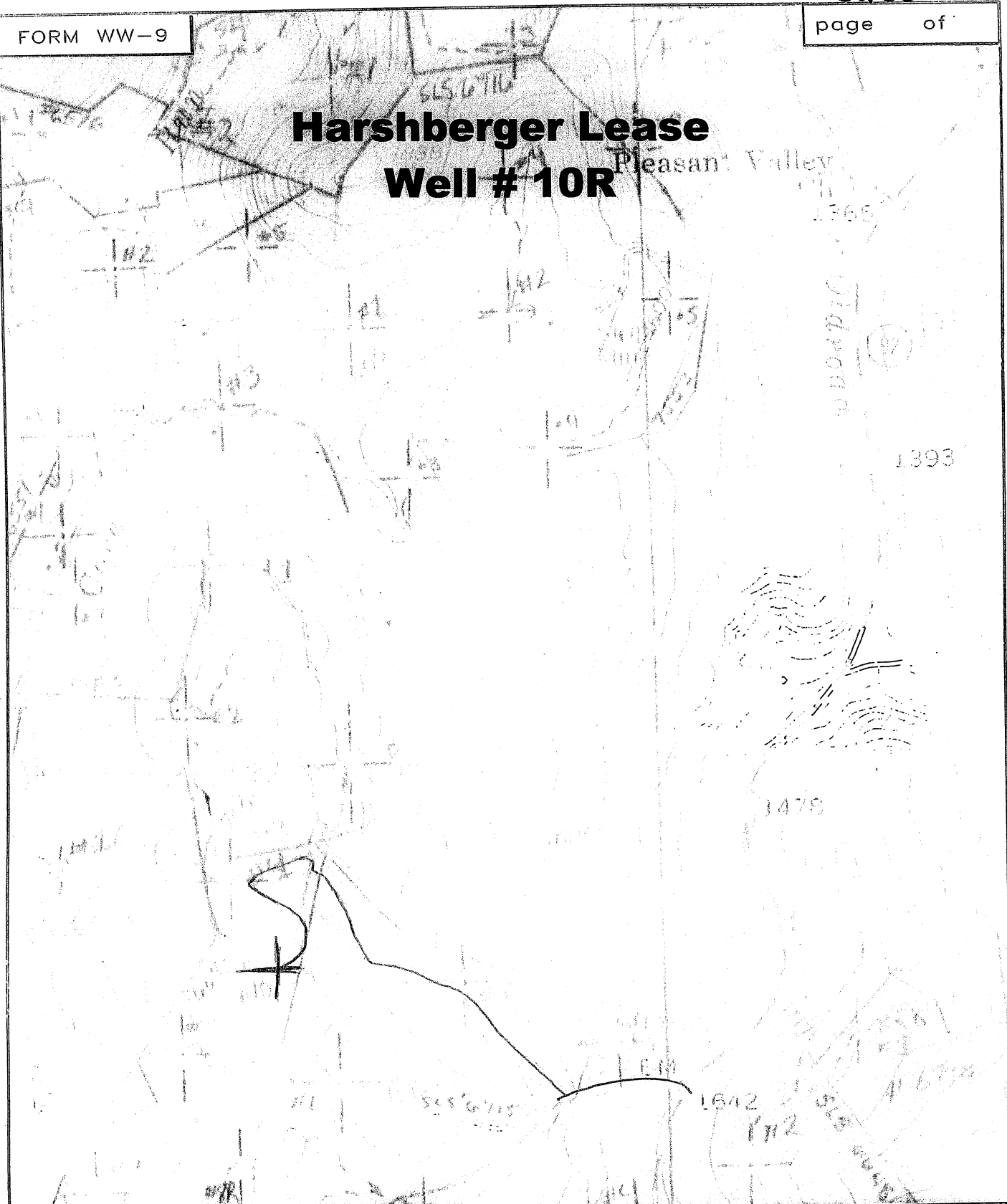
PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ELK
 ESTIMATED DEPTH 5,820'

WELL OPERATOR TEXAS KEYSTONE, INC. DESIGNATED AGENT JON FARMER
 ADDRESS 560 EPSILON DRIVE ADDRESS 139-B KILGORE ROAD
PITTSBURGH, PA 15238 SCOTT DEPOT, WV 25560

Harshberger Lease Well # 10R

Pleasant Valley



SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF *Thornton 7.5'*

FILE NO. *6641* DATE *7/27/11* SCALE *1" = 1000'*