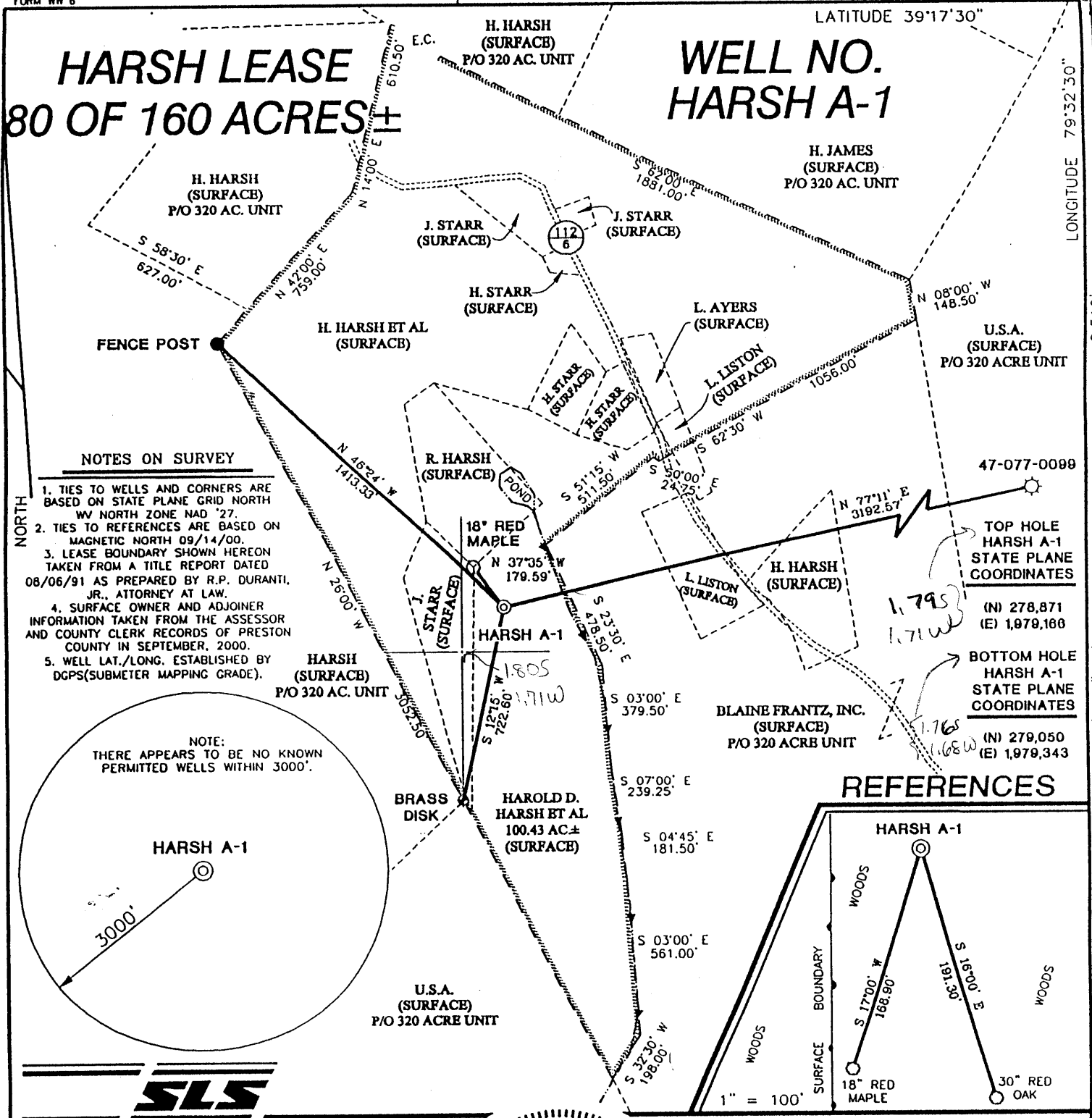


HARSH LEASE 80 OF 160 ACRES±

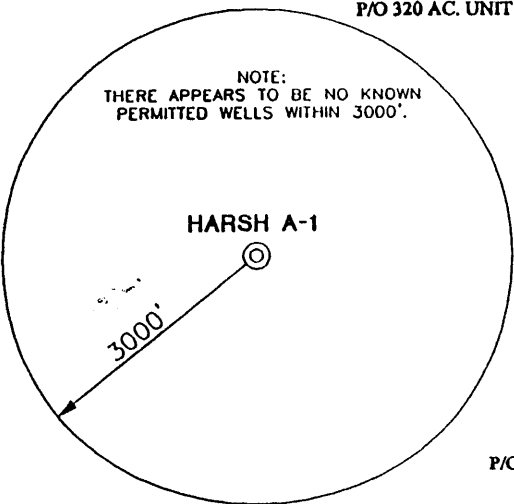
WELL NO. HARSH A-1



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09/14/00.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE REPORT DATED 08/06/91 AS PREPARED BY R.P. DURANTI, JR., ATTORNEY AT LAW.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF PRESTON COUNTY IN SEPTEMBER, 2000.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

NOTE:
THERE APPEARS TO BE NO KNOWN PERMITTED WELLS WITHIN 3000'.



47-077-0099

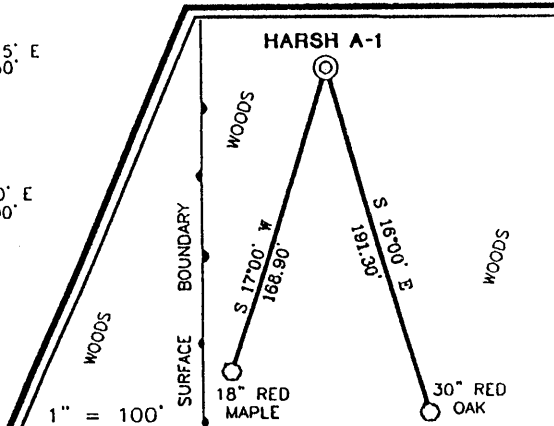
TOP HOLE
HARSH A-1
STATE PLANE
COORDINATES

(N) 278,871
(E) 1,979,160

BOTTOM HOLE
HARSH A-1
STATE PLANE
COORDINATES

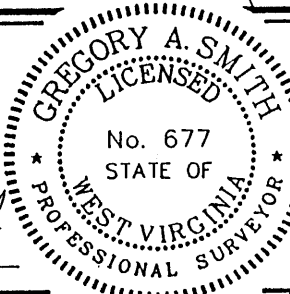
(N) 279,050
(E) 1,979,343

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 DEPARTMENT OF ENERGY.

P.S. 677 Gregory A. Smith



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

DATE SEPTEMBER 25, 2000

OPERATORS WELL NO. HARSH A-1

API WELL NO. 47-077-00324
STATE COUNTY PERMIT
directional (?)

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4512PA1 (93-71)

PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 2653' 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 2545' WATERSHED TRIBUTARY OF HORSESHOE RUN

DISTRICT UNION COUNTY PRESTON QUADRANGLE AURORA 7.5'

SURFACE OWNER HAROLD D. HARSH ET AL ACREAGE 100.43

ROYALTY OWNER MARY HARSH ET AL LEASE ACREAGE 80 OF 160 OF 320 ACRE UNIT

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 ORISKANY
ESTIMATED DEPTH 4848'

WELL OPERATOR MEGAENERGY OPERATIONS, INC. DESIGNATED AGENT MS. CARRY RANSON
ADDRESS 8501 E. DRY CREEK PLACE, ENGLEWOOD, CO 80112 ADDRESS 900 CORE ROAD PARKERSBURG, WV 26101

(headline 325)

COUNTY NAME PERMIT