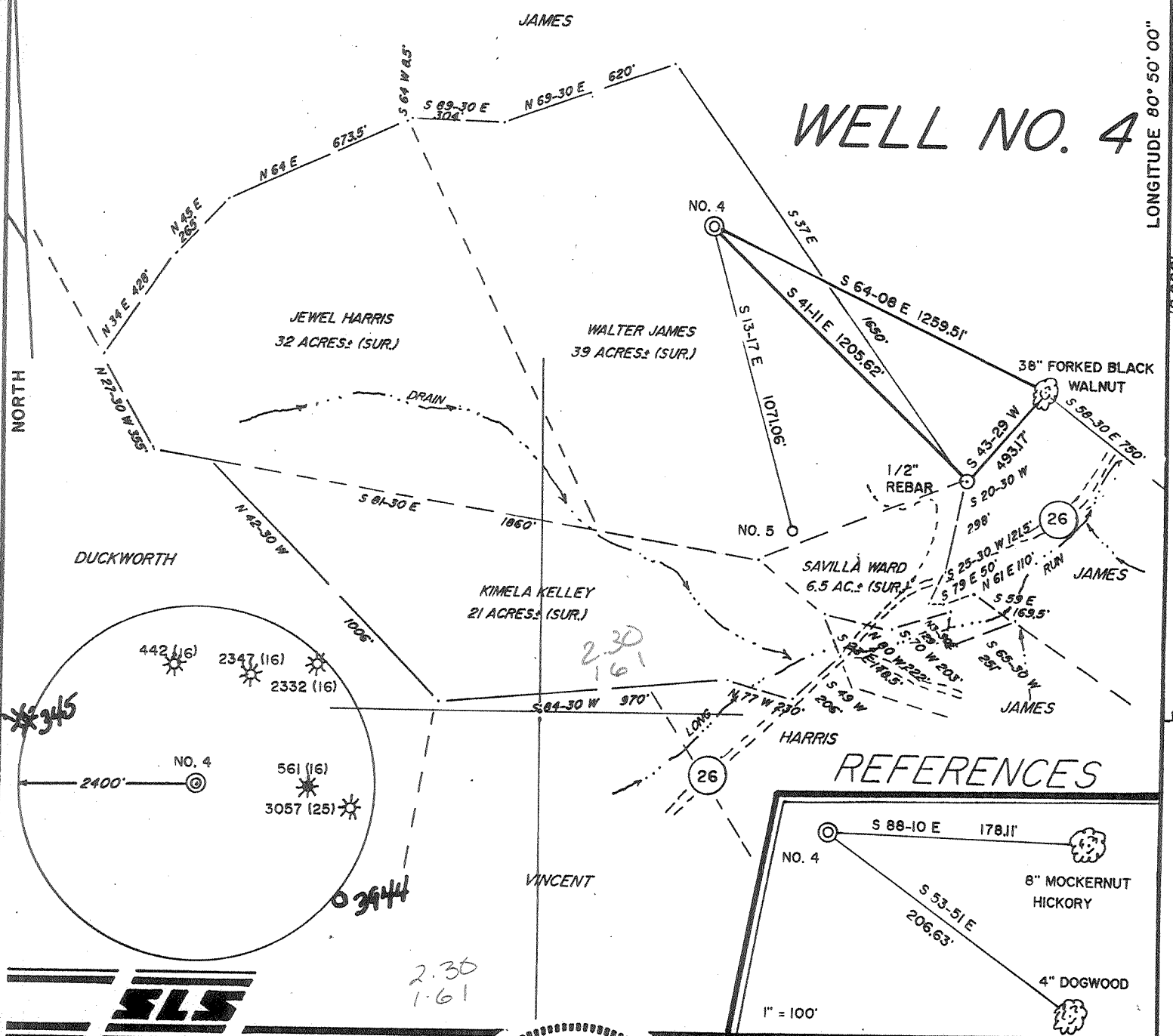


James
2/6/92

HARRIS LEASE P/10 187 ACRES±



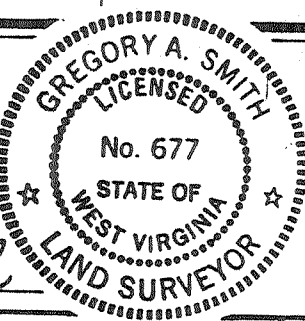
LONGITUDE 80° 50' 00"

12,082'



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.

L.L.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE OCTOBER 15, 19 91
 OPERATORS WELL NO. HARRIS NO. 4
 API WELL NO. 47-017-3945
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2439 (38-41)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 839' SCALE 1" = 500'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



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

LOCATION: ELEVATION 1011' WATERSHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER WALTER JAMES QUADRANGLE WEST UNION 7.5 d15
 ROYALTY OWNER DANIEL R. HARRIS HEIRS ET. AL. ACREAGE 39 COUNTY NAME SC

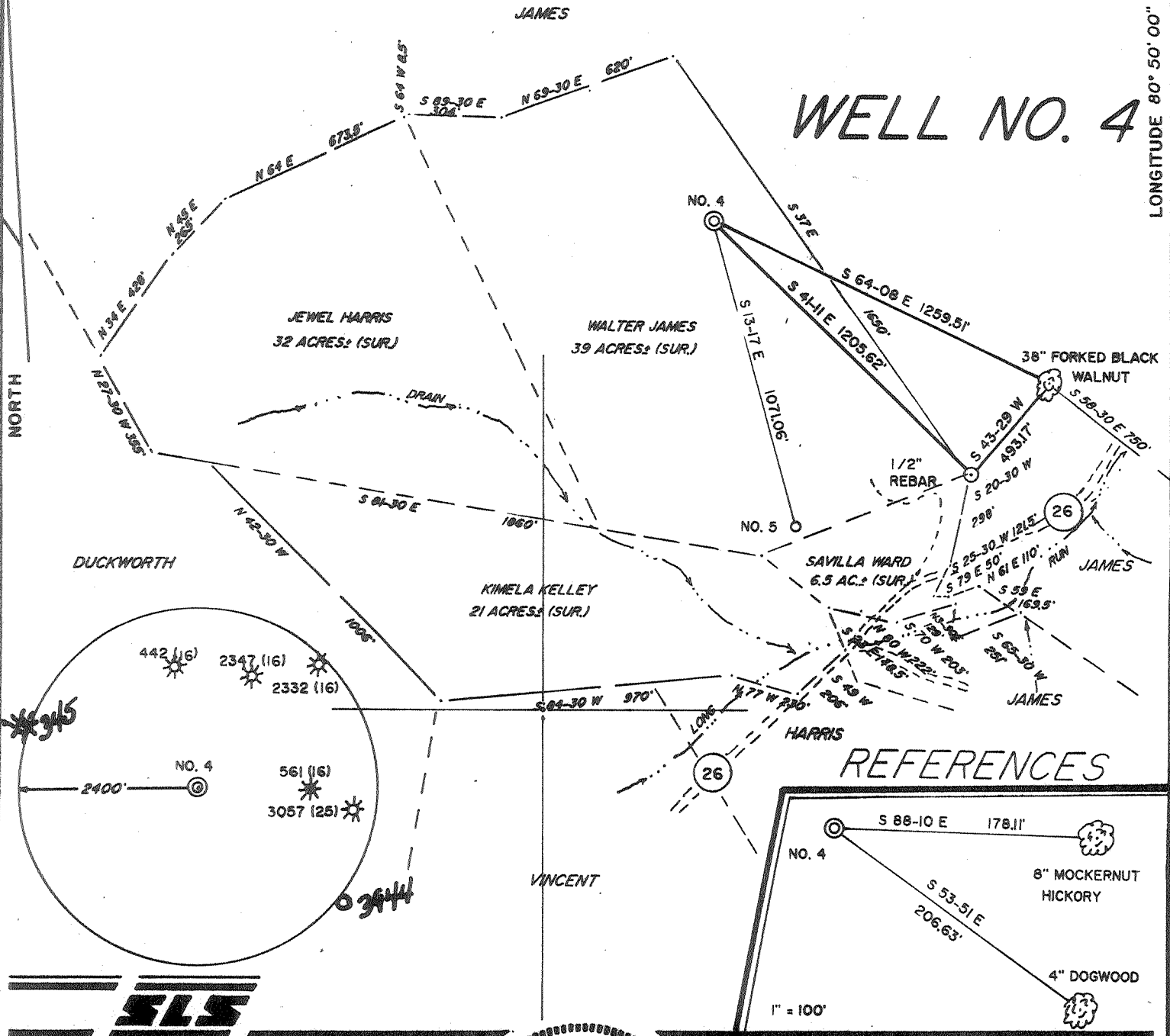
PROPOSED WORK: LEASE ACREAGE 39 OF 187 LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5900'

WELL OPERATOR DEVONIAN APPALACHIAN CO., Inc. 4518 DESIGNATED AGENT ROBERT ANDERSON
 ADDRESS RT. 1 BOX 114-B MINERAL WELLS, WV 26150 ADDRESS RT. 1 BOX 114-B MINERAL WELLS, WV 26150

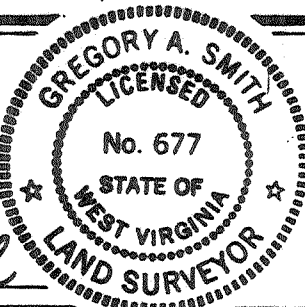
COUNTY NAME PERMIT

Janice
2/16/92

HARRIS LEASE P/0 187 ACRES±



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.




L.L.S. 677 Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE OCTOBER 15, 19 91
 OPERATORS WELL NO. HARRIS NO. 4
 API WELL NO. 47 - 017 - 3945
 STATE COUNTY PERMIT
Consult

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2439 (38-41)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 839' SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1011' WATERSHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER WALTER JAMES ACREAGE 39
 ROYALTY OWNER DANIEL R. HARRIS HEIRS ET. AL. LEASE ACREAGE 39 OF 187
 PROPOSED WORK: LEASE NO. _____
 DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5900'

WELL OPERATOR DEVONIAN APPALACHIAN CO., Inc. DESIGNATED AGENT ROBERT ANDERSON
 ADDRESS RT. 1 BOX 114-B MINERAL WELLS, WV 26150 ADDRESS RT. 1 BOX 114-B MINERAL WELLS, WV 26150

COUNTY NAME PERMIT
0000
3945