

LATITUDE 37°47'30"

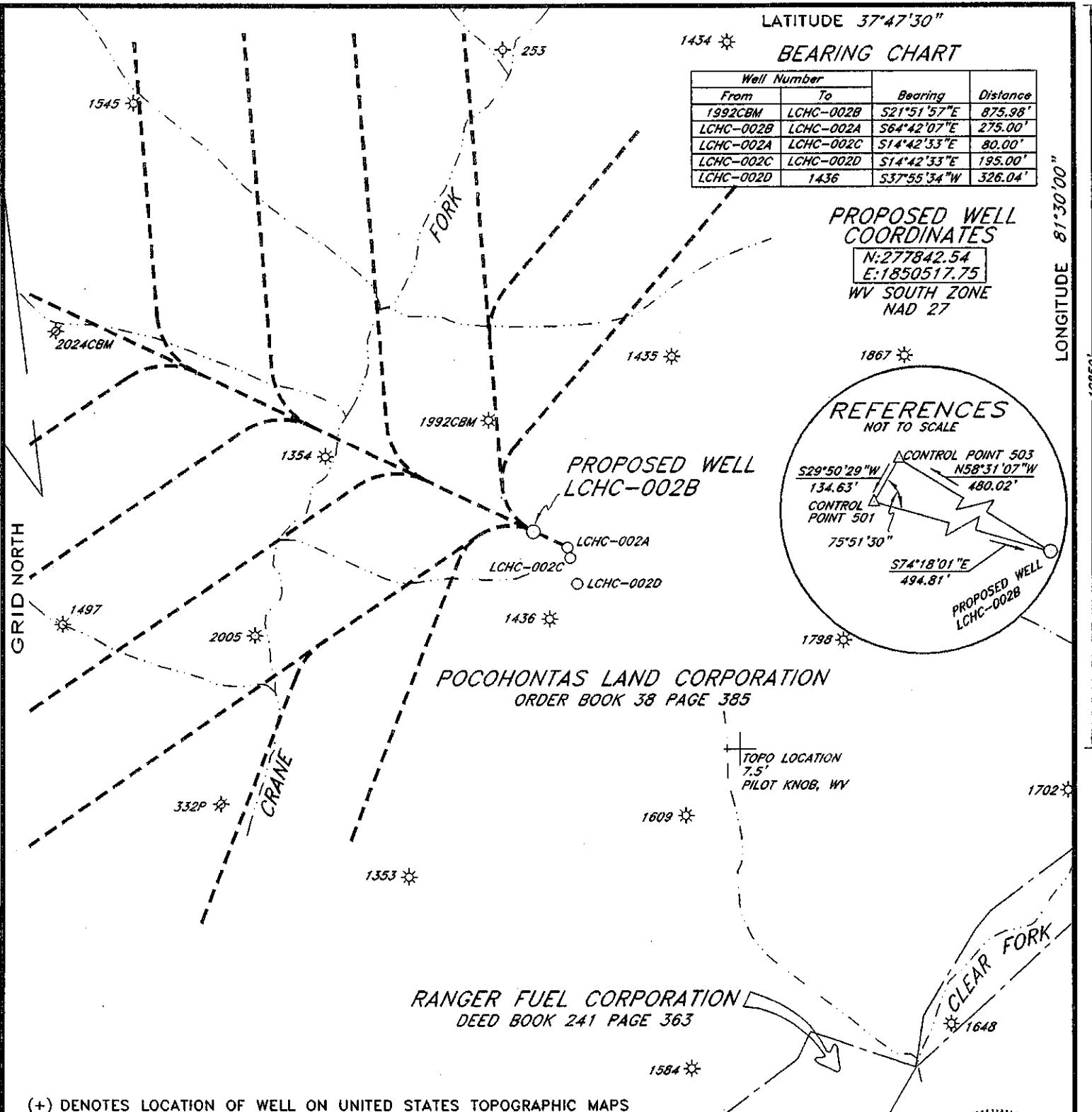
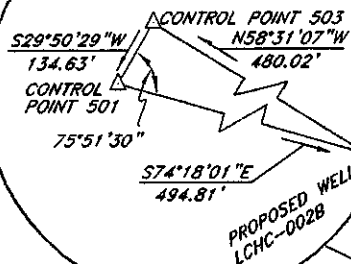
BEARING CHART

Well Number		Bearing	Distance
From	To		
1992CBM	LCHC-002B	S21°51'57"E	875.98'
LCHC-002B	LCHC-002A	S64°42'07"E	275.00'
LCHC-002A	LCHC-002C	S14°42'33"E	80.00'
LCHC-002C	LCHC-002D	S14°42'33"E	195.00'
LCHC-002D	1436	S37°55'34"W	326.04'

PROPOSED WELL COORDINATES

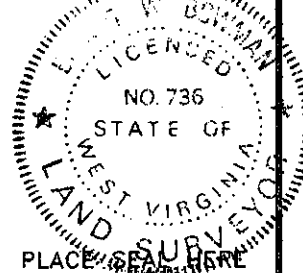
N: 277842.54
 E: 1850517.75
 WV SOUTH ZONE
 NAD 27

REFERENCES NOT TO SCALE



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:50000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. 4
 ELEVATION 2420.92

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.
 (SIGNED) [Signature]
 R.P.E. _____ L.L.S. 736



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

DATE OCTOBER 20, 2002
 OPERATOR'S WELL NO. LCHC-002B
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___

LOCATION: ELEVATION 2438.37 WATERSHED CRANE FORK OF CLEAR FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE PILOT KNOB, WV

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
 OIL & GAS ROYALTY OWNER PENNY VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 29500±
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR PENNY VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

FORM WV-6

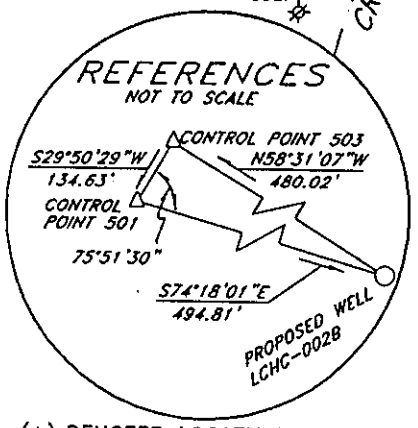
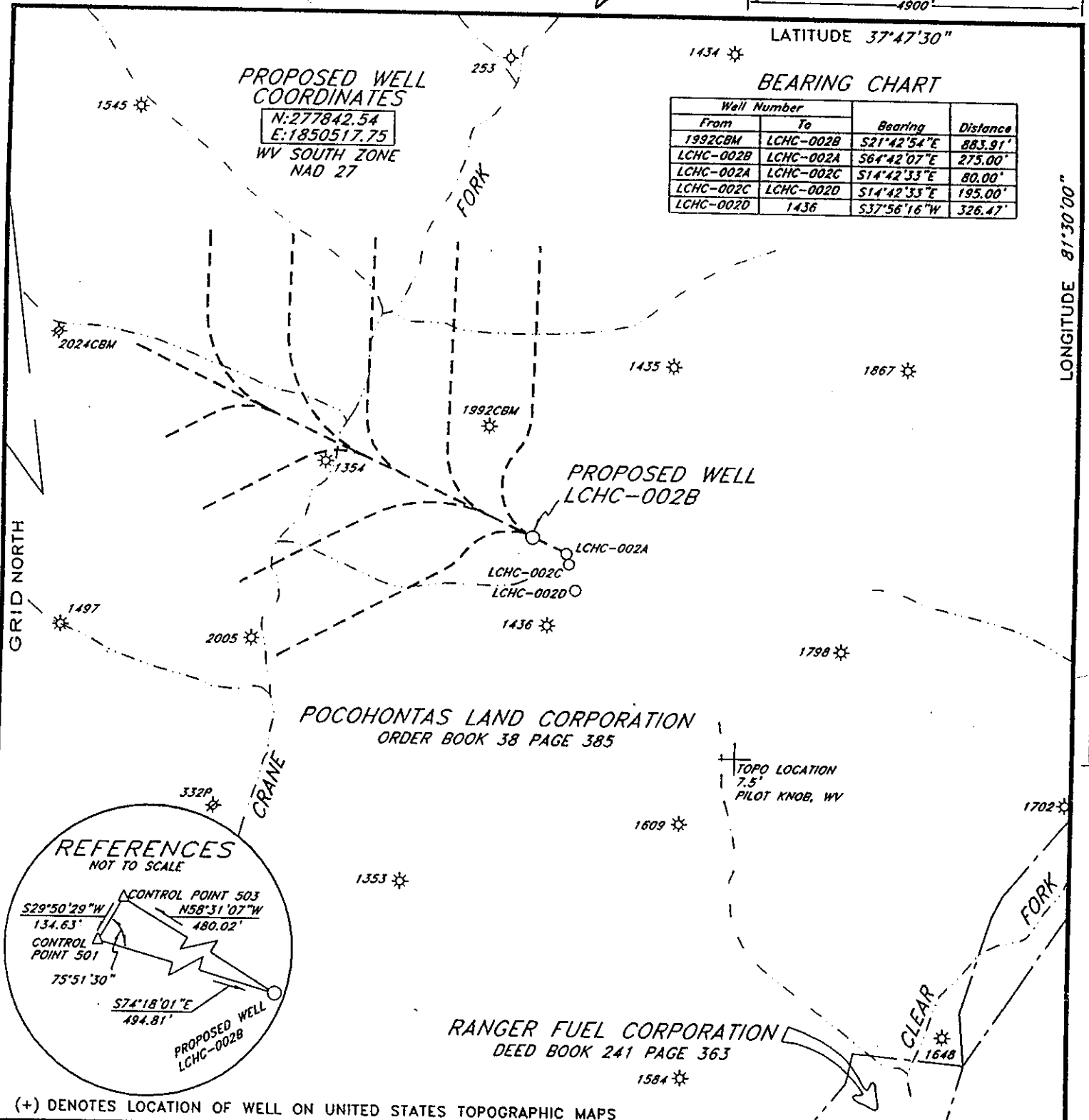
WV 2216 CANCEL

PROPOSED WELL COORDINATES

N:277842.54
E:1850517.75
WV SOUTH ZONE
NAD 27

LATITUDE 37°47'30"
BEARING CHART

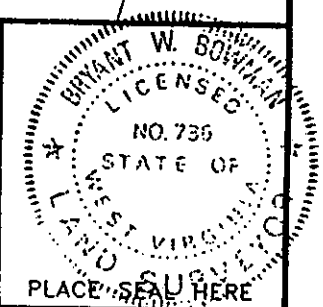
Well Number		Bearing	Distance
From	To		
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LCHC-002B	LCHC-002A	S64°42'07"E	275.00'
LCHC-002A	LCHC-002C	S14°42'33"E	80.00'
LCHC-002C	LCHC-002D	S14°42'33"E	195.00'
LCHC-002D	1436	S37°56'16"W	326.47'



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

FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1:50000
PROVEN SOURCE OF ELEVATION GPS DISK NO. 4
ELEVATION 2420.92

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.
(SIGNED) Bryan W. Bowman
R.P.E. _____ L.L.S. 736



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

DATE NOVEMBER 11, 2002
OPERATOR'S WELL NO. LCHC-002B
API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
STATE COUNTY PERMIT 47-109-02216C

LOCATION: ELEVATION 2438.37 WATERSHED CRANE FORK OF CLEAR FORK
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE PILOT KNOB, WV

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 29500±
LEASE NO. _____

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25915

LONGITUDE 81°30'00"

WYO 2216 C