

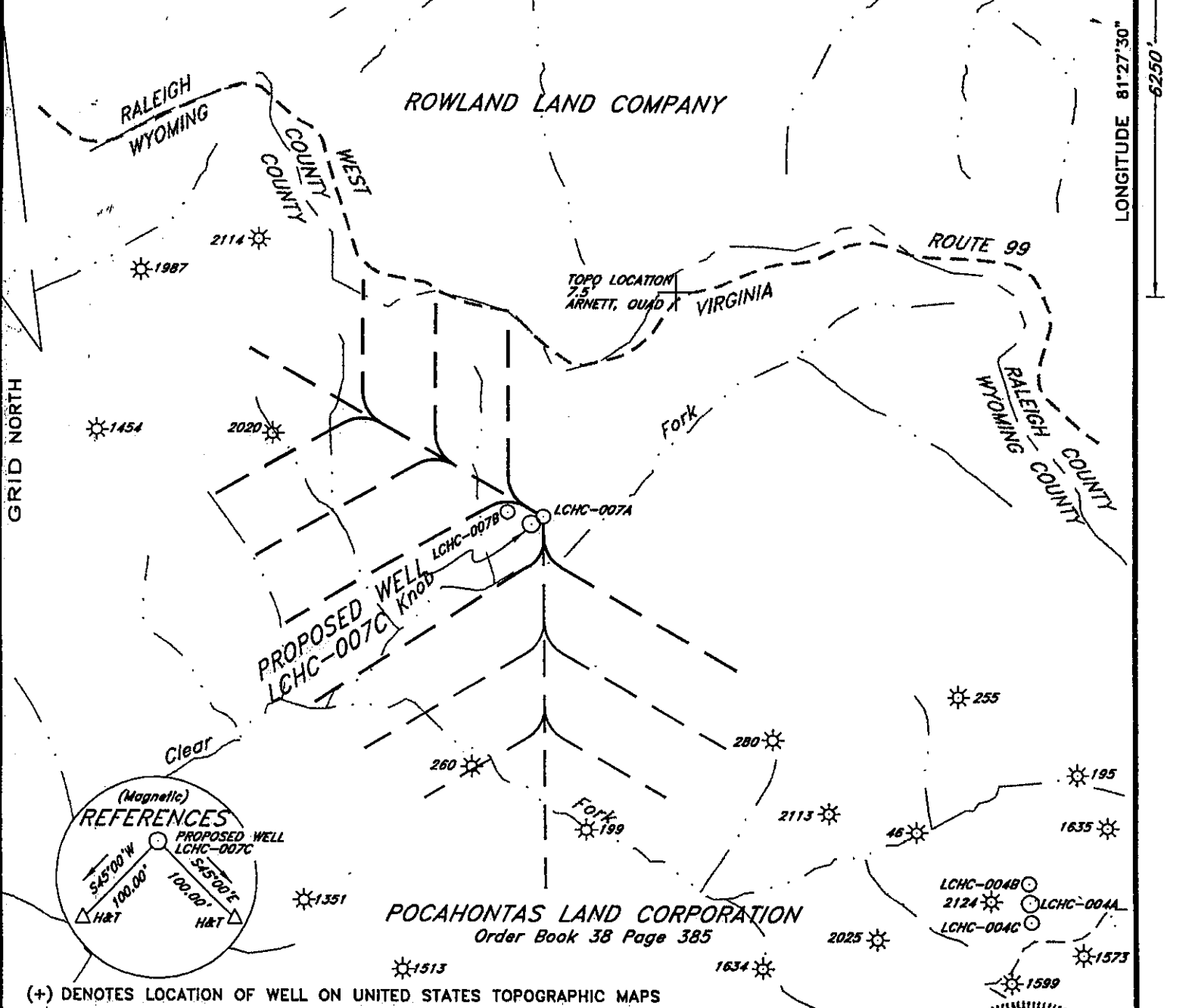
BEARING CHART

LATITUDE 37°47'30"

Well Number		Bearing	Distance
From	To		
2020	LCHC-007B	S71°33'57"E	3405.40'
LCHC-007B	LCHC-007A	S82°18'21"E	496.94'
LCHC-007A	LCHC-007C	S58°28'25"W	192.69'
LCHC-007C	280	S48°34'04"E	4414.78'

PROPOSED WELL COORDINATES

N: 282371.24
E: 1861234.77
WV SOUTH ZONE
NAD 27

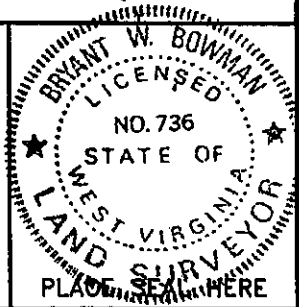


POCAHONTAS LAND CORPORATION
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1"=2000'
MINIMUM DEGREE OF ACCURACY 1:40000
PROVEN SOURCE OF ELEVATION GPS DISK NO. L
2735.48'

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) Bryant W. Bowman
R.P.E. _____ L.L.S. 736



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



DATE JULY 27, 2004
OPERATOR'S WELL NO. LCHC-007C
API WELL NO.

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

47 - 109 - 02406C
STATE COUNTY PERMIT
SEP 24 2004

LOCATION: ELEVATION 2440.54' WATERSHED CLEAR FORK
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE ARNETT, WV

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 30000±
OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 30000±
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 Beckley Coal ESTIMATED DEPTH 1625

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 25913

LONGITUDE 81°27'30"

COUNTY NAME WYO

PERMIT 2406 C

FORM WV-8