

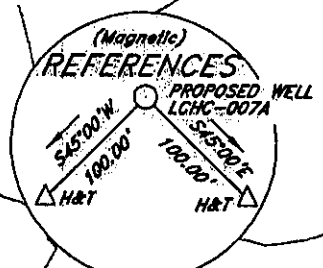
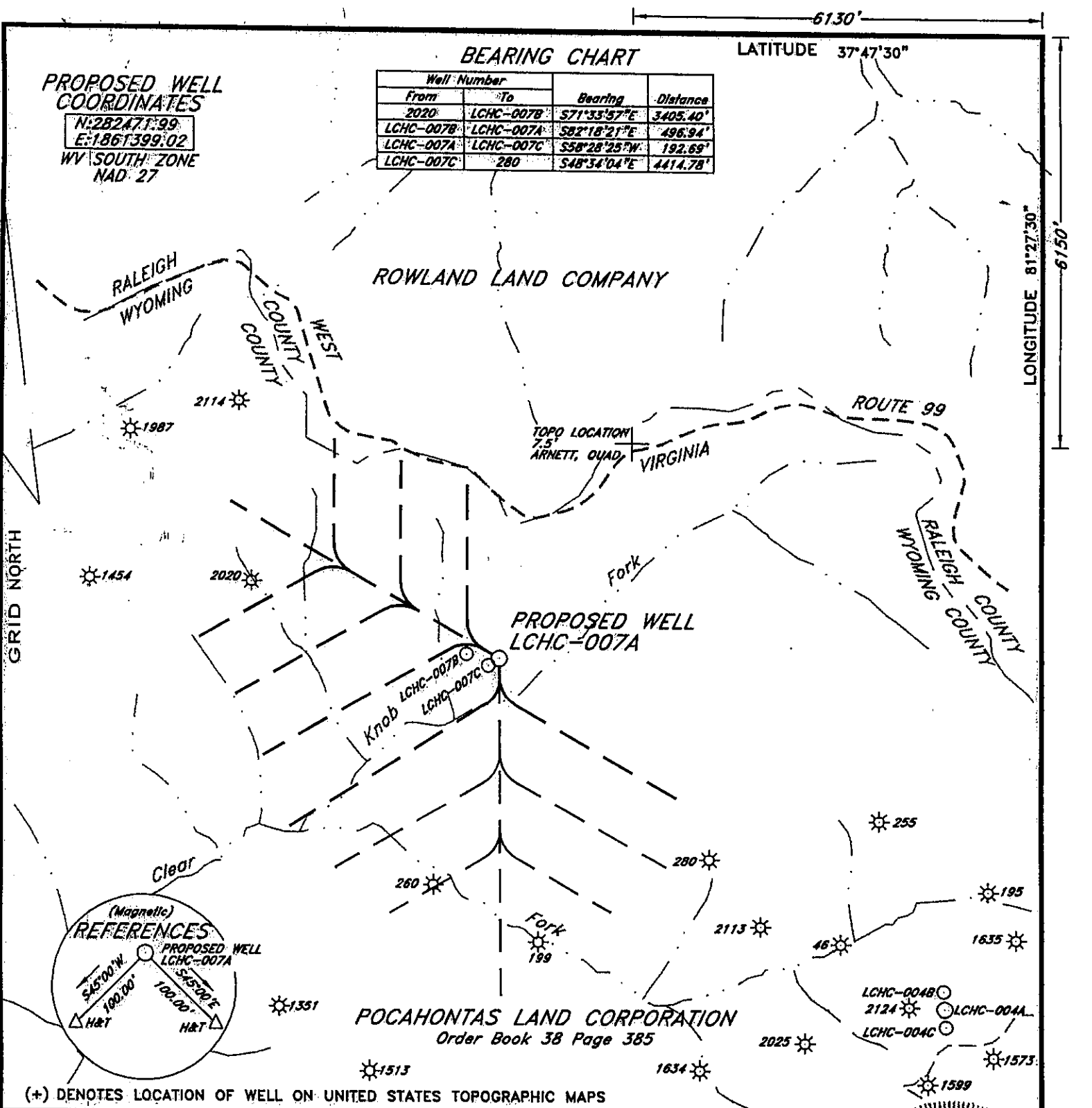
BEARING CHART

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: 282471.99  
E: 1861399.02  
WV SOUTH ZONE  
NAD 27

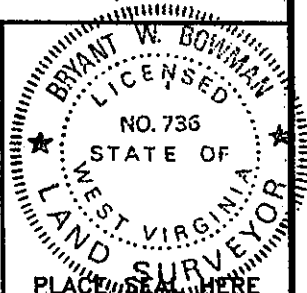


POCAHONTAS LAND CORPORATION  
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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-007A  
API WELL NO.

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

STATE COUNTY PERMIT  
47 109 02404C  
SEP 24 2004

LOCATION: ELEVATION 2449.08' 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 Beekmantown Coal ESTIMATED DEPTH 1600

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

COUNTY NAME WYO PERMIT 2404C

FORM WV-6