

BEARING CHART

Well Number		Bearing	Distance
From	To		
2124	LCHC-004B	N64°27'08"E	574.30'
LCHC-004B	LCHC-004A	S03°19'21"E	273.40'
LCHC-004A	LCHC-004C	S03°23'34"E	272.87'
LCHC-004C	1573	S57°06'45"E	845.40'

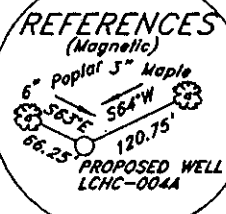
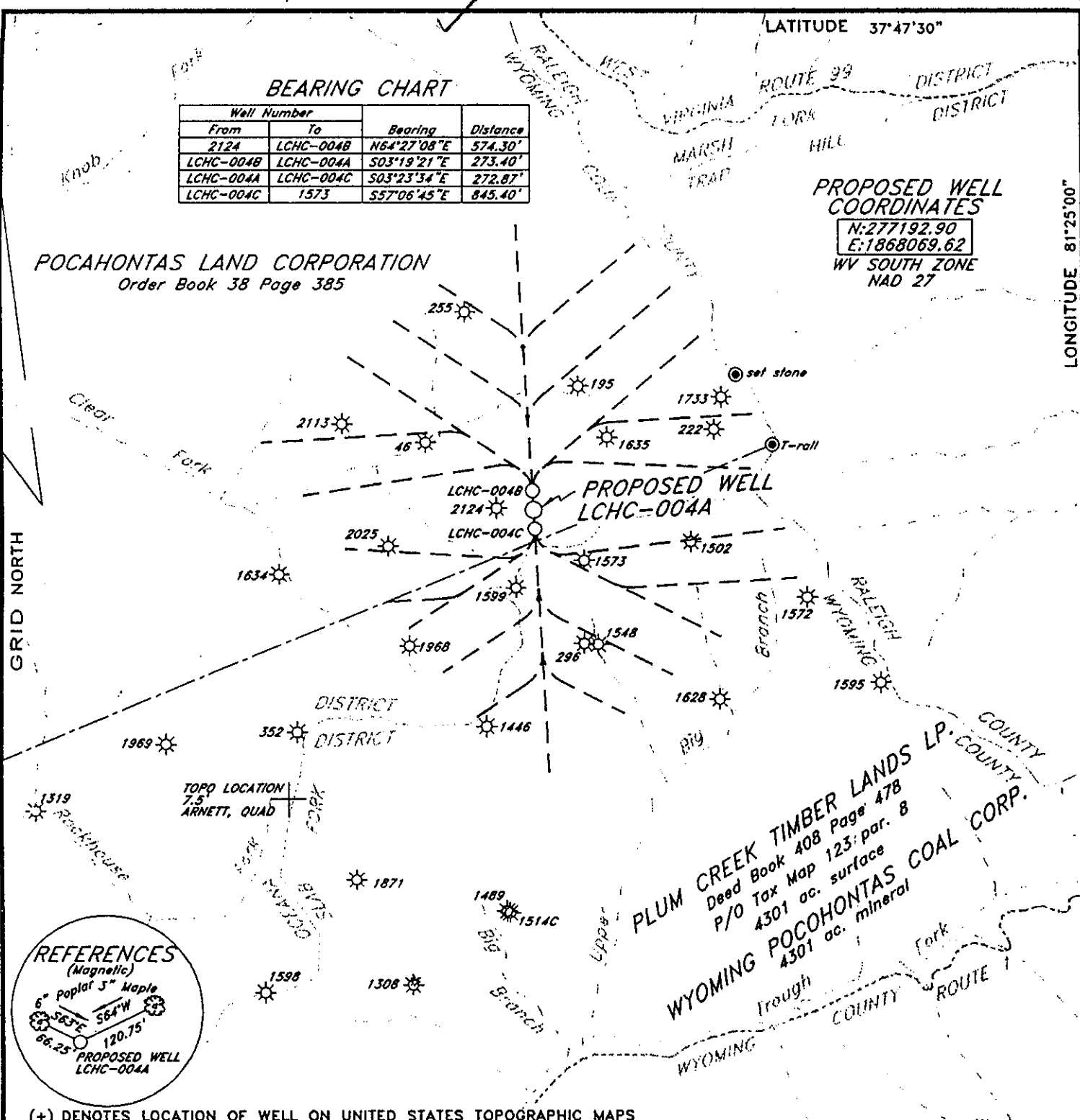
PROPOSED WELL COORDINATES
 N: 277192.90
 E: 1868069.62
 WV SOUTH ZONE
 NAD 27

POCAHONTAS LAND CORPORATION
 Order Book 38 Page 385

GRID NORTH

005218 3DU1IGN01

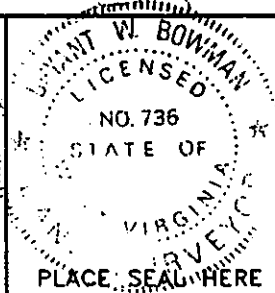
06511



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:17000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. M
 2850.77'

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 Bowman
 R.P.E. _____ L.L.S. 736



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

DATE NOVEMBER 17, 2003
 OPERATOR'S WELL NO. LCHC-004A
 API WELL NO. 47-109-02363-C
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 2814.64' 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 Rockley Coals ESTIMATED DEPTH 1675

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

FORM WW-6

COUNTY NAME WYO

PERMIT 2363-C

60 (248)

State of West Virginia
Division of Environmental Production
Section of Oil and Gas
Well Operator's Report of Well Work

bob

Farm Name Pocahontas Land Corporation

Operator Well No.: LCHC-004A

LOCATION: Elevation: 2814.64

Quadrangle: Arnett 7 1/2'

District: Oceana County: Wyoming
Latitude: 11390 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude: 11480 Feet West of 81 Deg. 25 Min. 00 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110 Kingsport, TN 37660	16"	70'	70'	0
Agent: Harry Jewell	9 5/8"	364'	364'	177
Inspector: Ralph Triplett	7"	1456'	1456'	283
Date Permit Issued: 01/09/2004				
Date Well Work Commenced: 02/16/2004				
Date Well Work Completed: 03/04/2004				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 1,678				
Fresh Water Depth (ft):				
Salt Water Depth (ft):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft):				

OPEN FLOW DATA

Producing formation Production via the LCHC-004B&C Pay zone depth (ft) 1678'
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

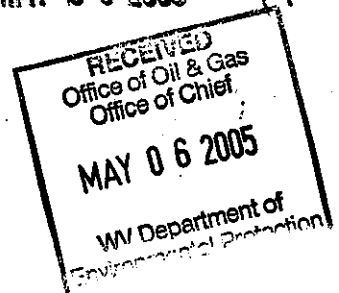
Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANE, TEC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

Michael E. Stamper
By: MICHAEL E. STAMPER
Date: 4/3/2005

MAY 20 2005



WYO 2363 C

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sandstone/Shale/Coal	0	1918	
Coal (Lower Beckley)	1918		TVD 1678 Turned Horizontal in Coal