

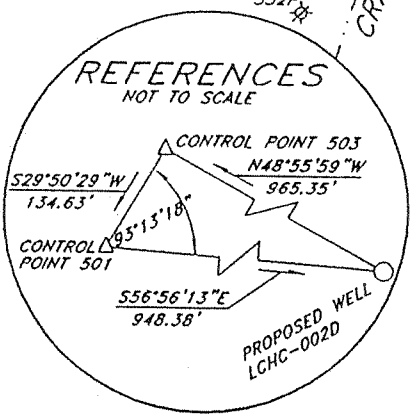
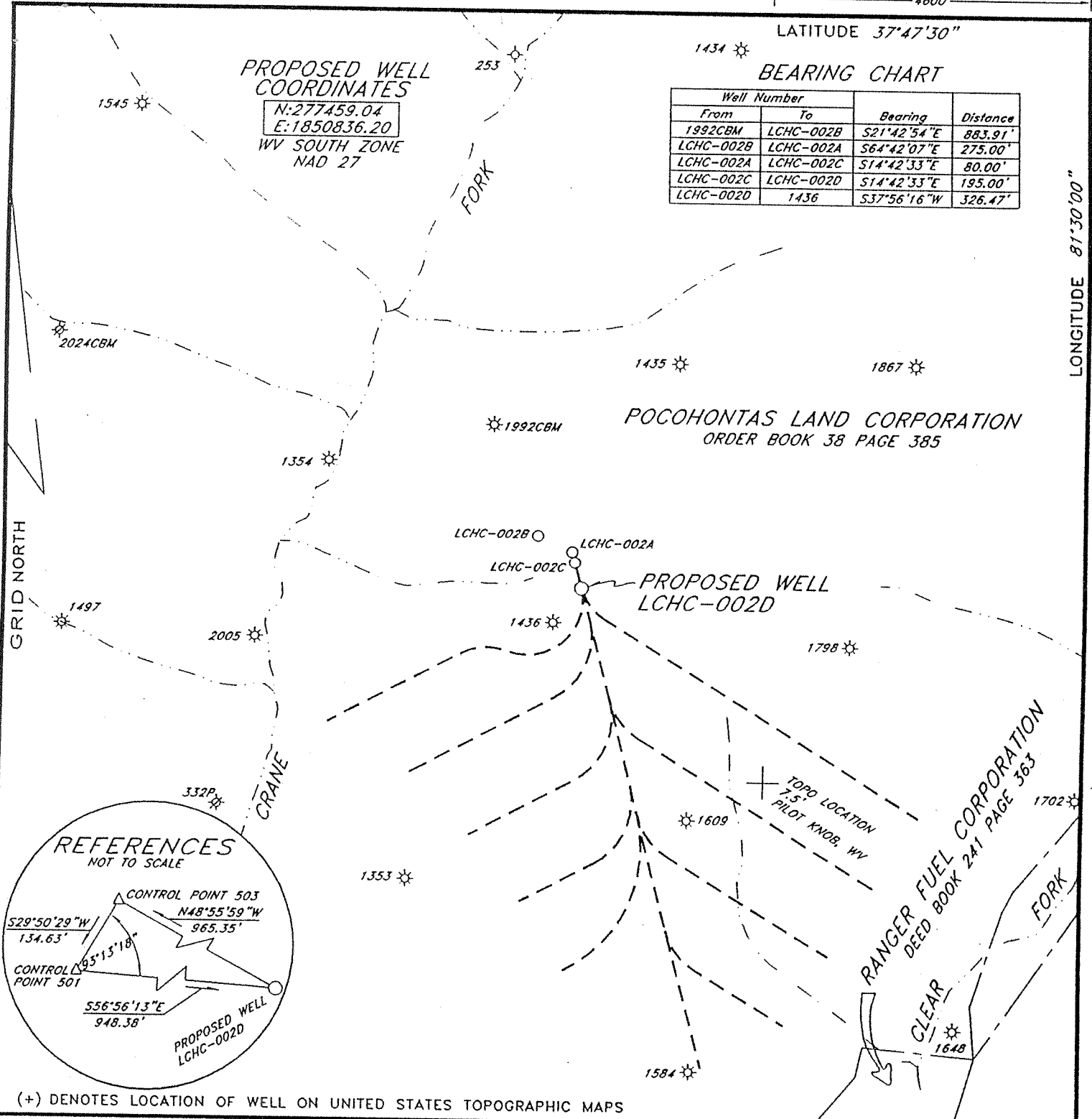
LATITUDE 37°47'30"

BEARING CHART

Well Number		Bearing	Distance
From	To		
1992CBM	LCHC-002B	S21°42'54"E	883.91'
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'

PROPOSED WELL COORDINATES

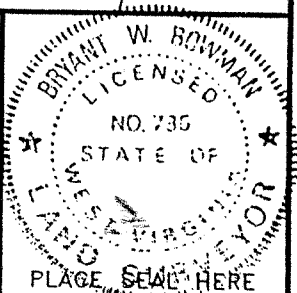
N: 277459.04
E: 1850836.20
WV SOUTH ZONE
NAD 27



(+) 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) Bryant W. Rowman
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-002D
API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 2461.09 WATERSHED CRANE FORK OF CLEAR FORK
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE PILOT KNOB, WV

47 - 109 - 02218C
STATE COUNTY PERMIT

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 KINGSFORD, TN 37660 ADDRESS PO BOX 460 RAVENCLIFF, WV 25913

JAN 10 2003

(McGraw 248)

FORM WV-6

LONGITUDE 81°30'00"

WV0 2218C

AP

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

Farm Name Pocahontas Land Corporation

Operator Well No.: LCHC-002D

LOCATION: Elevation: 2461.09

Quadrangle: Pilot Knob 7 1/2'

District: Oceana County: Wyoming
Latitude: 11250 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude: 4600 Feet West of 81 Deg. 30 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	12 3/4"	22'	22'	0
Kingsport, TN 37660	9 5/8"	316'	316'	
Agent: Harry Jewell	7"	1594'	1594'	
Inspector: Ronald Scott				
Date Permit Issued: 01/06/2003				
Date Well Work Commenced: 01/07/2003				
Date Well Work Completed: 05/03/2003				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 1,834				
Fresh Water Depth (ft):				
Salt Water Depth (ft):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft): 239.0-241.5, 477.5-480.5, 504.5-506.5, 1148.5-1150.5, 1248.0-1250.0, 1602.5-1604.5, 1818.0				

RECEIVED
Office of Oil & Gas

JAN 30 2004

WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation Lower Beckley & Penn Coals (Production via LCHC-002A) 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

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 D. Dampier

By:

Date: 1/28/2004

FEB 13 2004

WVOM. 2218 C

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

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sandstone & Shale	0	239	239
Coal	239	241.5	
Sandstone & Shale	241.5	477.5	
Coal	477.5	480.5	
Sandstone & Shale	480.5	504.5	
Coal	504.5	506.5	
Sandstone & Shale	506.5	1148.5	
Coal	1148.5	1150.5	
Sandstone & Shale	1150.5	1248	
Coal	1248	1250	
Sandstone & Shale	1250	1602.5	
Coal	1602.5	1604.5	
Sandstone & Shale	1604.5	1818	
Coal	1818		