

PROPOSED WELL COORDINATES

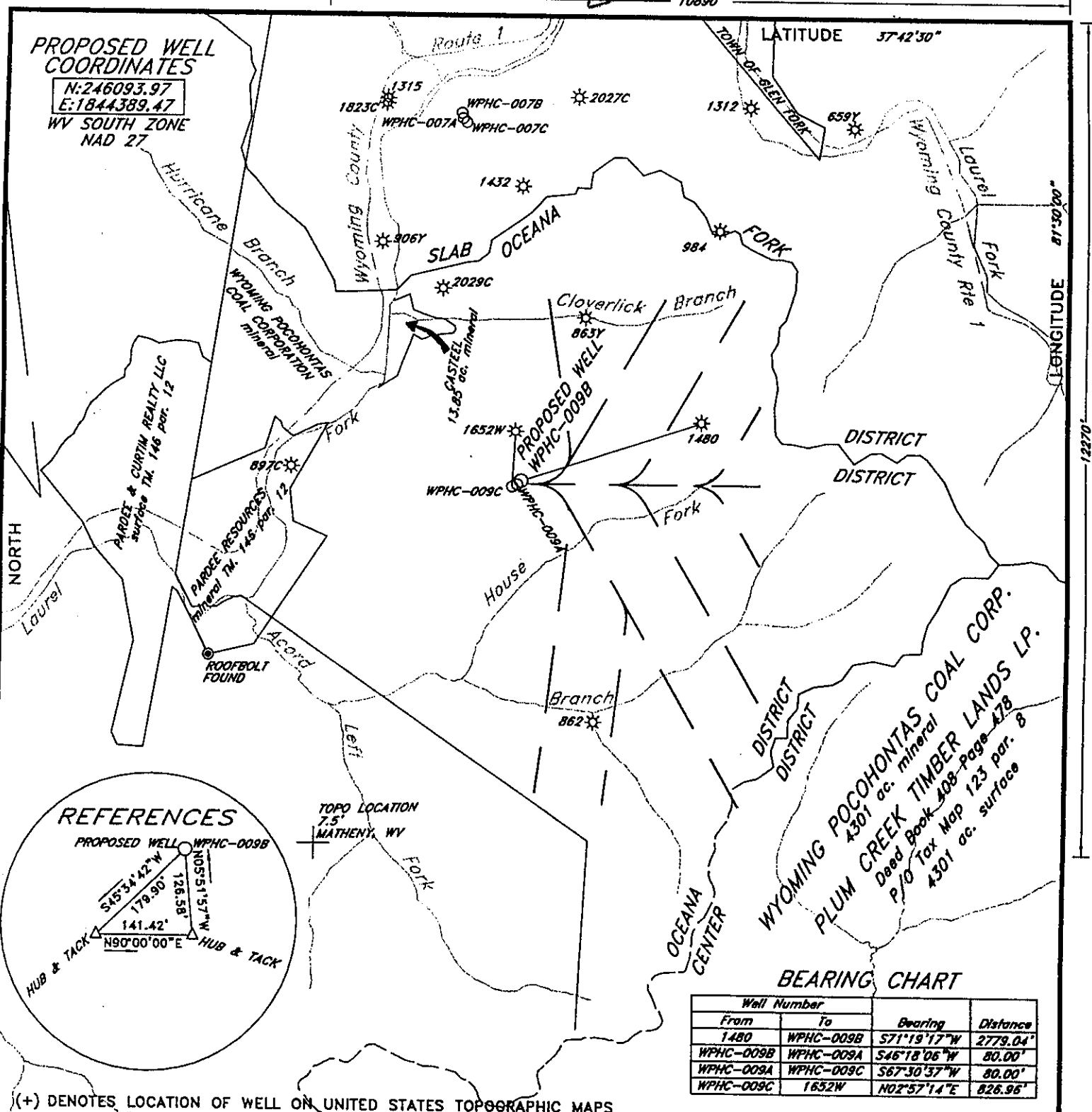
N:246093.97

E:1844389.47

WV SOUTH ZONE
NAD 27

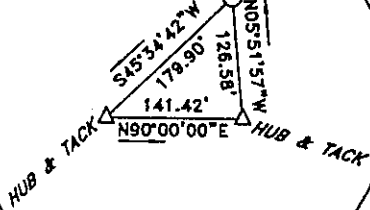
10890'

LATITUDE 37°42'30"



REFERENCES

PROPOSED WELL WPHC-009B



BEARING CHART

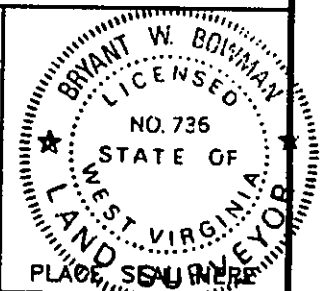
Well Number		Bearing	Distance
From	To		
1480	WPHC-009B	S71°19'17"W	2779.04'
WPHC-009B	WPHC-009A	S46°18'06"W	80.00'
WPHC-009A	WPHC-009C	S67°30'37"W	80.00'
WPHC-009C	1652W	N02°57'14"E	826.95'

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:20000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. 1
 ELEVATION 2347.149

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 AUGUST 6, 2003
 OPERATOR'S WELL NO. WPHC-009B
 API WELL NO. _____

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

47 - 109 - 02329C
 STATE COUNTY PERMIT

LOCATION: ELEVATION 2194.19' WATERSHED HOUSE FORK OF ACCORD BRANCH OF LAUREL FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE MATHENY, WV

SURFACE OWNER PLUM CREEK TIMBER LANDS LP. 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 _____ ESTIMATED DEPTH 1450

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 5329C

State of West Virginia
Division of Environmental Production
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name Georgia Pacific Corporation

Operator Well No.: WPHC-009B

LOCATION: Elevation: 2194.19

Quadrangle: Matheny 7 1/2'

District: Oceana County: Wyoming
Latitude: 12270 Feet South of 37 Deg. 42 Min. 30 Sec.
Longitude: 10890 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	13 3/8"	26'	26'	21
Kingsport, TN 37660	9 5/8"	232'	232'	90
Agent: Harry Jewell	7"	1192'	1192'	170
Inspector: Ralph Triplett	2 7/8"	1409'	1409'	0
Date Permit Issued: 09/22/2003				
Date Well Work Commenced: 09/30/2003				
Date Well Work Completed: 07/17/2004				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 1,447				
Fresh Water Depth (ft):				
Salt Water Depth (ft):				
Is coal being mined in area (N/Y)?				
Coal Depths (ft):				

OPEN FLOW DATA

Producing formation Lower Beckley & Poca 6 Coals Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 700 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure 250 psig (surface pressure) after 144 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:

By: Michael E. Stanger
Date: 12/09/2004



WYO 2329 C

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

<u>FORMATIONS</u>	<u>TOP (TVD)</u>	<u>BOTTOM (TVD)</u>	<u>REMARKS</u>
Sandstone, Shale & Coal	0	1234.64	
Lower Beckley Coal w/Shale	1234.64	1239.4	Drilled Horizontal
Sandstone & Shale & coal	1239.4	1389.92	
Pocahontas #6 Coal	1389.92	1390.92	Drilled Horizontal