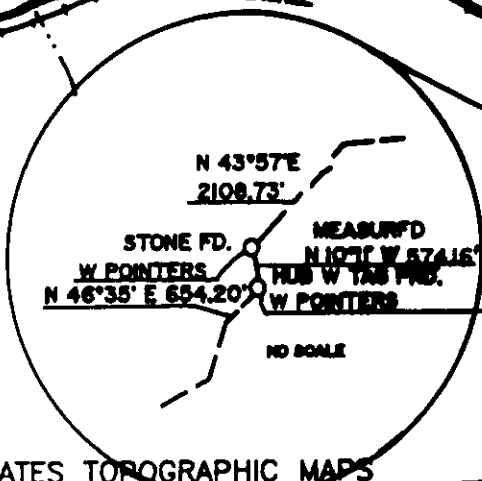
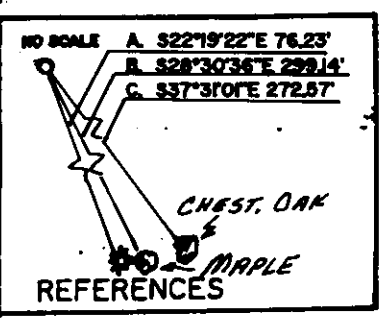


Final 5/26/95 8/20/97

LATITUDE 37°45'00" 5900'

Plat is not showing API No. To be Revised later.

GEORGIA PACIFIC CORPORATION
DEED BOOK 213 PAGE 411

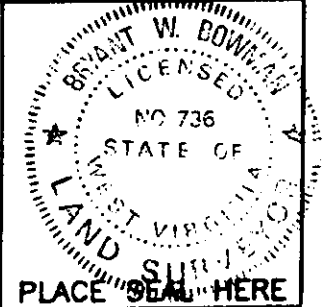


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No _____
DRAWING No _____
SCALE 1"=4000'
MINIMUM DEGREE OF ACCURACY 1:2500
PROVEN SOURCE OF ELEVATION USGS BM A-181
ELE. 1794

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION

(SIGNED) *[Signature]*
R.P.E. _____ R.P.S. 736



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
NIRTO, WEST VIRGINIA

DATE 03-16 19 95
OPERATOR'S WELL No. 6C-261
API WELL No. 47

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

STATE COUNTY PERMIT
109-01654-C
Formerly 109-01509C
Cancelled

LOCATION: ELEVATION 2365 WATER SHED TROUGH FORK
DISTRICT SLAB FORK COUNTY WYOMING
QUADRANGLE MCGRAW'S 7.5'

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACERAGE 6266±
OIL & GAS ROYALTY OWNER WYOMING POCAHONTAS LAND CO., INC. LEASE ACERAGE 30582±
LEASE No _____

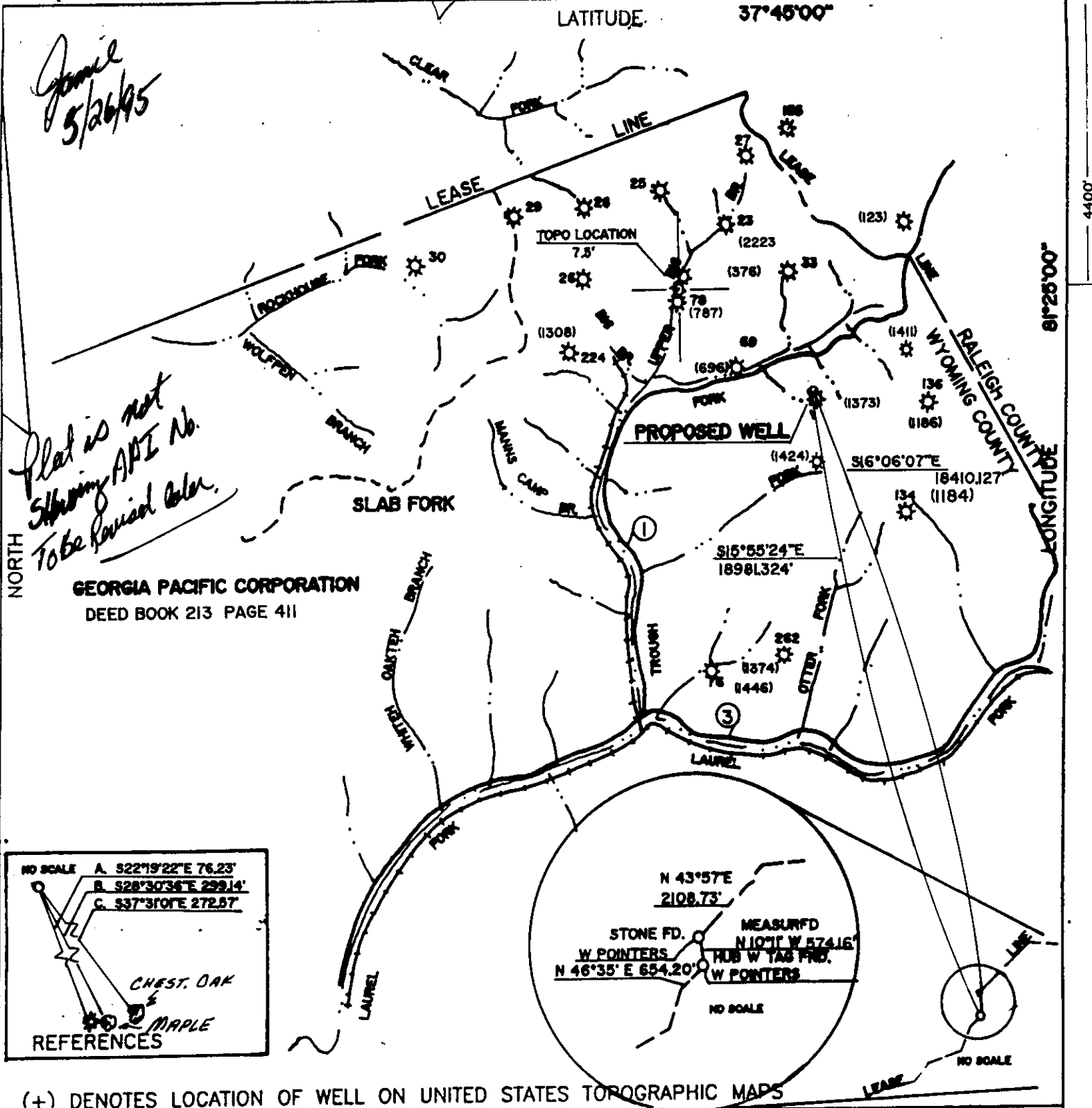
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 4-4 248

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION SEWELL, BECKLEY, POCA 1550, 1600
WELL OPERATOR PENN VIRGINIA OIL & GAS CORP. DESIGNATED AGENT DANA BLACKSHIRE
ADDRESS 999 EXECUTIVE PARK BLVD. SUITE 300 ADDRESS PO BOX 460
RAVENHILL WV

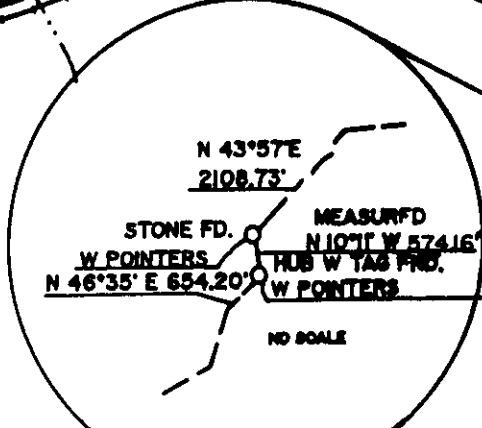
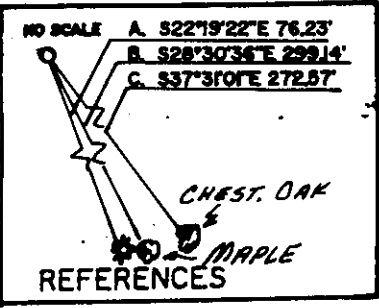
4400' 81°25'00" LONGITUDE 1509-CANC.

Final
5/26/95

Plat is not
showing API No.
To be revised later.



GEORGIA PACIFIC CORPORATION
DEED BOOK 213 PAGE 411

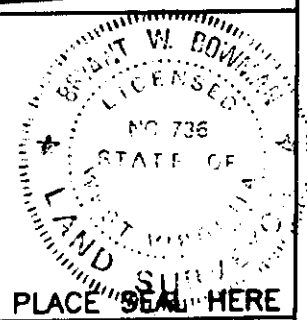


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No _____
DRAWING No _____
SCALE $\Gamma=4000'$
MINIMUM DEGREE OF ACCURACY ± 2500
PROVEN SOURCE OF ELEVATION USGS BM A-101
ELE. 1794

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION

(SIGNED) *Dana Blackshire*
R.P.E. _____ R.P.S. 736



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
NIRTO, WEST VIRGINIA

DATE 03-16 19 95
OPERATOR'S WELL No. 6C-261
API WELL No. 47 109 01509-C

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 2365 WATER SHED TROUGH FORK
DISTRICT SLAB FORK COUNTY WYOMING ROW: 109 1654
QUADRANGLE MCGRAWS 7.5'

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACERAGE 6266±
OIL & GAS ROYALTY OWNER WYOMING POCAHONTAS LAND CO., INC. LEASE ACERAGE 3058±
LEASE No _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
SEWELL, BECKLEY, POCA

TARGET FORMATION S&A COALS ESTIMATED DEPTH 1550
WELL OPERATOR PENN VIRGINIA OIL & GAS CORP. DESIGNATED AGENT DANA BLACKSHIRE
ADDRESS 999 EXECUTIVE PARK BLVD. SUITE 300 ADDRESS PO BOX 480

JUN 19 1997

4400
91°25'00"
WYO 1509-C

Janice
5/26/95

LATITUDE 37°45'00"

5900'

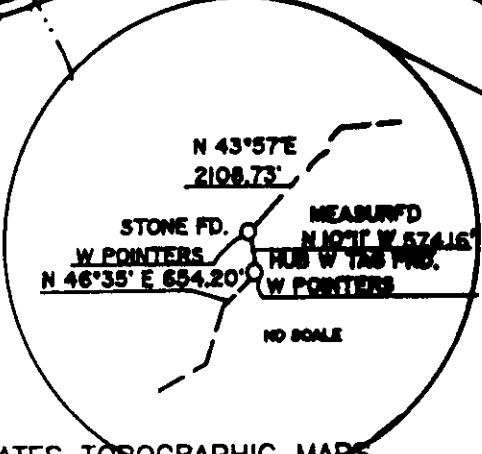
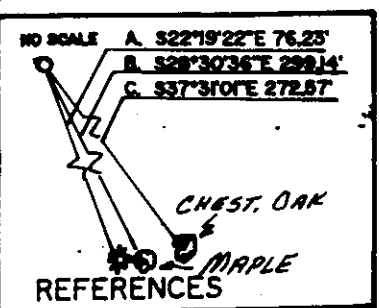
4400'

LONGITUDE 81°25'00"

Plat is not showing API No. To be Revised later.

0.825
1.09W

GEORGIA PACIFIC CORPORATION
DEED BOOK 213 PAGE 411



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

FILE No _____
DRAWING No _____
SCALE **1"=4000'**
MINIMUM DEGREE OF ACCURACY **1:2500**
PROVEN SOURCE OF ELEVATION **USGS BM A-181**
ELE. **1794**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION

(SIGNED) [Signature]
R.P.E. _____ R.P.S. **736**

BRIGHT W. BOWMAN
LICENSED
NO 736
STATE OF WEST VIRGINIA
LAND SURVEYOR

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
NIRTO, WEST VIRGINIA

DATE 03-16 19 95
OPERATOR'S WELL No. 6C-261
API WELL No. 47 109 01509-C

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
(IF "GAS") . PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 2365 WATER SHED TROUGH FORK NO W 109 16 S4
DISTRICT SLAB FORK COUNTY WYOMING
QUADRANGLE MCCRAYS 7.5' Mullern NW

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACERAGE 6266±
OIL & GAS ROYALTY OWNER WYOMING POCAHONTAS LAND CO., INC. LEASE ACERAGE 3058±
LEASE No _____

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

MAY 6 0 1995

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION SEWELL, BECKLEY, POCA ESTIMATED DEPTH 1550
BB 4 COALS
WELL OPERATOR PENN VIRGINIA OIL & GAS CORP. DESIGNATED AGENT DANA BLACKSHIRE
ADDRESS 999 EXECUTIVE PARK BLVD. SUITE 300 ADDRESS PO BOX 460

WR-35

15-Aug-97
API # 47-109-01654 C

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

Well Operator's Report of Well Work

Farm name: GEORGIA-PACIFIC CORP. Operator Well No.: 6C-261

LOCATION: Elevation: 2,365.00 Quadrangle: MCGRAWS

District: SLAB FORK County: WYOMING
Latitude: 4400 Feet South of 37 Deg. 45Min. 0 Sec.
Longitude 5900 Feet West of 81 Deg. 25 Min. 0 Sec.

Company: PENN VIRGINIA OIL AND GAS
999 EXEC. PARK BLVD., STE. 300
KINGSPORT, TN 37660-0000

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8"	88'	88'	41
4 1/2"	1518'	1518'	504

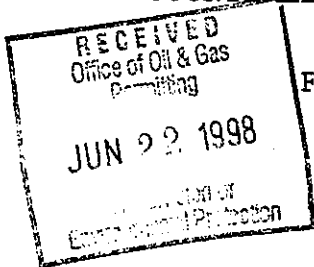
Agent: DANA-BLACKSHIRE
Harry Jewell
Inspector: OFIE HELMICK
Permit Issued: 08/20/97
Well work Commenced: 10/06/97
Well work Completed: 02/03/98
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 1552'
Fresh water depths (ft) _____
Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA L Poca 4, Poca 4, Poca 5,
Beckley, Upper Beckley,
Producing formation Little Raleigh, Sewell coal pay zone depth (ft) _____
Gas: Initial open flow 0 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow show _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure N/A 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 CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.



For: PENN VIRGINIA OIL AND GAS CORPORATION

By: William M. Ryan
Date: 6/12/98

WYO 1654 C

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-01654-C
WELL#: 6C-261

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC

- Stage 1 Perforated the Poca 5 coal seam from 1526' to 1528' with 3 holes, the Poca 4 coal from 1381' - 1385' with 3 holes and the Lower Poca 4 coal from 1407' - 1415' with 6 holes. Breakdown with 1000 gallons of 7.5% HCL acid and water. Treated with 152 barrels of water, 1,633 lbs 12/20 sand and 229,000 SCF of N2.
ATR: 32 BPM ATP: 3585 psi ISIP: 1625 psi
- Stage 2 Perforated the Sewell coal from 822' - 826' with 3 holes, the Little Raleigh coal from 853.5' - 855.5' with 2 holes, the Upper Beckley coal from 1016' - 1022' with 4 holes and the Beckley coal from 1091' to 1096' with 4 holes. Breakdown with 1000 gallons of 7.5% HCL acid and water. Treated with 356 barrels water, 29,700 lbs 12/20 sand and 620,000 SCF of N2.
ATR: 35 BPM ATP: 2480 psi ISIP: 1725 psi

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand & Shale	0	388	
Coal	388	390	
Sand & Shale	390	634	
Sand	634	728	
Sand & Shale	728	822	
Sewell Coal	822	826	
Sand & Shale	826	854	
Lower Sewell Coal	854	855	
Sand	855	1004	
Shale	1004	1018	
Upper Beckley Coal	1018	1021	
Sand & Shale	1021	1092	
Beckley Coal	1092	1096	
Sand & Shale	1096	1190	
Sand	1190	1257	
Poca 5 Coal	1257	1258	
Sand & Shale	1258	1382	
Poca 4 Coal	1382	1384	
Sand & Shale	1384	1407	
L Poca 4 Coal	1407	1411	
Sand & Shale	1411	1552	Gas checks - No shows reported

RECEIVED

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
Environmental Protection WELL WORK PERMIT APPLICATION

Well Operator: PENN VIRGINIA OIL & GAS CORPORATION

5604

37355 (7) 466

Well Number: 6C-261 3) Elevation: 2365

Office of Oil & Gas

Well type: (a) Oil / or Gas X /

Issued 05/24/95

Expires 05/24/97

(b) If Gas: Production X / Underground Storage /
Deep 1998 / Shallow /

- Proposed Target Formation(s): Sewell, Beckley, Poca 6 & 4 Coals
- Proposed Total Depth: 1550 feet
- Approximate fresh water strata depths: None Reported
- Approximate salt water depths: N/A
- Approximate coal seam depths: 830, 870, 1020, 1090, 1260, 1380, 1410
- Does land contain coal seams tributary to active mine? Yes / No X /
- Proposed Well Work: Drill & Complete a well in the coal beds listed above

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						303/18/1.3
Fresh Water	9 5/8"	L.S.	29.3	100	100	35 GS
Surface						
Intermediate						
Production	4 1/2"	J-55	10.5	1550	1550	150
Tubing						303/18/1.1
Annular						

CHECKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond SB Agent
(Type)

1512
25

RECEIVED

WV Division of Environmental Protection

MAY 05 1995

Page 1 of 3
Form WW2-A
(09/87)
File Copy

- 1) Date: 03-14-1995
- 2) Operator's well number 6C261
- 3) API Well No: 47 - 109 - 1509-C
State - County - Permit

Permitting
Office of Oil & Gas

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Georgia Pacific Corp
 - Address P. O. Box 105605
Atlanta, GA 30348
 - (b) Name _____
 - Address _____
 - (c) Name _____
 - Address _____
- 6) Inspector Ofie Helmick
- Address P. O. Box 398
Brenton, WV 24818
- Telephone (304)- 732-9135

- 5) (a) Coal Operator:
 - Name _____
 - Address _____
- (b) Coal Owner(s) with Declaration
 - Name Wyoming Pocahontas Land Co., Inc.
 - Address 39 Robin Place
Beckley, WV 25801
 - Name _____
 - Address _____
- (c) Coal Lessee with Declaration
 - Name _____
 - Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator PENN VIRGINIA OIL & GAS CORPORATION
 By: [Signature]
 Its: Vice President
 Address 999 Executive Park Blvd., Suite 300
Kingsport, TN 37660
 Telephone 1-615-392-0500

Subscribed and sworn before me this 28th day of April, 1995

Kita Gibson Notary Public
 My commission expires 2-13-99

109-1509

PUBLIC NOTICE

Notice is hereby given that the Chief of the Office of Oil and Gas of the Division of Environmental Protection proposes to take action to approve a request to drill and produce four (4) wells drilled to the coals in Wyoming County, West Virginia. Approval of these applications will allow Penn Virginia Oil & Gas Corporation to produce methane gas from coalbed methane wells through 4 1/2" casing.

Interested persons may make comments to the Chief in writing within fifteen (15) days to:

West Virginia Division of Environmental Protection
Office of Oil and Gas
#10 McJunkin Road
Nitro, West Virginia 25143

A copy of these Penn Virginia Oil & Gas Corporation requests may be examined at the Office of Oil and Gas at the address above.

Copy of ad ran in the
Independent Herald
in Pineville and a
copy ran in the
Beckley Herald.

I will send you a
copy when I receive
them.

RECEIVED
WV Division of
Environmental Protection

MAY 05 1995

Permitting
Office of Oil & Gas

WELL WORK PERMIT APPLICATION

10A-1654-C

- 1) Well Operator: PENN VIRGINIA OIL & GAS CORPORATION 37355 ① 466
- 2) Operator's Well Number: 6C-261 3) Elevation: 2365
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production X / Underground Storage /
 Deep / Shallow /
- WAD: 109 1509
 Closed 08/20/97 Expires 08/20/99
- Proposed Target Formation(s): Sewell, Little Raleigh, Upper Beckley, Pocahontas 5, 4 and 3
- Proposed Total Depth: 1600 feet
- Approximate fresh water strata depths: None Reported
- Approximate salt water depths: N/A
- 9) Approximate coal seam depths: 250, 380, 490, 730, to be treated 830, 870, 1010, 1080, 1250, 1380, 1405*
- 10) Does land contain coal seams tributary to active mine? Yes X / No /
- 11) Proposed Well Work: Drill & complete a CMB well in the coal beds listed above
- 12) *Coal depths based on coal log ran on well WP-261

24106

REC'D
 Environmental Protection
 AUG 04 1997
 Permitting
 Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	9 5/8	L.S.	26	80	80	25
Coal						
Intermediate						
Production	4 1/2	M-65	9.5	1600	1600	164
Tubing						3
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

 For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-23 Bond _____ Agent _____
 (Type)

27

RECEIVED
WV Division of
Environmental Protection

1) Date: July 30, 1997
2) Operator's well number
6C-261
3) API Well No: 47 - 109 - 1654-C
State County Permit

Permitting
Office of
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Georgia-Pacific Corporation Name _____
 Address P.O. Box 105605 Address _____
Atlanta, GA 30348
- (b) Name _____ (b) Coal Owner(s) with Declaration
 Address _____ Name Wyoming Pocahontas Land Co., Inc.
 Address 39 Robin Place
Beckley, WV 25801
- (c) Name _____ Name _____
 Address _____ Address _____
- 6) Inspector Ofie Helmick (c) Coal Lessee with Declaration
 Address P.O. Box 398 Name _____
Brenton, WV 24818 Address _____
 Telephone (304)- 543-0764

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
X Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator PENN VIRGINIA OIL & GAS CORPORATION
By: C.M. Randolph
Its: Vice President
Address 999 Executive Park Blvd., Suite 300
Kingsport, TN 37660
Telephone 1-423-392-0500

Subscribed and sworn before me this 31st day of July, 1997

Kita Notary Public
My commission expires _____



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-109-01654^P WELL NO.: 6C-261

FARM NAME: Georgia Pacific Corporation

RESPONSIBLE PARTY NAME: Mr. Richard Waddell

COUNTY: Wyoming DISTRICT: Slab Fork

QUADRANGLE: McGraws

SURFACE OWNER: The Forest Land Group, LLC

ROYALTY OWNER: Penn Virginia Oil & Gas Corporation

UTM GPS NORTHING: 4176884.47

UTM GPS EASTING: 461519.48 GPS ELEVATION: 720.46

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS _____: Post Processed Differential _____
Real-Time Differential _____

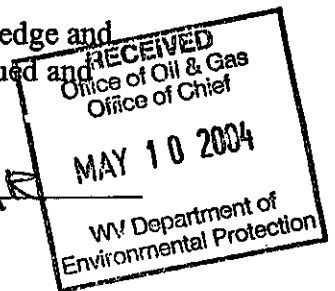
Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential _____

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Richard Waddell
Signature

OPWS MGR
Title

5-6-04
Date



WYO 1654 P