

2900.00'

LATITUDE 38° 12' 30"

LONGITUDE 80° 03' 00"

12100121

June 10/3/89  
" 1/10/91

NORTH

S.L.S 39/1

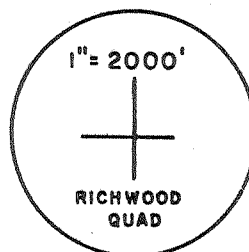
115/603

PEARL BABER WILLS  
99.75 AC. TRACT:

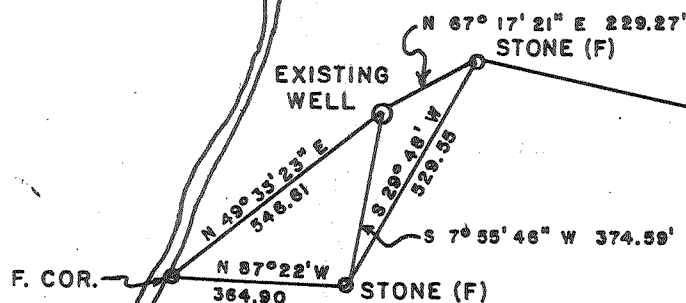
TM 7 PAR 3

(WESTVACO MINERAL RIGHTS)

GOLD KNOB ROAD



WESTVACO



FILE NO. 893L  
DRAWING NO. 1  
SCALE 400'  
MINIMUM DEGREE OF ACCURACY 1:5000  
PROVEN SOURCE OF ELEVATION USGS BM Y-258

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 MINES.

(SIGNED) *[Signature]*  
R.P.E. 3994 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
FORM IV-6  
(8-78)



Department of Mines  
Oil & Gas Division

DATE SEPT., 19 89  
OPERATOR'S WELL NO. 1  
API WELL NO. 47-025-0023-P  
STATE COUNTY PERMIT

*Re-work & Plug  
unsuccessful  
Verbal Plugging*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS", PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_)  
LOCATION: ELEVATION 3343.00 WATER SHED LAUREL CREEK  
DISTRICT WILLIAMSBURG COUNTY GREENBRIER  
QUADRANGLE RICHWOOD

SURFACE OWNER PEARL BABER WILLS ACREAGE 99.75  
OIL & GAS ROYALTY OWNER WESTVACO LEASE ACREAGE 5357  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL X 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 BIG LIME ESTIMATED DEPTH 2381  
WELL OPERATOR CONTINENTAL RESERVES OIL CO. DESIGNATED AGENT \_\_\_\_\_  
ADDRESS 147-3 W. MAIN ST. ADDRESS SAME  
BRIDGEPORT, WV 26330

GREEN 0023

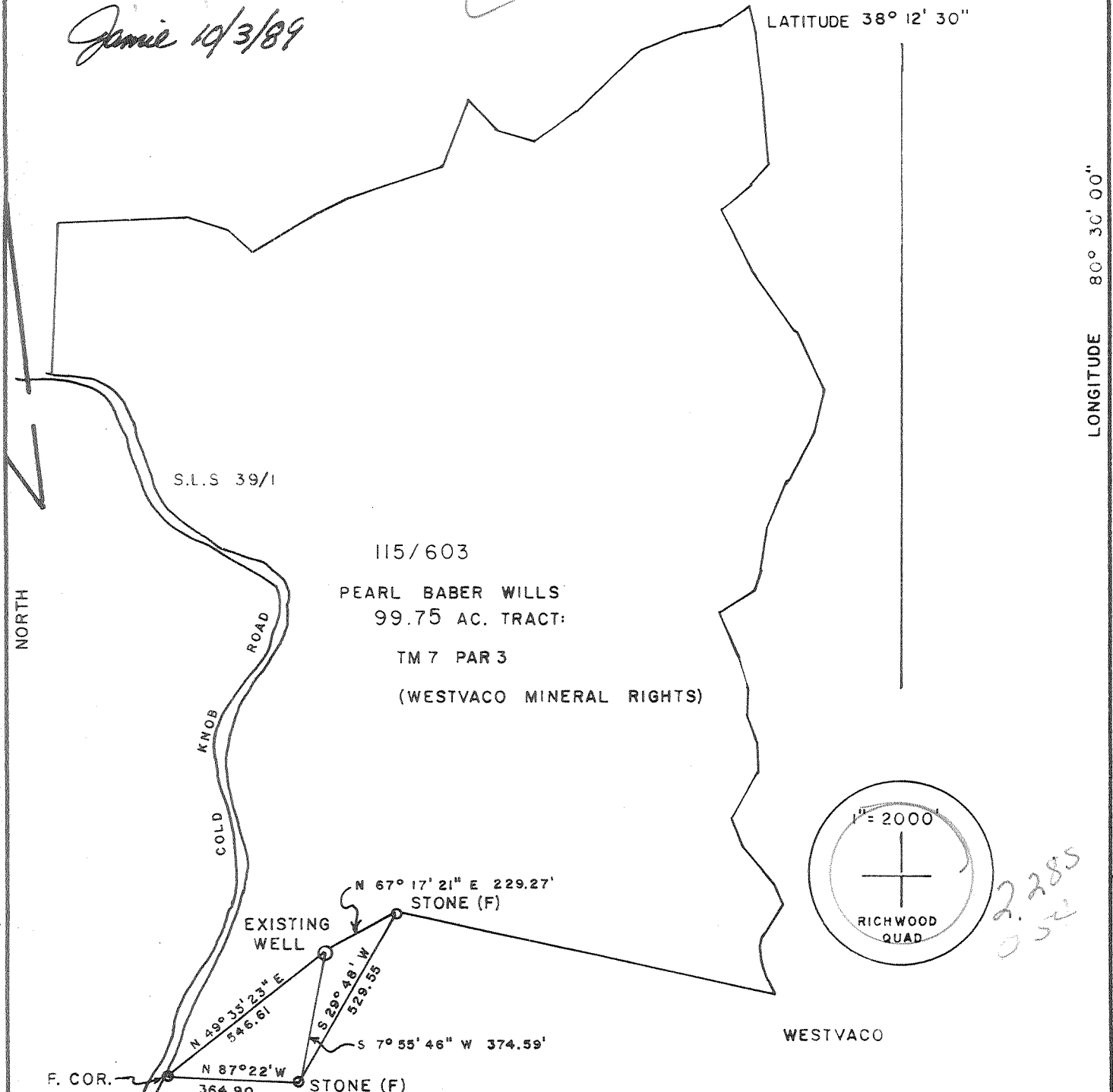
Jamie 10/3/89

← 2900.00' →

LATITUDE 38° 12' 30"

LONGITUDE 80° 30' 00"

12160.00'



FILE NO. 893L

DRAWING NO. 1

SCALE 400'

MINIMUM DEGREE OF ACCURACY 1:5000

PROVEN SOURCE OF ELEVATION USGS BM Y-258

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 MINES.

(SIGNED) [Signature]

R. P. E. 3994 L. L. S. \_\_\_\_\_

PLACE SEAL HERE

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

FORM IV-6  
(8-78)



Department of Mines  
Oil & Gas Division

DATE SEPT, 19 89

OPERATOR'S WELL NO. 1

API WELL NO. 47-025-0023

STATE WV COUNTY GREENBRIER PERMIT Rework & Frac

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

LOCATION: ELEVATION 3343.00 WATER SHED LAUREL CREEK

DISTRICT WILLIAMSBURG COUNTY GREENBRIER

QUADRANGLE RICHWOOD NE 415

SURFACE OWNER PEARL BABER WILLS ACREAGE 99.75

OIL & GAS ROYALTY OWNER WESTVACO LEASE ACREAGE 5037

LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL X 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 BIG LIME ESTIMATED DEPTH 2381 10013-1989

WELL OPERATOR CONTINENTAL RESERVES OIL CO. DESIGNATED AGENT ANNIE COLTON

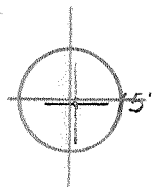
ADDRESS 147-3 W. MAIN ST. BRIDGEPORT, WV 26330 ADDRESS SAME

Latitude 38° 12' 30"  
(15') 38° 15'

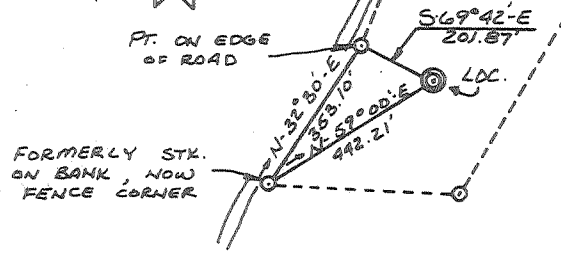
Longitude 80° 30'

PEARL BABER WILLS  
SURFACE RIGHTS  
99.75 ACRES  
P/O 1475 ACRE TRACT  
OWNED BY GAULEY COAL LAND CO.  
MINERAL RIGHTS

S 5.14  
W 0.57



TOPO LOC.  
7 1/2' GRID.



New Location   
Drill Deeper   
Abandonment   
5/11/77

Minimum Error of Closure 1:200'  
Source of Elevation USC & GS B.M. # Y-258 ELEV. 3366

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company JONES & FELLOW OIL CO.  
 Address 2821 NW 50th ST. OKLAHOMA CITY, OKLA.  
 Farm PEARL BABER WILLS  
 Tract \_\_\_\_\_ Acres 99.75 Lease No. \_\_\_\_\_  
 Well (Farm) No. P.B. WILLS #1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 3343.03' NE  
 Quadrangle NE 1/4 RICHWOOD, RICHWOOD, W.VA. 7 1/2' quad.  
 County GREENBRIER District WILLIAMSBURG  
 Engineer Garl Holley Sr. L.L.S.  
 Engineer's Registration No. 219  
 File No. 1976-168 Drawing No. A-1  
 Date SEPT. 22, 1976 Scale 1" = 400'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP  
FILE NO. GREEN-23-P

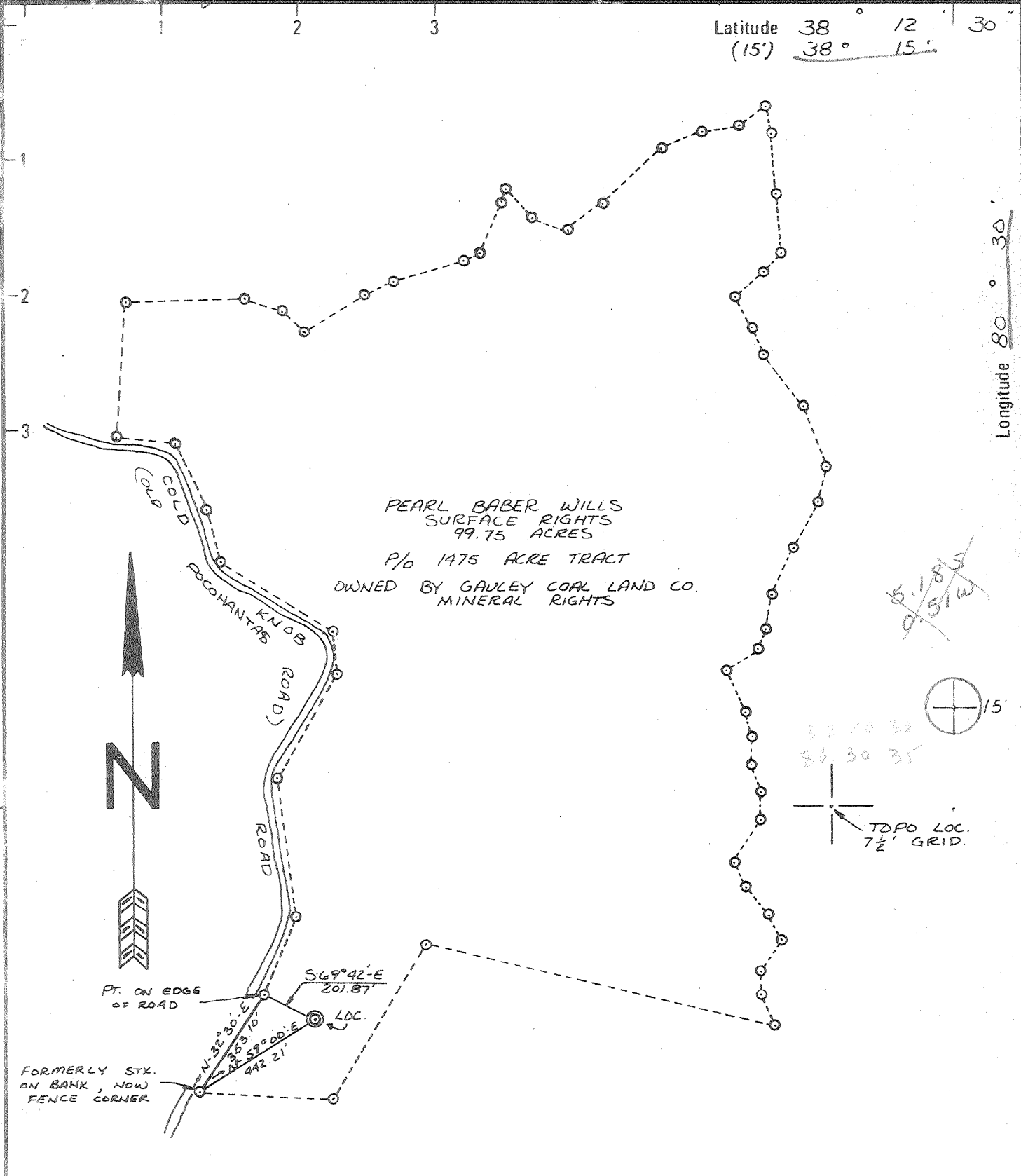
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

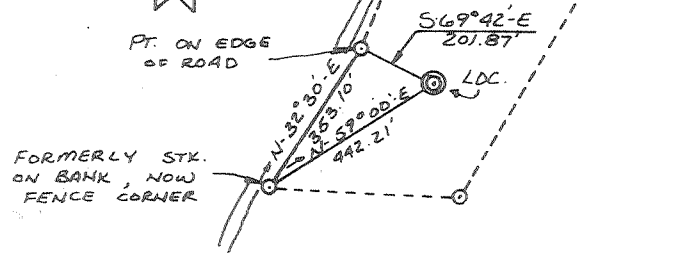
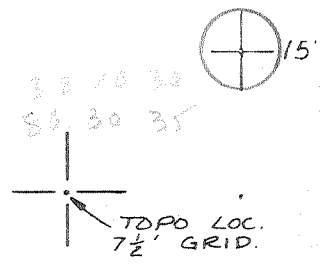
47-025 MAY 26 1977

Latitude 38° 12' 30"  
(15') 38° 15'

Longitude 80° 30'



PEARL BABER WILLS  
SURFACE RIGHTS  
99.75 ACRES  
P/O 1475 ACRE TRACT  
OWNED BY GAULEY COAL LAND CO.  
MINERAL RIGHTS



<p>New Location <input checked="" type="checkbox"/></p> <p>Drill Deeper <input type="checkbox"/></p> <p>Abandonment <input type="checkbox"/></p>	<p>Minimum Error of Closure 1:200'</p> <p>Source of Elevation USC &amp; GS B.M. # Y-258 ELEV. 3366</p> <p>"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."</p>
--	---

Company JONES & FELLOW OIL Co.

Address 2821 NW 50th St OKLAHOMA CITY, OKLA.

Farm PEARL BABER WILLS

Tract \_\_\_\_\_ Acres 99.75 Lease No. \_\_\_\_\_

Well (Farm) No. P.B. WILLS #1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 3343.03' NE

Quadrangle NE 1/4 RICHWOOD, RICHWOOD W.VA. 7 1/2' quad.

County GREENBRIER District WILLIAMSBURG

Engineer Carl Holley Jr. L.L.S.

Engineer's Registration No. 219

File No. 1976-168 Drawing No. A-1

Date SEPT. 22, 1976 Scale 1" = 400'

**STATE OF WEST VIRGINIA**  
DEPARTMENT OF MINES  
**OIL AND GAS DIVISION**  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. GREEN-23-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

**47-025**

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: WILLS, PEARL BABER Operator Well No.: 1

LOCATION: Elevation: 3343.00 Quadrangle: RICHWOOD

District: WILLIAMSBURG County: GREENBRIER  
Latitude: 12100 Feet South of 38 Deg. 12Min. 30 Sec.  
Longitude 2900 Feet West of 80 Deg. 30 Min. 0 Sec.

Company: CONTINENTAL RESERVES OIL  
1701 COCHRAN ROAD, SUITE 200  
PITTSBURGH, PA 15220-1098

Agent: NANCY COLTON

Inspector: RODNEY G. DILLON  
Permit Issued: 10/11/89  
Well work Commenced: 6/18/90  
Well work Completed: 6/29/90  
Verbal Plugging  
Permission granted on: 6/28/90  
Rotary Cable Rig - service  
Total Depth (feet) 2381  
Fresh water depths (ft)

Salt water depths (ft)

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8	2381	2381	



DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 1814-1820  
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow - Bbl/d  
 Final open flow TSTM MCF/d Final open flow - Bbl/d  
 Time of open flow between initial and final tests - Hours  
 Static rock Pressure N.M. 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: CONTINENTAL RESERVES OIL CO.

By: Mitchell A. Berlin  
Date: July 18, 1990

AUG 6 1990

Ran CBL - CL - GR inside old 9 5/8" csg  
Set CIBP at 1880 feet  
Perforated The Big Lime 1814 to 1820 (log depth)  
2 shots/ft; Total 13 shots  
Acidize Big Lime - 5,000 gals. of acid  
Flowed and Swabbed Big Lime Back  
Show of Gas; TSTM  
Re-entry of Jones & Pellow Wills #1, P#23  
  
Well Shut In - to be abandoned later.

**RECEIVED**  
JUL 25 1990

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

6076



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 3

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ DRY  
(Kind)

Quadrangle RICHWOOD

Permit No. GREEN. 23

Company Jones & Pellow Oil Co., 2821 NW 50th St.  
Oklahoma City, OK. 73112  
Address \_\_\_\_\_  
Farm P.B. Wills Acres 99.75  
Location (waters) Cold Knob Road  
Well No. 1 Elev. 3343.03  
District Williamsburg County Greenbrier  
The surface of tract is owned in fee by P.B. Wills

Address Box 461, Richwood, Wv. 26261  
Mineral rights are owned by Gauley Coal Land Co  
Address \_\_\_\_\_

Drilling Commenced March 31, 1977  
Drilling Completed May 7, 1977  
Initial open flow Dry cu. ft. Dry bbls.  
Final production -- cu. ft. per day -- bbls.  
Well open --- hrs. before test -- RP.

Well treatment details:

Not treated

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10" 13 3/8	60'	60'	
9 5/8	2381'	2381'	
8 5/8			
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

13 3/8 csg. cemented to surface  
9 5/8 csg. cemented to surface  
Plugs set 0 to 50', 2337' to 2437',  
4020' to 4120'.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 2155' Feet \_\_\_\_\_ Salt Water 4070' Feet \_\_\_\_\_  
Producing Sand None Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gray Shales			0	150'		30' Samples
Salt Sand			150'	210'		
Red Shales			210'	300'		
Limestone (Avis ?)			300'	330'		
Gray Shales & Siltstones			330'	470'		
Red & Gray Shales			470'	540'		
Red Shales, tr. gy. sh. & lm			540'	1440'		
Red Shale & Sds. (Maxton)			1440'	1500'		
Gray Sh., tr. lms.			1500'	1560'		
Lms. & Gy. Sh. (Little Lime)			1560'	1600'		
Gray Shale & Slts.			1600'	1730'		
Big Lime			1730'	2140'		
Red & Gy. Shales			2140'	2170'	water	
Sds. (McCrady)			2170'	2180'		
Red Shale			2180'	2190'		
Sds. (Squaw)			2190'	2200'		
Gray Shale			2200'	2220'		
Sds. & Gy. Sh. (Weir)			2220'	2300'		
Gray Sh. & Slts.			2300'	2580'		
Gray & Red Shales			2580'	2660'		
Gray Shale			2660'	2720'		
Gray Sh. w/tr. sds.			2720'	2820'		
Gray Sh. & Slts.			2820'	3520'		(tr. Lms. 3390'-3500')

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gray Slts & Shs., tr. Sds			3520'	3700'		
Gray Slts & Shs.			3700'	4160'		
Gray Shale			4160'	4280'		salt water 4170', inc. 4194'
DEV Sh.				4286' TD		

Date 11 May, 1977 19 77

APPROVED Jones & Pellow Oil Company Owner

By [Signature]  
 (XXXX)







1) Date: 9/22/89  
2) Operator's well number 1  
3) API Well No: 47 - 025 - 23 - Re-work  
State - County - Permit FRAC.

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY 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 Pearl Baber Wills  
Address General Delivery  
Richwood, WV 26261
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name None  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration  
Name Westvaco Corporation  
Address PO Box 577  
Rupert, WV 25984  
Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_
- 6) Inspector Rodney G. Dillon  
Address PO Box 1526  
Sophia, WV 25921  
Telephone (304)-683-3989

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 Continental Reserves Oil Company  
By: J. Michael Scureman *Michael Scureman*  
Its: President  
Address 147-3 West Main Street  
Bridgeport, WV 26330  
Telephone 304-842-5446

Subscribed and sworn before me this 22 day of September, 19 89

Charles R. Berkebile  
My commission expires 7/27/92

Notary Seal  
Notary Public  
Charles R. Berkebile, Notary Public  
Mt Lebanon Twp., Allegheny County  
My Commission Expires July 27, 1992  
Member, Pennsylvania Association of Notaries



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

MAR 7 1977

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE January 18, 1977

Surface Owner Pearl Baber Willis

Company Jones & Fellow Oil Co.

Address Box 461, Richwood, WV 26261

Address 2821 NW 50th Street  
Oklahoma City, Oklahoma

Mineral Owner Gauley Coal Land Co.

Farm P. B. Willis Acres 99.75

Address \_\_\_\_\_

Location (waters) Cold Knob Road

Coal Owner \_\_\_\_\_

Well No. #1 Elevation 3343.03'

Address \_\_\_\_\_

District Williamsburg County Greenbrier

Coal Operator \_\_\_\_\_

Quadrangle NE 1/4 Richwood, Richwood, WV 7 1/2' quad.

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 7-2-77.

INSPECTOR  
TO BE NOTIFIED Paul Thomas

ADDRESS P.O. Box 337, Summersville, W. Va. 26651

PHONE 872-3070

[Signature]  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated \_\_\_\_\_ 19\_\_\_\_ by Phillips Petroleum Company made to Jones & Fellow Oil Co. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

XX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

Very truly yours, JONES & FELLOW OIL CO.  
(Sign Name) [Signature] agent  
Well Operator  
2821 NW 50th Street  
Street  
Oklahoma City,  
City or Town  
Oklahoma 73112  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

GREEN- 23 PERMIT NUMBER  
47-025

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by \_\_\_\_\_

[Signature]

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Ray Resources NAME Pete Fisher  
 ADDRESS 630 Commerce Sq., Chas., WV 25301 ADDRESS Box 235, Culloden, W. Va.  
 TELEPHONE 344-6393 TELEPHONE 743-9067  
 ESTIMATED DEPTH OF COMPLETED WELL: 9600' ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Tuscarora  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
<del>20</del> - 16	60'	60'	To Surf.
13 - 10			
9 - 5/8	1100'	1100'	To Surf.
8 - 5/8			
7			
5 1/2			
4 1/2	9600'	9600'	
3			Perf. Top
2 3/8"	9600'	9600'	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

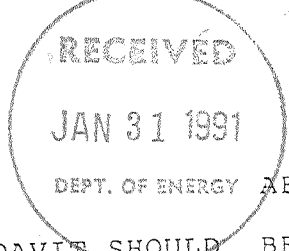
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title



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

DEPT. OF ENERGY AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: WILLS, PEARL BABER Operator Well No.:1

LOCATION: Elevation: 3343.00 Quadrangle: RICHWOOD  
District: WILLIAMSBURG County: GREENBRIER  
Latitude: 12100 Feet South of 38 Deg. 12 Min. 30 Sec.  
Longitude 2900 Feet West of 80 Deg. 30 Min. 0 Sec.

Well Type: OIL \_\_\_\_\_ GAS \_\_\_\_\_ X Dry and Abandoned

Company: Continental Reserves Coal Operator Westvaco Corporation  
147-3 West Main Street or Owner P.O. Box 577  
Bridgeport, Wv 26330 Rupert, WV 25984

Agent: Linda Aldridge Coal Operator \_\_\_\_\_  
Inspector: Rodney Dillon or Owner \_\_\_\_\_  
Permit Issued: 01/10/91

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_ ss:

Rick Duckworth and \_\_\_\_\_ being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Continental Reserves, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 22 day of August, 1990, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CIBP	1880 ft			
Cement Plug	1764 ft	1664 ft		
Gel	1664 ft	30 ft		
Cement Plug	30 ft	0		

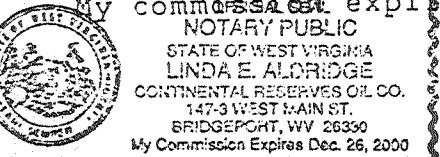
Description of monument: \_\_\_\_\_

and that the work of plugging and filling said well was completed on the 22nd day of August, 1990.

And further deponents saith not.

Rick Duckworth  
Eugene County  
Linda E. Aldridge  
Notary Public

Sworn and subscribe before me this 30 day of January, 1991  
My commission expires: December 26, 2000



FEB 1 1991