

Call Table	
A	S20° W 62 P.
B	S61° 14' E 709.5'
C	N77° 47' E 594.0'
D	N60° 34' E 701.0'
E	N19° W 40 P.
WELL TIES	
①	N15° 02' E 4851'
②	N6° 57' W 4590'
LOCATION REFERENCES	
Existing Well	

Note: All Known Water Supply Sources Located Within 1000' Of Proposed Well Are Shown

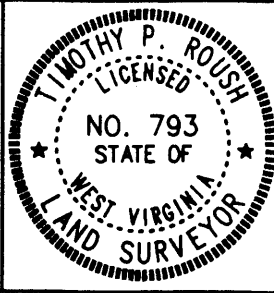
(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

◆ Denotes a Water Supply Source

FILE NO. 1818  
 MAP NO. N47 N S1 E W 5  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION USGS BM - 902

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]  
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA  
 Division of Environmental Protection  
 Office of Oil and Gas  
 •10 McJunkin Road  
 Nitro, West Virginia 25143-2506



DATE September 23, 19 97  
 FARM Silas Wyatt NO. 3  
 API WELL NO. 47-095-01686 Redrill

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  OBSERVATION   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1092' WATERSHED Indian Creek  
 DISTRICT McElroy COUNTY Tyler  
 QUADRANGLE Centerpoint 7.5'

SURFACE OWNER Dorothy Walters ACREAGE 52.88 Ac.  
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 60 Ac.  
 LEASE NO. 47495-00

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Re-Enter Plugged Well For Observation Purposes

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Fresh Water Zones ESTIMATED DEPTH 400'  
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT Philip S. Ondrusek  
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519  
Vienna, W.Va. 26105 Vienna, W.Va. 26105

OCT 10 1997

(Jackman - State of W.V. 95) 8-0

FORM IV-6

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

*17*

Well Operator's Report of Well Work

Farm name: WALTERS, DOROTHY  
LOCATION: Elevation: 1,092.00  
District: MCELROY  
Latitude: 5,050 Feet south of  
Longitude: 10,000 Feet west of

Operator Well No.: SILAS WYATT 3  
Quadrangle: CENTERPOINT 7.5'  
County: TYLER  
39 Deg 27 Min 30 Sec.  
80 Deg 40 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: MIKE UNDERWOOD

Permit Issued: 10/09/97

Well work Commenced: 05/11/98

Well work Completed: 09/02/98

Verbal plugging permission granted on:

Rotary Cable X Rig

Total Depth (feet) 402

Fresh water depths (ft) 150

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
7	27.00'	27.00'	
2 3/8"	380.00'	380.00'	

OPEN FLOW DATA

\* OBSERVATION WELL

Producing formation NA Pay zone depth (ft) NA  
 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 NA Pay zone depth (ft) NA  
 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: EAST RESOURCES, INC.

By: *[Signature]*  
Date: 2/24/05

MAR 11 2005  
 RECEIVED  
 Office of Oil & Gas  
 Office of Chief  
 MAR 11 2005  
 WV Department of  
 Environmental Protection

*747*  
*9891*

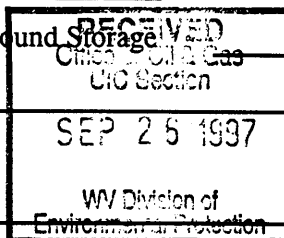
This well was redrilled as an observation well to 402'. A slight volume of oil and water were encountered at 150'. 2 3/8" tubing and packer were run to 285' with tailpipe to 380'. The well is being used as an observation well for the Stringtown waterflood.

MAR 11 2000

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

Issued 10/09/97  
Expires 10/09/99  
37450 (5) 286

- 1) Well Operator: Pennzoil Products Company
- 2) Operator's Well Number: Silas Wyatt No.3 3) Elevation 909
- 4) Well Type: (a) Oil \_\_\_\_\_ or Gas \_\_\_\_\_ Observation X  
(b) If Gas: Production \_\_\_\_\_ Underground Storage \_\_\_\_\_
- 5) Proposed Target Formation(s): Fresh Water Zones
- 6) Proposed Total Depth: 400' feet
- 7) Approximate fresh water strata depths: NA
- 8) Approximate salt water depths: NA
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_\_\_ No X
- 11) Proposed Well Work: Redrill P&A well to below fresh water & set casing to surface for observation well



CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight Per Ft.	For Drilling	Left in Well	
Conductor						<u>30</u>
Fresh Water	4 1/2"	J-55	10.5	400'	400'	Cement to Surface
Coal						
Intermediate						
Production						
Tubing	2 3/8"			400'	400'	For Fluid Levels
Liners						

Packers: Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Office of Oil and Gas Use Only

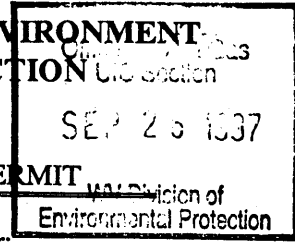
- Fee(s) Paid
- Well Work Permit
- Reclamation Fund
- WPCP
- Plat
- WW-9
- WW-2B
- Bond \_\_\_\_\_ (Type)
- Agent

0301791375

24381

1) Date: September 23, 1997  
2) Operator's Well Number  
Silas Wyatt No.3  
3) API Well No: 47 - 095 - 1686  
State County Permit

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:  
(a) Name Dorothy Walters  
Address Alvy, WV 26322  
(b) Name Homer R. Baker  
Address Alvy, WV 26322  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Mike Underwood  
Address Route 2, Box 135  
Salem, WV 26426  
Telephone (304) - 782-1043

5) (a) Coal Operator:  
Name NA  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name NA  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name NA  
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 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 4 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 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 Pennzoil/Products Company  
By: [Signature] Timothy P. Roush  
Its: Supervisor, Surveying/Mapping  
Address P.O. Box 5519  
Vienna, WV 26105-5519  
Telephone (304) 422-6565

Subscribed and sworn before me this 23 day of SEPTEMBER, 1997  
[Signature] Notary Public

My commission expires 10/3/2000

