



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

Well Operator's Report of Well Work

Farm name:	WVA. PUBLIC	C LANDS 1250 - 1000	map	Operator	Well No.: 0	.V.REILLY	L-19
LOCATION:	Elevation:	1,025.00	Quadr	angle: CE	NTER POINT	, &	
	District: Latitude: Longitude	3750 Feet	t Sout t West	h of 39	ounty: WETZE Deg. 30Min. Deg. 40 Mir	Sec.	
Company: PEN	NZOIL PRODU	CTS COMPANY	Y -	Coging	Used in		
P. VIE	O. BOX 5519 NNA, WV 26	105-5519		&	Drilling		Fill Up
Agent: JAM	ES A. CREWS			Size	 	 	  To
Permit Issu	RANDAL MICK led: commenced:	05/25/94		8-5/8	400	400	surface  50 sks.   
Well work C	ompleted:	09/23/94		 	   	   	
Total Depth	granted on: Cable (feet) depths (ft	3268		   4-1/2 	   3190 	   3190 	  300 sks.   
	depths (ft)			   	   	   	 
Is coal bei	ing mined ins (ft):	n area (Y/N N/A	<u>)                                    </u>	   	   	   	
	DATA		_	ection Well			
,	cing formati Initial oper Final open i Time of oper	i flow betw	meen 1	nitiai au	d TIHAT CES	LS	Hours
Stati	c rock Press	sure	psi	g (surfac	e pressure)	after	Hours
Secon Gas:	d producing Initial oper Final open	formation_ flow	MCF	/d Oil: I	Pay zone nitial open	flow	Bbl/d Bbl/d
1	Time of open	n flow betw	veen i	nitial an	d final tes	sts	Hours
Stati	c rock Pres	sure	psi	g (surfac	e pressure)	arter	Hours
INTERVALS, LOG WHICH	ACK OF THI FRACTURING IS A SYST COAL ENCOUN	OR STIMUI EMATIC DET	LATINO AILED	GEOLOGIC	CAL CHANGE,	ETC. 2)	. THE WELL
		For: Pi	ENNZOI	PRODUCT	PS COMPANY		
		•	y:	1/4/95			
				7.7.0			•

### TREATMENT

Perforated with 12 holes 3133'-3139'. Treated with 300 gallons 15% HCL acid, 442 barrels gelled water and 18,500# 20/40 sand.

### WELL LOG

Sand & Shale	0'-1560'
Sand	1560'-1628'
Shale	1628'-1658'
Sand & Shale	1658'-2050'
Sand	2050'-2088'
Shale	2088'-2350'
Big Injun	2350'-2524'
Shale	2524'-3107'
Stray	3107'-3116'
Gordon	3116'-3140'
T.D.	3268'

FORM WW-3(B)	FILE COPY
(Obverse)	
10/91	

APR 2 5 94



1)	Date:		TULL.	<u> </u>	_, 1994	
2)	Operator's G. Well No.	٧.	REI	LLY #L-	-19	
3)	SIC Code					
4	API Well NO.	47		103	· 163	— 11-т.:
		Su	ite	County	Permit	
5.	UIC Permit No					

TE OF WEST VIRGINIA

Sound 05/25/94

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION

for the

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

LOCATIO	PE: Liquid N: Elevat	ion:12	242			Waters	hed: Piney	Fork		_
	Distric		ceen		<u> </u>	County	Wetzel	Quadrangle:	Centerpoint	2
WELL OP	ERATOR .	Pennzo	oil Pro	ducts	s Comp	any 41.00	9) DESIGNA	TED AGENT James	s A. Crews	
	dress	P. O.	Box 55	19			A	ddress P.O.	Box 5519	
		Vienna	ı, WV	26105	5			Vienr	na, WV 26105	
	S INSPECT	OR TO B	E NOTIFI Inderwo	ED E		•		G CONTRACTOR:		
Name			2, Box			<del></del>	Name	G CONTRACTOR:		
Address		Salem,		6426			Address			
							7.00.00			
PROPOSE	D WELL W	ORK:	Drill	<u>X</u>	Drill	deeper		/ Stimulate X		
			•			_/ Perforale ne	w formation/	Convert/		
			-	C	ange in v cdon	well (specify)		3122 6	(top) to 3137 feet (bo	
	CAL TARC		•			322	2 6	Depth 3122 feet	(top) to 3137   teet(bo	ttom)
	depth of co	=		7.22		.ing wen/1	/ <sub>/</sub> / <sub>0</sub>			
	ate water str	-	; Fresh,_	1054		feet; salt, 1	feet feet	•		
Approxima	ate coal sean				7 .					
Is coal bei	ng mined in	the area?	Yes	/ No_4 140	<u>.</u> 00 -		Estimated			
Virgin rese	rvoir pressu	re in target	formation	140	<u>00                                   </u>	osig. Source	Estimated		*****	
Virgin rese Estimated	rvoir pressu reservoir fra	re in target cture press	formation	3500	) )	331g. 3001ct	psig (BHFP)		2332	
Virgin rese Estimated MAXIMU	rvoir pressur reservoir fra M PROPOS	re in target cture press ED INJEC	formation ture CTION OP	3500 PERATIO	00 p ) ons: v	olume per hour: _	psig (BHFP) 25	Bottom hole press		ter
Virgin rese Estimated MAXIMU DETAILE	rvoir pressur reservoir fra M PROPOS D IDENTIF	re in target cture press SED INJECTION	formation sure CTION OP	140 3500 PERATIO ERIALS	00 p ) ONS: V TO BE I	olume per hour: _ NJECTED, INCL	psig (BHFP) 25 UDING ADDITI'	ves: Freshwater	r, produced wa	ter
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Virgin rese Estimated MAXIMU DETAILE bacter: FILTERS SPECIFIC CASING ASING OR UBING TYPE	rvoir pressur reservoir fra M PROPOS D IDENTIF LCIDES & (IF ANY): _ CATIONS FO	re in target cture press EED INJECTICATION and oth Cartri OR CATH	formation sure	140 3500 PERATIO ERIALS Emical id/or	ONS: V TO BE II Ls as coalb	olume per hour: _ NJECTED, INCL needed to 1 Ded filters OOTHER CORRO	psig (BHFP) 25  UDING ADDITI maintain wa  SION CONTROL  NTERVALS	CEMENT FILLUP	r, produced wand improve oil recover	
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Virgin rese Estimated MAXIMU DETAILE bacteri FILTERS SPECIFIC CASING CASING OR UBING TYPE Inductor Sh water al	rvoir pressur reservoir fra M PROPOS D IDENTIF LCIDES & (IF ANY): _ CATIONS FO AND TUBI	re in target coure press SED INJEC ICATION and oth Cartri OR CATHO SPECE Grade LS	formation sure	140 3500 PERATIO ERIALS Emical ad/or OTECTI	ONS: V TO BE II Ls as coalb	olume per hour: _ NJECTED, INCL needed to r oed filters OOTHER CORRO	psig (BHFP) 25  UDING ADDITI maintain was  SION CONTROL  STERVALS  Left la well	CEMENT FILLUP OR SACES (COME force)  Cement to	r, produced wa nd improve oil recover  PACKERS  Kinds	
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Virgin rese Estimated MAXIMU DETAILE bacter: FILTERS SPECIFIC CASING OR UBING TYPE Inductor Ish water all ermediate induction bing	reservoir pressur reservoir fra M PROPOS D IDENTIFICATIONS FOR AND TUBIL State 18-5/8	re in target coure press SED INJEC ICATION and oth Cartri OR CATHO NG PROG SPECE Grade LS	formation sure CTION OF MATINET che dge an ODIC PROFIT OF CODIC PROFIT OF CODI	14( 3500 PERATIO ERIALS Emical id/or OTECTI	ONS: V TO BE II Ls as coalb	olume per hour: _ NJECTED, INCL needed to 1 Ded filters OOTHER CORRO  FOOTAGE IF For drilling  492	psig (BHFP) 25  UDING ADDITI maintain wa  SION CONTROL  NTERVALS  Left to well  492 *	CEMENT FILLUP OR SACES (Color feet)  Cement to surface  Cement over	r, produced wa nd improve oil recover  PACKERS  Kinds  Sizes  Depths set	у.
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See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

FORM	<b>WW-</b> 3	(A)
Obver	вe	

APR 2 6 94

1	)	Dat	e	Apr	il	21,	1994
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Operator's

2) Well No. G. V. REILLY #L-19 3) SIC Code

4) API Well No. 47 - 103

State County Permit

#### STATE OF WEST VIRGINIA

## NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION

for the	
DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY	
6) SURFACE OWNER(S) OF RECORD TO BE SERVED 7 (1) COAL OPERATOR N/A Address	
(i) Name WV Public Land Corporation	
Address Bldg. #3, Room 643 7 (ii) COAL OWNER(S) WITH DECLARATION ON RECO	RD
1900 Kanawha Blvd. E. Name	
(ii) Name Charleston, WV 25305 Address	
Address	
Dep't. of Natural Resources 7 (iii) COAL LESSEE WITH DECLARATION ON RECORD	:
(iii) Name 1304 Goose Run Road Name	
Address Fairmont, WV 26554 Address	
Attn: Gary Foster	
TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following document	s:
(1) The Application for a Liquid Injection or Waste Disposal Well Work Permit on Form	
WW-3(B), which sets out the parties involved in the drilling or other work, and	
(2) The plat (surveyor's map) showing the well location on Form WW-6; and	
(3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only	
to plug a well), which sets out the plan for erosion and sediment control and for	
reclamation for the site and access road.	
The date proposed for the first injection or waste disposal is, 19	.•
THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-3(B)) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.	N
Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a	
Well Work Permit with the Director of the Division of Oil and Gas, West Virginia Department	
of Energy, with respect to a well at the location described on the attached Application and	
depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the	
Construction and Reclamation Plan have been mailed by registered or certified mail or deliv-	
ered by hand to the person(s) named above (or by publication in certain circumstances) on or	
before the day of mailing or delivery to the Director.	
The person signing this document shall make the following certification:	
"I certify under penalty of law that I have Pennzcil Products Company	
personally examined and am familiar with the / Well Comments.	
information submitted in this document and all	
attachments and that, based on my inquiry of By June to Timothy P. H	≀ou
those individuals immediately responsible for	

se 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 Telephone (304) 422-6565 submitting false information, including the possibility of fine and imprisonment.

Its Supervisor, Surveying/Mapping