

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

Well Operator's Report of Well Work

DEC 0 7 03

Farm name: WVA PUBLIC LANDS CO

Operator Well No.: J.T.REILLY J-17

LOCATION:

Will I OBBITC BIMDS CO

Quadrangle: CENTER POINT

District: GREEN

Latitude: 6100 Longitude 4550

Elevation: 927

County: WETZEL
Feet South of 39 Deg. 30Min. 00 Sec.
Feet West of 80 Deg. 40 Min. 00 Sec.

Company: PENNZOIL PRODUCTS COMPANY

P. O. BOX 5519

VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: RANDAL MICK

Permit Issued: 05/12/93
Well work Commenced: 9/30/93
Well work Completed: 10/16/93
Verbal Plugging
Permission granted on:
Rotary X Cable Rig

Rotary X Cable Rig
Total Depth (feet) 2962
Fresh water depths (ft) N/A

Salt water depths (ft) N/A

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

Used in	Left	Cement    Fill Up		
	in Well  	Cu. Ft.    		
216	216	125 Sks.		
2855.00	2855.00	300 Sks.		
	Drilling  216	Drilling   in Well		

### OPEN FLOW DATA

2820 - 2830

Producing formation	Gordon	Pau zono donth /	<b>C</b> ( )
Gas: Initial open flow	* MCF/3 (	Pay zone depth (	
Final open flow	MCF/d (	Dir: Initial open flow	* Bbl/d
t that obell ITOM	* M('F'/d	Final and Cl	* Bbl/d
rime or open irow	between initi	al and final tarts	
Static rock Pressure	nsia (s	surface programs) - El	Hours
Water Injection Well		dirace pressure) after	Hours
Water Injection Well Second producing format			
Second producing format	:ion	Pay zone depth (	f+)
Gas: Initial open flow	MCF/d C	Dil: Initial open flow	
Final open flow	MCF/d	minal ca	Bbl/d
Time of open flow	hotives initi	rinal open flow	Bbl/d
Static rock Pressure	perweeu iuiti	al and final tests	Hours
beaute fock Plessure	psig (s	surface pressure) after	Hours
		1	nours

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.

By: Line Company

Date: 12/6/93

#### TREATMENT:

Perforated:

2821 - 2825 8 Holes

Treated:

300 Gal. 15% HCL Acid, 258 Bbls. Gelled Water & 1600#

80/100 Sand & 4100# 20/40 Sand

#### WELL LOG:

Sand & Shale Sand Shale	0 - 522 522 - 546 546 - 562
Sand	562 - 628
Sand & Shale	628 - 742
Sand	742 - 756
Shale	756 - 818
Sand	818 - 836
Shale	836 - 876
Sand	876 - 892
Sand & Shale	892 - 1264
Sand	1264 - 1322
Shale	1322 - 1348
Sand	1348 - 1408
Shale	1408 - 1436
Sand	1436 - 1466
Sand & Shale	1466 - 1762
Sand	1762 - 1800
Sand & Shale	1800 - 1948
Little Lime	1948 - 1960
Pencil Cave	1960 - 1988
Big Lime	1988 - 2002
Shale	2002 - 2044
Big Injun	2044 - 2182
Sand & Shale	2182 - 2796
Stray	2796 - 2820
Gordon	2820 - 2830

DF-419

2962

T.D.

FORM (Obver	se)			E COPY  Gas
	APR	1	5	93
209	WV Environn	กะท	ision tal F	n of Protection



1) Date:	April	13,	93
2) Operator's Well No	JOHN J	. REILLY	<b>‡</b> J−17
3) SIC Code			
4 API Well N		103	- 1545-LI
	Stat	e Count	y Permit
5. UIC Permit	No		

Marced 05/12/93

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

								, připavánska, u		
6) WELL TY	PE: Liquid	d injection	<u>X</u> ,	Gas in	jection (	(not storage)	· .			
7) LOCATIO	N: Eleva	tion:	927'			Water				
	Distri		Green			Count	y: <u>Wetzel</u>	Quadrangle	: Centerpoint	
) WELL OP					s Co.	<u>3745</u> 0	9) DESIGNA	TED AGENT	Crews	
Ad			ox 5519				; <b>A</b> d	ldress P.O. Box	5519	
	, ,	<u>Vienna</u>		<u> 2610</u>				Vienna.	WV 26105	
) OIL & GAS					¥	e e e				
Name <u>Ra</u>						<u>Inderwo</u> od	II) DRILLING	CONTRACTOR:		
	111 B1.					Box 135	Name			
	<u>Mannin</u> 26582	gton.	WV	S	alem,	<u>WV 2</u> 6426	Address			
) PROPOSE	D WELL V	VORK:	Drill	X	√ Dril	l deeper		/ Stimulate	X /	
			Plug off	old	formati	on/ Perforale n	ew formation/	Convert/		
			Other ph	ysical	change	in well (specify)	<del> </del>			
) GEOLOGI	CAL TAR	GET FOR!	MATION,			Gordon 4 4		Depth 2807 feet	((top) to 2822 feet (b	otton
) Estimated	depth of co	mpleted w	ell, (or act	uai de	pth of e	xisting well) 29	<u>10f</u> t.			
S) Approxima	ite water sti	rata depth	s; Fresh,	107	<u>'</u>	feet; salt,_=	120 feet.			
) Approxima										
) Is coal beir	ng mined in	the area?	Yes	/ No.	<u>X</u> /					
) Virgin reser						psig. Source	ESTIMATE	D		
) Estimated r					3500		psig (BHFP)			
) MAXIMUI	M PROPOS	SED INJE	CTION OF	ERAT	IONS:	Volume per hour: _	25	Bottom hole press	ure2380	
								ES: Fresh water		ter
bacteri	cides,	and of	ther ch	emi	cals	as necessary	to maintai	n water quali	ty and improve	oi
) FILTERS	IF ANY):_	Cartr:	idge Fi	1te	cs an	d/or Coal Be		*		
) SPECIFIC	ATIONS F	OR CATH	ODIC PRO	OTEC	TION A	ND OTHER CORRO				
CASING A	ND TUBI	NG PROC	GRAM							
CASING OR	l .	SPEC	IFICATIONS .			FOOTAGE I	NTERVALS	CEMENT FILLUP	PACKERS	
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		
onductor									Kinds	
esh water	8 5/8	L.S	20	Х		200	200	Cement to		
oel .								Surface	Sizes	
termediate								1		
oduction	4 1/2	J-55	10.5	Х		2910	2910	Cement over	Depths set	
ibing								Salt Sand		
ners	1							July Dand	Perforations:	
	l						1		Top Botto	
	1								воло	***
	I						1			
S) APPLICA	NT'S OPE	RATING	NCHTS w	re aco	uired fr	w Wadswort	h Brothers,	<del></del>	ш	
				-			eptember 13.		83	4 1
J, 4004_								Book 65A		a in C
	# C L			JULIEV	CIEI'K S	OTHER IN	CASE	POOK DIA	31 530e ////	

FORM WW-3 Obverse	(A) &
	APR 1 5 93
	WV Division of Environmental Protection

SURFACE OWNER(S) OF RECORD TO BE SERVED

1)	Date	April	13,	1993	٠.	-
	Operator's					
7 }	Well No	TOIDI 1	T DE	TT T T7	4 -	

N/A

2) Well No.\_

3) SIC Code

7 (i) COAL OPERATOR

Address

API Well No. 47 - 103 -1545-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

(:)	W. amale	Public Land Corp.				<del></del>		
(1)						· · · · · · · · · · · · · · · · · · ·		
	Address_	Bldg. #3, Room 643	/ (11)	COAL	OWNER(S	) WITH DE	ECLARATION	ON RECORI
		1900 Kanawha Blvd., E.		Name				
(ii)	Name	Charleston, WV 25305		Addre	ss			
	Address					. Suggest Space	#	
	_	Dept. Natural Resources	7 (iii)	COAL	LESSEE V	WITH DECI	ARATION (	ON RECORD:
(iii)	Name	1304 Goose Run Road		Name				
	Address	Fairmont, WV 26554		Addre	88			
		ATTN: Gary Foster						
O THE	PERSON(S)	NAMED ABOVE: You should h	ave receive	ed thi	s Form	and the f	ollowing	documents
(1)	The App	lication for a Liquid Injec	tion or Wa	ste Di	sposal V	Well Work	Permit o	n Form
(2)		, which sets out the partie						, and
(2)	The pla	t (surveyor's map) showing	the well lo	ocatio	n on For	rm WW-6;	and	
(3)	The Con	struction and Reclamation P	lan on Form	n WW-9	(unles	s the wel	1 work is	e only

The date proposed for the first injection or waste disposal is , 19

to plug a well), which sets out the plan for erosion and sediment control and for

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.

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 delivered 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 personally examined and am familiar with the information submitted in this document 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.

reclamation for the site and access road.

PENNZOIL PRODUCTS COMPANY

Well Operator

Timothy P. Roush

Its Supervisor - Surveying/Mapping

Telephone (304) 422-6565