

Farm name: WVA. PUBLIC LANDS

Operator Well No.: M.J.REILLY 0-19

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

Well Operator's Report of Well Work

LOCATION:	Elevation:	1,438.00	Quadr	angle: Cl	ENTER POINT			
	District: Latitude: Longitude	3550 Fe	eet Sout eet West	h of 39	ounty: WETZE Deg. 30Min. Deg. 40 Min	. Sec.		
Р.	INZOIL PRODU O. BOX 5519 ENNA, WV 26			٠ .	   Used in     Drilling		Cement  Fill Up  Cu. Ft.	-   .
Agent: JAN	MES A. CREWS			Size	<u> </u>	 I	To	
Permit Issu Well work ( Well work (	RANDAL MICK led: Commenced: Completed: gging	05/25/94 08/28/94 09/23/94		:	710.85	710.85	surface 290 sks.	
Total Dept	gging granted on: Cable h (feet) r depths (ft	3656		4-1/2	3566'	   3566' 	300 sks.	
Salt water	depths (ft)	N/A						
Is coal be Coal Depth	ing mined ir s (ft):	n area (Y	<u>/N)?</u> <u>N</u>					-
Produ Gas:	DATA * Water  cing formati Initial open Final open Time of open c rock Press	ion (	Gordon  MCF  MCF	nitiai ar	id fillat tes	LS	nou	LO
	d producing Initial oper Final open Time of oper	flow be	tween i	nitial and	nd final tes	sts	Hou	/d rs
INTERVALS,	BACK OF THI FRACTURING IS A SYST COAL ENCOUN	OR STIN EMATIC DE	MULATINO ETAILED	GEOLOGI	CAL CHANGE,	ETC. 2)	. THE WE	יוין
		For:	PENNZO: By:	TL PRODUC	TS COMPANY			

#### TREATMENT

Perforated with 12 holes 3510-'3516'. Treated with 300 gallons 15% HCL acid, 293 barrels gelled water and 7000 # 20/40 sand.

### WELL LOG

(Measured depths, directionally drilled)

```
Sand & Shale
               0'-1078'
Sand
            1078'-1130'
Sand & Shale 1130'-1249'
Sand
            1249'-1262'
Shale
            1262'-1361'
Sand
            1361'-1377'
Sand & Shale 1377'-1451'
Sand
            1451'-1462'
Shale
            1462'-1590'
Sand & Shale 1590'-2266'
            2266'-2288'
Sand
Shale
            2288'-2583'
Sand
            2583'-2599'
Shale
            2599'-2710'
Sand
            2710'-2876'
            2876'-3472
Shale
Stray
             3472'-3494'
Gordon
            3494'-3534'
T.D.
            3656
```

APR 2 6 94



1) Date:	Apri	1 21	19 <u>94</u>
2) Operator's Well No.	M. J.	REILLY	<b>#0</b> –19

3) SIC Code

4 API Well NO.

5. UIC Permit No. \_

Issued 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

6) WELL TYP 7) LOCATION	•	· 1	X / (	Gas inj	ection (	not storage)Waters!	Waste disposal_ Pine7	Fork	
/) LOCATION	Distric		reen	-	3	County	U1	Ouadrangle	Centerpoint
8) WELL OPE			il Pro	duct	s Cor		9) DESIGNAT		A. Crews
	ionion .		Box 55			16.10			<b>Box</b> 5519
, AGC	lress	Vienna		2610	5		A30		a. WV 26105
	i i core		<del></del>		75				
0) OIL & GAS		Mike U	Inderwo	od	, · ½.		II) DRILLING	CONTRACTOR:	
Address_			2, Box				Name		
_		Salem,	<u>wv</u> 2	6426	· · · · · · · · · · · · · · · · · · ·		Address_		***************************************
12) PROPOSEI	) WELL W	VOBK.	Drill X		/ Drill	deeper		/ Stimulate_X	
NOTE:	his we	II to		المام		on_/ Perforale ne			
be drill		ection	10117			n well (specify)	w identification	Convert_/	
S 83° 28	3°E _ 98	5'				4/9		epth 3400 feet	(top) to 3415 feet(botto
						3500	<u>H.D.</u>	epuiieei	(100) toteet(botto
14) Estimated d	=	-		رعون سعين 61		disting well)	1645		
15) Approxima			1250		<u> </u>	feet; salt,	1043 See!		
16) Approxima		-			Ψ.				
<ol><li>17) Is coal bein</li></ol>				• /	$\frac{\mathbf{x}}{00}$		Estimated		
18) Virgin reser			75	<u> </u>		_psig. Source	ESCINACEO		
19) Estimated r			3016				psig (EHFP)		7221
						Volume per hour:	25	Bottom hole press	
21) DETAILE	IDENTIF	ICATIO	OF MAT	ERIAL	S TO B	E INJECTED, INCLI	UDING ADDITIVE	~J	, produced water
Dacterio							aintain wat	er quality an	d improve oil
22) FILTERS	IF ANY):_	Cartri	age an	10/0	coa.	lbed filters.	<del> </del>		recovery
23) SPECIFICA	ATIONS F	OR CATH	ODIC PR	OTEC	TION A	ND OTHER CORRO	SION CONTROL:		
24) CASING A	ND TUBI	NG PROC	JRAM -						
CASING OR	ı	SPEC	TEATIONS		. 1	FOOTAGE IN	TERVALS	CEMENT FILLUP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Let a well	OR SACES (Cubic feet)	
Conductor									E.mds
Fresh water	8-5/8	LS	20	X		688'	ó88 <b>'</b>	Cement to	
Coal								surface	Same
Intermediate									
Production	4-1/2	J-55	10.5	X		3500 <b>'</b>	3500'	Cement over	Depths set
Tubing	1		<u> </u>					salt sand	
Liners								1	Perforacions:
	1			<del>                                     </del>				1	Top Bottom
	1			<del>                                     </del>					, Joy BOXOM
		<del>                                     </del>	<b></b>	<del>                                     </del>	<del>                                     </del>		<b> </b>		<u> </u>
		<del>                                     </del>		<u> </u>	L	Mary J. R	leilly et al	1	L
25) APPLICA							eptember 23		1395 of record in
by deed_	/ le	Wase X	i			-		/.0	27/
		Wetzel		Ounte	Clark's	office in L	.ease	Book 49	at page 274

FORM	WW-3(A)	
Obver	se	

APR 2 6 94

1)	Date_	April	21,	1394
	Opera			

2) Well No. M. J. REILLY #0-19

3) SIC Code

API Well No. 47 - 103 - /633-6

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

) SUR	FACE OWN	ER(S) OF RECORD TO BE SERVED	7 (i)	COAL OPERATOR N/A Address
(i)	Name W	V Public Land Corporation		
	Address	Bldg. #3, Room 643	7 (ii)	COAL OWNER(S) WITH DECLARATION ON RECORD:
		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		
O THE	PERSON(S	NAMED ABOVE: You should have	e receiv	ed this Form and the following documents:
(1)				ste Disposal Well Work Permit on Form 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.

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.

Pennzo	21	<u>P:</u>	roc	ucts	Com	parv
	No.	1 1		mera	t 0 =	

y Limster P. Timethy P.

Its Supervisor, Surveying/Mapping

Telephone (304) 422-6565