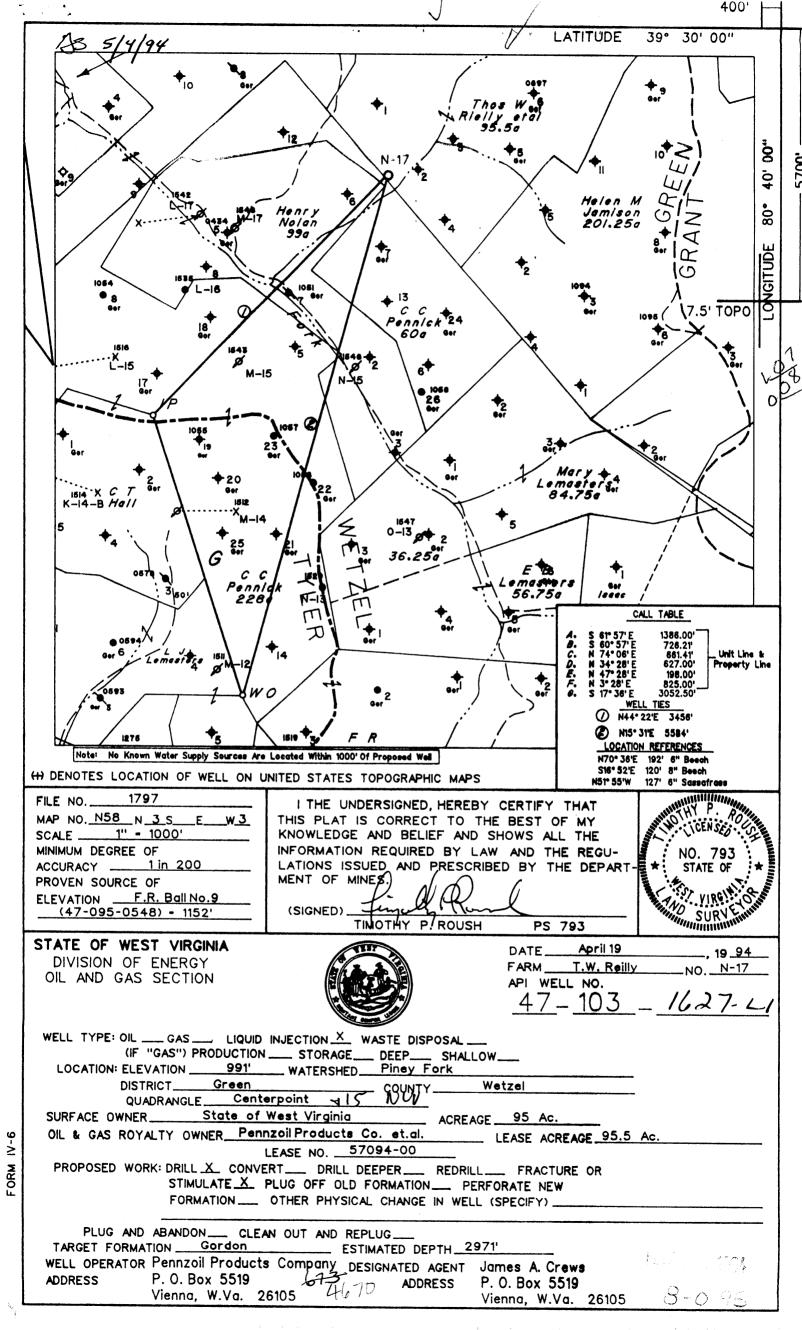
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Vienna, W.Va.

26105

Vienna, W.Va. 26105



K. T. S.

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

Well Operator's Report of Well Work

Farm name: WVA. PUBLIC LANDS Operator Well No.: TOM REILLY N-17 LOCATION: Elevation: 991.00 Quadrangle: CENTER POINT District: GREEN County: WETZEL 5700 Feet South of 39 Deg. 30Min. 400 Feet West of 80 Deg. 40 Min. Latitude: Sec. Longitude Sec. Company: PENNZOIL PRODUCTS COMPANY P. O. BOX 5519 Casing | Used in Left Cement VIENNA, WV 26105-5519 æ |Fill Up| Tubing | Drilling | in Well|Cu. Ft. Agent: JAMES A. CREWS Size To Inspector: RANDAL MICK surface 8-5/8 266 05/12/94 266 Permit Issued: 50 sks. Well work Commenced: 08/21/94 10/20/94 Well work Completed: Verbal Plugging Permission granted on: Rotary X Cable Total Depth (feet) Rig 3070 4-1/2 2993 300 sks. 2993 Fresh water depths (ft) N/A Salt water depths (ft) N/A Is coal being mined in area (Y/N)? N Coal Depths (ft): N/A OPEN FLOW DATA * Water Injection Well Producing formation Pay zone depth (ft) 2884-2933 Gordon Gas: Initial open flow *
Final open flow * MCF/d Oil: Initial open flow * Bbl/d MCF/d Final open flow * Bbl/d Final open flow * MCF/d Final open flow Time of open flow between initial and final tests Hours psig (surface pressure) after Static rock Pressure Hours Second producing formation Pay zone depth (ft) Gas: Initial open flow MCF/d Oil: Initial open flow Gas: Initial open flow MCF/d Oil: Initial open flow MCF/d Final open flow MCF/d Final tests Bbl/d 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: PENNZOIL PRODUÇTS COMPANY

> By: ___ Date:

TREATMENT

Perforated with 16 holes 2906'-2914'. Treated with 300 gallons 15% HCL acid, 460 barrels gelled water and 20,000# 20/40 sand.

WELL LOG

Sand & Shale	0'- 920'
Sand	920'- 948'
Shale	948'-1012'
Sand	1012'-1028'
Sand & Shale	1028'-1720
Sand	1720'-1786'
Shale	1786'-2078'
Big Injun	2078'-2256'
Shale	2256'-2870'
Stray	2870'-2874'
Gordon	2884'-2933'
T.D.	3070 '

FORM (Obve		FILE COPY
10/9	•	



1;	Date	April	21	, 19_	U
2)	Operator's THOM	IAS W.	REILLY		R
	SIC Code				1
4	API Well NO.	47 State	- 103 Count	y Perm	27
5 .	UIC Permit No.				

Top

at page

_, of record in the 408

Union National Bank of West Virginia

August 31 19 83

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

		J		OI EI		ONFIER	TAL PROTE	CIION,	OFFICE	OF UIL AND	GAS	pres Oslizi	46
)											•	
6) 7)	WELL TYP		tion:	N X 991'	Gas ir	ijection (S		A atershed	D	Fork) d	۰ رـ
8)	WELL OPE		Pennz	oil Pro Box 55 a, WV			mpany 46	County:	DESIGNAT	dress P	ames . 0.	A. Crews Fox 5519 a, WV 26105	_
10)	OIL & GAS Name Address		Mike	Underwo	ood			11) DRILLING Name Address_	CONTRACTOR			
12)	PROPOSE	D WELL	WORK:	Plug of	f old		l deeper ion_/ Performin well (specify	ale new		Stimulate	X		
13)	GEOLOGI	CAL TAR	GET FOR	•	•	Gordo				Depth 2871*	feetite	op) to 2886 feet(botte	— —
14)	Estimated of	depth of co	ompleted v	well, (or ac	tual de	pth of e	xisting well)	2971	ft.			, roreenoon	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
15)	Approxima	te water st	rata depth	ıs; Fresh.		171	feet: sal	. 11	98 feet				
16)	Approxima	te coal sea	m depths:	80	3								
17)	Is coal bein	g mined in	the area	? Yes	/ No	Χ,							
18)						100	psig. Source	•	Estimated	l			
19)				2	500				osig (BHFP)			*************************************	
20)			•		PERA	TIONS:	Volume per be	-	25	Bottom hole p		2332	
,	DETAILE	DIDENTI	FICATIO	N OF MAT	FRIA	S TO B	F INTECTED	INCL LIDI	NG ADDITIV	Freshwa	ter.	produced wate	- -
,	bacterio	ides a	and oth	ner che	mica	ils a	s needed	to mai	ntain wat	er quality a	and i	improve oil	
	FILTERS (Cartri	ldge an	d/or	coa	lbed filt	ers.				recovery.	—
23)		-	OR CATE	IODIC PR	OTEC	TION A	ND OTHER CO	DPPOSIO	N CONTROL .				
,					••••		O	JANOSIO	CONTROL				—
24)	CASING A	ND TUBI	NG PRO	GRAM									—
CA	SING OR	K	SPEC	IFICATIONS			l mar	AGE INTER	VALC	COMENT FILLA	(5 - 5 - 5 - 5	
	BING TYPE	Site	Grade	Weight per ft.	New	Used	For drilling	-GE IN EA	Left in well	OR SACKS (Cabic feet)		PACKERS	
Conc	ductor										Ĭ.	Kındı	_
Fresi	n water	8-5/8	LS	20	X		24.	1'	241'	Cement to			
Coel										surface	s	35	
Inter	mediate	1,75	<u> </u>	<u> </u>									_
Prod	uction	4-1/2	J-55	10.5	X		297	L'	2 971 '	Cement over	er D	epths set	
Tubi	ng .					<u></u>				salt sand			
Line	rs	A	ł				1	- 1		1		erforations	

County Clerk's office in See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

25) APPLICANT'S OPERATING RIGHTS were acquired from U

by deed / lease X / other contract / dated / Wetzel County Clerk's office in

APR 2 6 94

	1)	Date	April	21.	1994
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Operator's

2) Well No. THOMAS W. REILLY #K-17

3) SIC Code

API Well No. 47 - 103 -/62 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

su	RFACE OWN	ER(S) OF RECORD TO BE SERVED	7 (i)	COAL OPERATOR N/A
				Address
(i) NameV	VV 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		
	•			

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (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.

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.

Pennzoil Products Company

Well Operator

Tirot

Timothy P. Rous

Its Supervisor, Surveying, Mapping

Telephone (304) 422-6565