



**	-		_	_
w	/ K	' _	٦,	^

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

Well Operator's Report of Well Work

47 -103-	
	CEIVED Oil and Gas
	9 1998
Environmento	Protection

Coastal Lumber Company

Operator Well No.: McCoy Hrs. #G-2

LOCATION:

Elevation:

1057'

Quadrangle:

Pine Grove

District:

Green

County: Wetzel

30 Sec.

API#

Latitude: Longitude: 7,750' 11,400'

Feet south of Feet west of

39 Deg 32 Min 80 Deg 40 Min Sec.

Company:

PENNZOIL PRODUCTS COMPANY

P.O. BOX 5519

VIENNA, WV 26105-5519

Agent:

PHILIP S. ONDRUSEK

Inspector: Permit Issued: Mike Underwood

Well work Commenced: Well work Completed:

3/4/96 6/19/96 9/9/96

Verbal plugging

permission granted on:

Rotary Cable

Total Depth (feet)

Rig

Fresh water depths (ft)

3052' NA

Salt water depths (ft)

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

NA

Coal Depths (ft):

837

Casing &	Used in	Left	Cement
Tubing	Drilling	in Well	Fill Up Cu. Ft.
Size			
8-5/8"	307'	307'	150 Sacks
4 ½"	2995.85'	2995.85'	135 Sacks

OPEN FLOW DATA

*Well was drilled as a waterflood injection well. No open-flow data was obtained

Producing formation	Gordon	Pay zone depth (ft)	2,897
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 bet	ween initial and final	tests *	Hours	
Static rock pressure	* psig (sur	face pressure) after		Hours
Second producing formation	•	Pay zone depth ((ft)	
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 bet	ween initial and final	tests	Hours	
Static rock pressure	psig (sur	face pressure) after		Hours
NOTE: ON BACK OF THIS FORM, PUT THE FOR STIMULATING, PHYSICAL CHANGE, ET	FOLLOWING: 1) DETAILS	OF PERFORATED INTERV	ALS, FRACTU	RING
GEOLOGICAL RECORD OF ALL FORMATIO	NS, INCLUDING COAL E	NCOUNTERED BY THE WEI	LLBORE.	

For: PENNZOIL PRO

By: Date:

6

Treatment:

Perforated Gordon sand with 48 holes from 2900'-2908' K.B. Fractured with 300 gals 15% HCL and 200 bbls gelled water and 12,300 lbs. 20/40 sand

Well Log:

All depth are relative to K.B.

0	514	Sand and Shale
514	837	Shale
837	845	Coal
845	884	Shale
884	916	sand
916	1332	Shale
1332	1430	sand
1430	1620	Shale
1620	1668	sand
1668	1824	Shale
1824	1856	sand
1856	2062	Shale
2062	2133	Big Lime
2133	2317	Big Injun
2317	2869	Shale
2869	2886	Gordon Stray
2886	2897	Shale
2897	2917	Gordon
2917	3052	Shale

Z.Q

Obv		FILE		_COPY	FE	3 823 1 3	ໃຊ້ເຕີລະ ໃຊ້ເກີດ 1 938	ė.	-	ll No. Code	X	ebruary AcCoy He	oirs No.	
				į	ימט	D6 2.0			4) AP	Well No	State	103 Count		696 -L
					. x	110	of office		5) UI	Code	State	Count	y	Permit
		. 15 %	•		~~~						Ses	له و ، بد	041	09/96
)))	NOTICE (of Liqu	ID INJI	ZCTTON	OPU	E OF	WEST VI	RGINI	A					1116
4		or made	12 11.01	2011011	OR W		for the	al we	ILL WOI	KK PER	MIT APPI	JCATI	ON.	ا ۔۔ ا ہ
1		DIVISIO	N OF E	NVIRON	MEN			ION. C	OFFICE	OF OIL	AND GAS	بضرع	res	041091
	WELL TYP			d Injection			Gas In					- Disposa	1	4.4
	LOCATION	:	Elevation	1057	,	/	-	Wate	rshed	Fluber	ty Fork			
<u>.</u>		District	:	Green		-5 (County	Wetzel		Tiuna	Quadrangle	<u> </u>	Pine Gr	
5) ¥	WELL OPE	RATOR:	Pennzoil	Products	Compa	- nv ム	1070	9) DES	IGNATEI	ACENT	- `			
			P.O. Box					0, 550	IGNATEL	AGENI		S. Ondr D. Box 55		
			Vienna,	WV 26105	5							a, WV 2		
10)	OIL & GAS	INSPECTO	OR TO BE	NOTIFIE	D:			11) DR	ILLING C	ONTRAC				
			Mike Un					·		Name				
		Address	Route 2,							Address				
			Salem, V	VV 26426										
12)	PROPOSED	WELL WO	ORK:	Drill		X	Drill I			Redril		Stimulate	X	
						ld For		I	Perforate l	New Form	ation		Conver	rt
10\	G-1-2-14			Other			ge in Well (s	_					<u> </u>	
13)	Geological te	•			Gordo		419	Depth	293	37	Ft. (Top) t	2952	F	t. (Bottom)
14)	Estimated de	epth of cor	pleted we	oll (or actu	al dept	h of exi	sting well)	•		3057	<u>'</u> F	t.		
15)	Approximate	water str	ata depth	3:	Fresh		237	F	řt.		Salt		1264	Ft.
16)	Approximate	o coal seam	depths:				869	F	řt.		_			_
17)	Is coal being	mined in t	he area?				Yes	· · · · · · · · · · · · · · · · · · ·	х	No				
18)	Virgin reserv	oir pressu	re in targ	et formatio	n:		•	1400		- .	Source		T71-41	. •
19)	Estimated re									psig.	20m.ca		Estima	ted
20)	Maximum pr							3500		psig.				
							me per hour		5 bbl.	-	Bottom Hole	Pressure	2332 ps	sig.
21)	Detailed inde	entification	of materi	ials to be in	ajected	, includ	ing additives	s:	Fres	h water,	produced wat	er, bacte	ricides a	nd
								ecovery	•					
	Filters (if any			filters an										
23)	Specification	s for catho	dic protec	tion and of	her co	rosion	control:	_						
24)	CASING AN	D TILIDING	PPOCE	A3.G.										
	NG OR	D TOBING		am: FICATION	is		FOOT	AGE IN	TERVALS		CEMENT	CILLIE	l Dad	TUTTO
rubi	NG TYPE	Size	Grade	Weight	New	Used	For Drill	_	Left in		OR SAC		I ra	CKERS
Cond													Kinds	
	Water	8 5/8"	L.S.	20#	X		307		30	7	Cement To			
Coal										Ş:	Surface		Sizes	
	mediate action	4 1/2"	J-55	10.5						:				
ubin		7116	U-00	10.5	X		3057		305	7	Cement Ove	r	Depths	Set
iner											Salt Sand		Perfora	tion-
													Top	Bottom
														2000111
5)	APPLICANT	S OPERAT	'ING RIG	HTS were	acquir	ed from	1	John R.	McCoy et	al				
	by Deed		Lease	X			atract							

FORM WW	-3(A)	Charles in the Constitution of the Constitutio				
Obverse	ų į	* *	;	j		
	in the second	n	i Dividi Ponidi	en of Protection		

1) Date	February 6, 1996							
2) Well No.	Well No. McCoy Heirs No. G-2							
3) SIC Code								
4) API Well No.	47 -	103	· 168764-L1					
_	State	County	Pecmit					

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

			Dividion of Olding di	o, Dui mi	IMIMITAL OF	BNERGI	
3)	SURFA	CE OWN	VER(S) OF RECORD TO BE SERVED	7 (i)	COAL OPERA		
	(5) N	T	Coastal Lumbon Componer		Name	N/A	
	**	lame	Coastal Lumber Company		Address		
	Ado	iress	P.O. Box 979				
			Buckhannon, WV 26201	7 (ii)		ER WITH DECLARAT	ION ON RECORD:
	\ /	Varme	Elza and Joyce Anderson Jr.		Name	N/A	
	Ado	dress	H.C. 60, Box 294		Address		
		_	Reader, WV 26167				
	(iii) N	Vame		7(iii)	COAL LESS	EE WITH DECLARAT	TION ON RECORD:
	Ado	dress			Name	N/A	
					Address		
(2 (3 Γh	sets ou The pl The Co which e date p	at the plat (sur onstru- sets or ropose	ion for a Liquid Injection or Waste Dispersives involved in the drilling or other veyor's map) showing the well location and Reclamation Plan on Form with the plan for erosion and sediment of the first injection or waste disposed.	r work, an n on Form WW-9 (unle ontrol and sal is	d WW-6; and ess the well for reclama	work is only to pition for the site a	lug a well), and access road.
ΓH	E REAS	OY NC	U RECEIVED THESE DOCUMENTS IS T	THAT YOU	HAVE RIGH	TS REGARDING	THE APPLICATION
WI	HICH AR	E SUM	MARIZED IN THE "INSTRUCTIONS" O	N THE REV	ERSE SIDE	OF THE COPY OF	THE APPLICATION
F	DRM WW	7-3(B)) 1	DESIGNATED FOR YOU. HOWEVER, Y	OU ARE NO	OT REQUIRE	D TO TAKE ANY	ACTION AT ALL.
		pr	ake notice that under Chapter 22B of the voposes to file or has filed this Notice and	Application	and accompa		or a

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 Supervisor, Surveying/Mapping (304) 422-6565 Telephone

FORM	WW-3(B)	FILE COPY
(Reve	rse)	

/CISC/							
	e Carlos Arras de Carlos	ાં તો અર્થ					
	·	e. ope kal e i defi	OFFICE USE OF	NLY			
	47-103-1696-LI		DRILLING PER	MIT		4-9-96	
ermit number	- 47-103-0874- LT-	 `		•	March	4th.	19 96
		:	The state of the s	(세수) (100)	[Date	
No. 8) Prior to th listrict oil and ga		ons and pits for tual permitted and Application	or any permitted work. I work has commenced.	In addition, the well) I) construction and (operator or his creclamation plan,	ontractor shall not subject to any mod	ify the proper
Permit expires	-3-4-98 4- <u>9</u>	9-98	unless well w	ork is commenced p	rior to that date a	nd prosecuted with	due diligence
Bond:	Agent: Plat:	Casine	2012 b 0924	whole	DW_	Dours	
NOTE: Keep or	ne copy of this permit posted (at the drilling l	ocation.	CHIEF, OFFI	CE OF OIL	AND GAS	
	PERMIT MODIFIC	ATIONS AND	CONDITIONS (IF A	NY) TO THE PRO	POSED WELL V	VORK	
	e de la composition della comp						
					•	*	
						,	
			OFFICE USE O	NI Y			
This part of For	m IV-3(b) is to record the date	r of certain or					
ims part or ron	in 14-3(0) is to record the date	S OI CEILMIN OC	Autrences and any folio	w-up inspections.			

Application received

Follow-up inspection(s)

Well work started

"""

Total depth reached

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason:

Reason: