



TACHEL WRIGHT 3

7'5 OGIS topo location

Company \_\_\_\_

Farm \_\_\_\_

Quad PINE GROVE 7/2'
County WETZEL

District <u>GREEN</u>

WELL LOCATION MAP

File No. 103 - 0906

1.765 1.38w

Latitude

Topo Location

7.5' Loc	15' Loc (calc.)

Company South Penn

Farm Rachael Wright #3

15' Quad \_\_\_\_\_\_ (sec.)

7.5' Quad Pine Grove

District Green

WELL LOCATION PLAT

County 103 Permit 70498
(63 966

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

Well Operator's Report of Well Work

Farm name:

Haught, Sanford Joe

Office of the Leep

JAN 2: ,

Operator Well No.: Rachael Wright #3

LOCATION:

Elevation:

Environt at

854.00

Quadrangle: Pine Grove

District: Latitude: Green

County: Wetzel 9,300 Feet south of

Longitude:

7,300 Feet west of

39 Deg 32 Min 30 Sec. 80 Deg 40 Min 00 Sec.

Company:

PENNZOIL PRODUCTS COMPANY

P.O. BOX 5519

VIENNA, WV 26105-5519

Agent:

PHILIP S. ONDRUSEK

Inspector:

Permit Issued:

Randal Mick

Well work Commenced:

9/9/96 11/19/96

5/7/96

Well work Completed: Verbal plugging

permission granted on:

Rotary

Rig Cable 2697'

Total Depth (feet) Fresh water depths (ft)

NA

NA

Salt water depths (ft)

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

·)	NA -	IN
-		-

	Casing	Used in	Left	Cement
	&			Fill Up
	Tubing	Drilling	in Well	Cu. Ft.
	Size			
	5.20	•		
	,		!	
ı				
	6 5/8"	1911.00'	1911.00'	Eviatina Casina
	0 3/6	1911.00	1911.00	Existing Casing
1				
	5 3/16"	2123.00'	2123.00'	Existing Casing
	0 0.10		-120.00	Emouris Cusing
	3 1/2"	2694.43'	2694.43'	300 Sacks
		Note: P	ulled 4 x 4.5" Li	ner

OPEN	FLOW	DATA
------	------	------

Producing formation

\*Well was converted to a waterflood injection well. No open-flow data was obtained.

Produc	ing formation	Gordon	Pay zone	e depth (ft)		2681-2693
Gas:	Initial open flow	* MCF/d	Oil: Initial open fl	ow	*	Bbl/d
	Final open flow	* MCF/d	Final open flo	w	*	Bbl/d
	Time of open flow between	een initial and fina		*	Hours	
Static r	ock pressure	* psig (su	ırface pressure)	after		Hours
	producing formation			e depth (ft)		
Gas:	Initial open flow	MCF/d	Oil: Initial open fl	ow		Bbl/d
	Final open flow	MCF/d	Final open flo	w		Bbl/d
	Time of open flow between	een initial and fina	l tests	•	Hours	
Static r	ock pressure	psig (su	ırface pressure)	after	•	Hours
NI DACE	OF THE FORM DIFF THE FO	II OWNIG. 1) DEMAN	I C OF DEDUCE A MED			

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: PENNZC	IL PRODUCTS	COMPAN	<b>Y</b> )
By:	fund	MZ	(
Date:	1 1/3/9	ラ	

JAM 2 4 1997

**Treatment:** 

Perforations:

2682' - 2686' - 4 holes/ft.(16 holes)

Teatment:

Treated via 3.5" Casing with 300 gals. 15% HCl, 208 bbls.

Borate cross-linked gelled water and 10,800 lbs. of 20/40 sand.

Well Log:

Note: See Original Well Record.

# SOUTH PENN OIL COMPANY—COMPLETION

		"- COMPAN	<b>V</b> ~	
SERIAL NO		/3/4	-I-COMPLET	ION
SERIAL NOF ELEVATION LEASE NO WATERS OFPINIT	ARM KACI	el Tright.		.014
LEASE NO	N5 am		- w	ELL NO. 3
WATERS TITAL				w .
DISTRICT Greens				
DISTRICT GREENS DRILLING COMMENCED  SANDS  PGH. COAL GRESSMAN	1713-100M	Yotzol.		
SANDE	1000	COMPLETED C	17-1800	Va.
PGH. COAL CHESTON	Top	Воттом	ELEV. TOP	РТН 2697
Big Injun Sand				CASING 71
Stray Sand	19491	20991	10"	390!
Gordon Sand.	2655 t		811	1150
	2681	26931	6-5/	1911
			5-3/1	8" 2123
INITIAL PROD. 10. BI			PACKERS	AND DEPTH SET
CAR	ols.			
Sugar 1/24 7/10/		SAND COLD	On DEPTH	26731
REMARKS 6/70 QUAR	TS30	7/120	***************************************	W LL I . L.
0/30-100	2 120	0/60=10	CO 70gts	
SAND Cordon DEPTH 2673'  SHOT 1/24-1809 QUARTS 30  REMARKS 6/30-1902 120 qts. 5/17-1904 60qts.  C/12 1911 150qts.  REPORTED BY Liney District.				
REPORTED BY Tiney D	istrict.	TO SULTE		Q.0
ment of the contract of the co			ABANDONED	
		and and a second second second		

103-906

47-103-0404

FORM WW-3(B)
Obverse
10/91

TILEREC	CE Of C	IV Oil d	COPY Gas on	
V63	1	2	1996	

WV Division of Environmental Protection

1)	Date
2)	Well No.
3)	SIC Code

April 9, 1996

Rachael	Wright	No.3
		210.0

0906 -LI

47 -	103 -	0906
State	County	Permit

5) UIC Code

4) API Well No.

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION

for the

							ON. OFFICE OF OIL AND GAS								
•	WELL TYPE: Liquid Injection X						Gas Injection	las Injection			Was	Waste Disposal			
	LOCATION:		Elevation	854		B) c		atershe	ed	Piney					
		District	<del></del>	Green			·	tzel			_Quadrang	rle ]	Pine Gro	ve ک	
	WELL OPERATOR: Pennzoil Products Company 4070						70 9) I	9) DESIGNATED AGENT:					Philip S. Ondrusek		
	P.O. Box 5519											P.O. Box 5519			
	Vienna, WV 26105 37						37450	•			Vie	nna, WV 2	6105		
.0)	OIL & GAS INSPECTOR TO BE NOTIFIED:						11)	DRILL	ING CO	NTRAC	CTOR:				
		Name	Mike Un	derwood			•	Name							
	Address Route 2, Box 135									Addres	8				
			Salem, W	V 26426											
<b>(2)</b>	x	Convert	To Water	Injection			Drill Deep	er		Redril	11	Stimulate	X		
						Formation Perforate New			w Forn						
				Other I			e in Well (specif	<del>y)</del>					-		
3)	Geological tar	rget forma	tion		Gordo	<u>410</u>	1 Dej	oth	2681		Ft. (Top) t	2693	F	t. (Bottom	
4)	Estimated de	Estimated depth of completed well (or actual depth of existing w					ting well)			269	7	Ft.		-	
15)	Approximate	water str	ata deptha	:	Fresh		NA	Ft.		-	Salt		NA	Ft.	
<b>(6)</b>	Approximate	coal seam	depths:				62 <del>4</del>	Ft.						_	
17)	Is coal being	mined in t	he area?				Yes		X	No					
8)	Virgin reservoir pressure in target formation:					. 140	00		psig.	Source		Estima	ted		
9)	Estimated reservoir fracture pressure:					35	00		psig.						
20)	Maximum pro	posed inj	ection ope	rations:		Volu	ne per hour	25 b	bl.	_	Bottom Ho	le Pressure	2332 ps	ig.	
21)	Detailed inde						ng additives: mprove oil recov	very.	Fresh	water,	produced w	vater, bacte	ricides s	nd	
2)	Filters (if any	):	Cartridge	filters an	d∕or ∞	al bed fi	lters								
3)	Specifications	for catho	dic protec	tion and o	ther co	rosion	control:								
24)	CASING AN	TIRING	PROGR	Δ <b>M</b> ·										<del></del>	
•	ING OR	l		FICATION	1S	1	FOOTAGE	INTE	RVALS		I CEMEN	T FILLUP	I PA	CKERS	
UE	ING TYPE	Size	Grade	Weight		Used	For Drilling	- [	Left in V	Vell	1	SACKS			
on	luctor												Kinds		
res	h Water	6 5/8"					1911'		1911'	-	Existing (	Casing			
<b>loal</b>													Sizes		
nte	rmediate														
roc	luction	5 0/10"					2126		2123'		Existing	asing	Depths	Set	
ubi	ng	41/2					2997		299	2	Per 39	2.18.11.			
ine	rs												Perfora	tions	
													Тор	Bottom	
					L										
5)	APPLICANT	S OPERA'	TING RIG	HTS were	acquir	ed from	Rac	hael W	right et	a)					

FORM WW-3(A) Obverse

RECEIVED
Office of Oil & Gas
UIC Section APR 1 2 1996 WV Division of Environmental Protection

SURFACE OWNER(S) OF RECORD TO BE SERVED

1) Date	April 9, 1996									
2) Well No.	Rachael Wright No.3									
3) SIC Code										
4) API Well No.	47	-	103	•	0906 - 41					
•	State		County		Permit					

### STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION for the

7 (i) COAL OPERATOR:

## DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY

		Name N/A
(i)	Name Santford Joe Haught	Address
	Address H.C. 60, Box 295	
	Reader, WV 26167	7 (ii) COAL OWNER WITH DECLARATION ON RECORD:
(ii)	Name	Name N/A
` '	Address	Address
(iii)	Name	7(iii) COAL LESSEE WITH DECLARATION ON RECORD:
, ,	Address	- Name N/A
•	· ·	Address
TO	•	
(1) V	Convert !	To Water Injection
(1) X	out the parties involved in the drilling or ot	•
Sets	plat (surveyor's map) showing the well loca	ation on Form WW-6: and
(2) The	Construction and Declaration Plan on Form	m WW-9 (unless the well work is only to plug a well),
(3) Tue	construction and Reciamation Flan on For	nt control and for reclamation for the site and access road.
wni	ch sets out the plan for erosion and sedmen	it control and for rectamation for the site and access road.
	e proposed for the first injection or waste dis	
THE REA	ASON YOU RECEIVED THESE DOCUMENTS	IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION
		ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION
		R, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.
(1 01411 .		
	Take notice that under Chapter 22B of the	the West Virginia Code, the undersigned well operator
	proposes to file or has filed this Notice a	and Application and accompanying documents for a
	Well Work Permit with the Director of the	the Division of Oil and Gas, West Virginia Department
	of Energy, with respect to a well at the le	location described on the attached Application and
	depicted on attached Form WW-6. Copie	es of this Notice, the Application, the plat, and the
	Construction and Reclamation Plan have	re been mailed by registered or certified mail or delivered
		or by publication in certain circumstances) on or before
	the day of mailing or delivery to the Dire	rector.
The per	son signing this document shall make the fo	ollowing certification:
		December 1 December 1
"I c	ertify under penalty of law that I have	Pennzoil Products Company
	sonally examined and am familiar with the	
	ormation submitted in this document and all	ш / <i>∤ ///</i> // ) о
	achments and that, based on my inquiry of	Box Star Delete
	se individuals immediately responsible for	By fundly t
	aining the information, I believe that the	Its Supervisor, Surveying/Mapping
	ormation is true, accurate, and complete. I	
	aware that there are significant penalties for	
	omitting false information, including the	Telephone (304) 422-6565
pos	ssibility of fine and imprisonment."	

. :		ंचल (१६)		•		÷	5.489	PA PS
	the sec	10 to	OFFICE USI					502 602
			DRILLING I	PERMIT				Ta shirth da.
	/7 100 0004 5	•				Y 7:1		
Permit number	47-103-0906-LI			· .	<del></del>	May 7th.	19	96
This permit coveri	ng the well operator and w	ell location shows	n below is evidenc	ce of permission i	granted to dril	Date I in accordance w	ith the pertinent	egal
quirements subject No. 8) Prior to the	to the conditions contained construction of roads, local inspector 24 hours before	I herein and on thations and pits for	e reverse hereof.  any permitted we	Notification mus ork. In addition,	t be given to th	ne District Oil and	Cas Inspector (I	Dafar ta
	k is as described in the Notic		-		on and reclama	ation plan, subject	to any modification	ons and
Permit expires	5-7-98	<u> </u>	unless v	vell work is comm	enced prior to	that date and pros	cuted with due di	ligence.
Bond:	Agent: Plat:		Fee L H D30/344	147	Mila	F OIL AND	Jaus	· ·
					. **			
	PERMIT MODIFI	CATIONS AND	CONDITIONS (	IF ANY) TO TH	E PROPOSED	WELL WORK		
		en e					•	
	•			the second second	The second of th			
		5. 4	•		÷.		* 8.2	•
•								
	· .							
							•	
		<del></del>	OFFICE US	E ONLY				
This part of Form	n IV-3(b) is to record the da	ites of certain occ			tions.			
		Data	•	¥*				
Application receiv		Date	- tingle	Follo	w-up inspection	n/s)	Date(s)	
Well work started				Follo	w-up inspection	(*)		
Total depth reach						•		
•								
Well Record recei								
Reclamation com	-				•• ••			
OTHER INSPEC	TIONS						A	
Reason:			•	<del></del>			. ;	
Person		4				,		