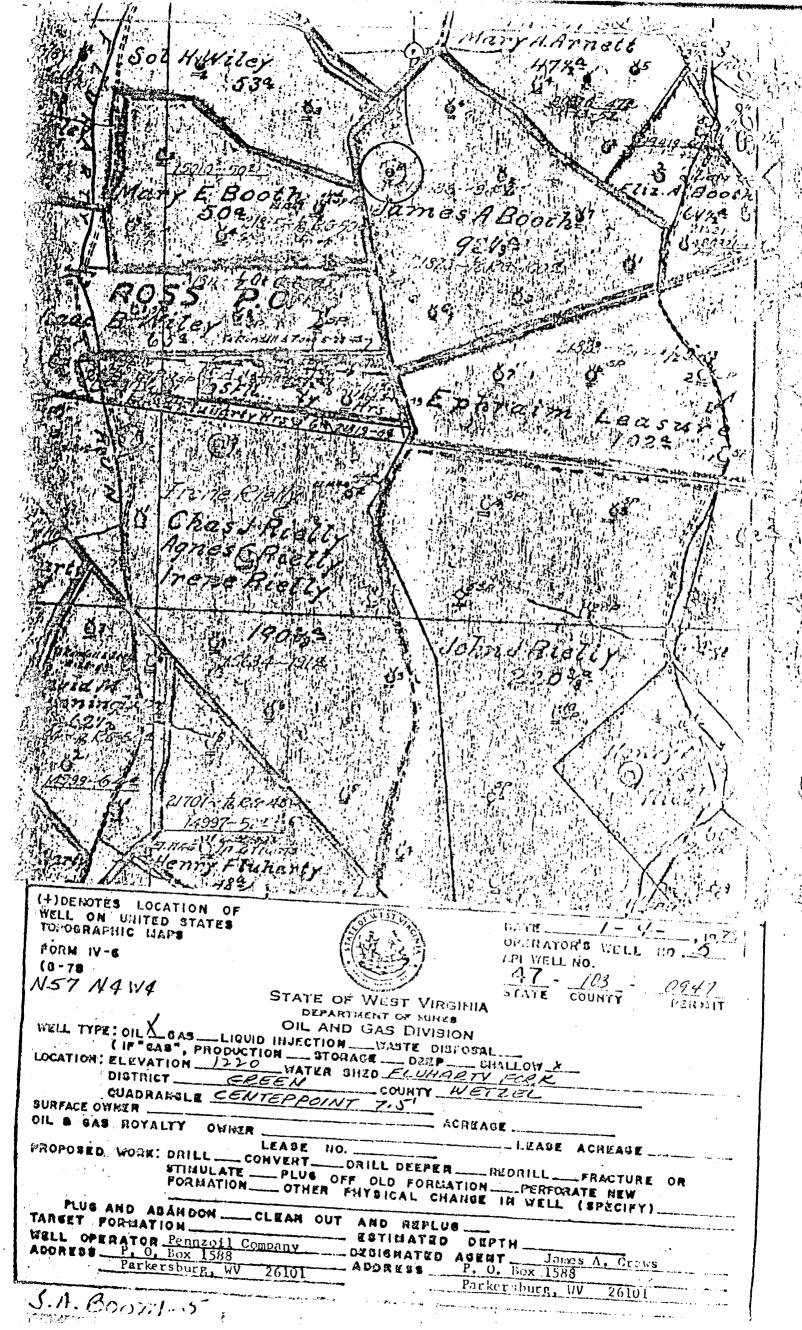


FORM IV-6



WV Dictionmental rectects APR 1 6 : 16

State of West Virginia Division of Environmental Protection

• • • •	36.30	Se	ection of C)il and	i Gas			en de la companya de La companya de la co
P: Office	ermit" : ; of Oi, _ Jas	Well Open	rator's Re	port o	of Well W	ork		Marie Marie
Farm name:	PITTMAN, J	OHN & STANLI	EΥ	Oper	ator Well	No.: J.A. E	300TH #5	
LOCATION:	Elevation:	1,217	•	Quad	Irangle:	PINE GRO	VE, or the	
	District: Latitude: Longitude:	GREEN 15,100 Feet 6,800 Feet		39	-	IZEL Min 30 Min 0	Sec.	
Company:	P.O. BOX 55	PRODUCTS CO 119 V 26105-5519	MPANY		Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Agent:	PHILIP S. O	NDRUSEK			Size			
Inspector: Permit Issued:	RANDAL M	9/6/985			10	680	680	
Well work Con Well work Con Verbal plugging	npleted:	1/18/96 3/29/96	_		8 1/4	792'	792'	
permission gran Rotary Total Depth (fe	nted on: Cable et)	Rig 3,099'			6 5/8"	2495'	2495'	
Fresh water dept		NA NA			4 ½"	3093.45	3093.45	250 SKS
Is coal being m Coal Depths (for		/N) NA .						
OPEN FLOW	DATA	* Water Injecti	on Well					
Produc	cing formation		Gordon			Pay zone d	lepth (ft)	3072-3086
Gas:	Initial open f					al open flow	***************************************	* Bbl/d
	Final open fl			ICF/d		al open flow	* Hour	*Bbl/d .
Static	rock pressure	en flow between			urface pre	-		* Hours
Second producing formation Pay zone depth (ft)								
Gas:	Initial open f		N	/ICF/d	Oil: Initi	al open flov	v	Bbl/d
Final open flow MCF/d Final open flow Bbl/d								
Time of open flow between initial and final tests Hours								
Static rock pressurepsig (surface pressure) afterHours								
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 ENCOUNTEREDBY THE WELLBORE.								

> For: PENNZOIL PRODUCTS/COMPANY By: Date:

Treatment: Perforated Gordon 3082'-3085' (12 Holes) Treated J/A 4 1/2" CSG 300 gal 15% HCl Acid, 225 BBL gelled water & 11,000 LB 20/40 sand

MINITEDAKA LAKSIPAK

chausel liceste

Burgha Maria Barangan Burgan Barangan

Well Log: SEE ORIGINAL RECORD

SOUTH	PENN OI	L COMPA	NYCOM	(D) ET	~~
SERIAL NO FA ELEVATION /220 LEASE NO WATERS OF 1:012 DISTRICT GROCEO DRILLING COMMENCED 10 SANDS	nn <u>Juraa</u> - N. 4.	Booth.	23/1-3		LL No 5.
Pan Coal assessed	Top	BOTTOM	2/27-189 ELEV. TOP		TH 3090
Spran Carrier Still "	2270 3 025 .	2410' 3086'		10"	
INITIAL PROD 10	31-7			PACKERS	AND DEPTH SET
INITIAL PROD. 10 I GAS TEST SHOT 12/23-1895UAI REMARKS 1200te. Thom of c	Show of	= 5/21-J	0160qt	:s. <u>11</u>	

21073

AUG 0 3 1995

)	Operator's Well No	James	Booth	No.	

3) SIC Code 4 API Well NO.

5. UIC Permit No.

0947ーレ 103 County

WV Division of Environmental Protection
STATE OF WEST VIRGINIA

Dasued 09/06/95

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION for the DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WELL TYPE:	Liquid i	njection_	X / Ga 1217	s injec	tion (no	t storage)	Waste disposal_ Piney F		5
LOCATION:	Elevatio			6)	Watershed	11-41		Pine Grove
	District:		en	<u>(2)</u>		County: _ 37450	WELZEL	DAGENT Phili	n S. Ondrusek
WELL OPER			11 Produ				•	n 0	Box 5519
Addre	779		Box 5519			670	Addi		a, WV 26105
		ienna		6105				<u> </u>	<u>u, </u>
OIL & GAS J	NSPECTO	R TO BI	NOTIFIE	D				CONTRACTOR	
Name MIR	te unae	LMOOG					II) DRILLING	CONTRACTOR:	
AAAATPEE	Route 2		6426				Name		
	Salem,	WV Z	0420				Address		
						•	7 Badeill	/ Stimulate	/
PROPOSED	WELL W	ORK:	Drill		Drill	deeper			
						Perforate new	Tormation	Collvert_/	
					hange in Gordor	well (specify)		epth 3072 feet(top) to 3086 feet (bott
GEOLOGIC	AL TARG	ET FORN	AATION, _			2000	ft.	сриі	
Estimated de				al depi 397	th of exi	142	1/4		
Approximate	water stra	ita depthi	s; Fresh,—			_feet; salt,	feet.		
Approximate	coal seam	depths:							
Is coal being	mined in	the area?	Yes/	No_	<u>x</u> /	Fe	timated		
Virgin reserv	oir pressur	e in targe	formation	120	50	psig. Source Es	_		
Estimated re	servoir frac	ture pres	sure				psig (BHFP) 25	Bottom hole pressu	2332
MAXIMUM	PROPOS	ED INJE	CTION OP	ERAT	IONS:	Volume per hour:		Bottom note presso	produced was
DETAILED	IDENTIF	ICATION	OF MATE	RIAL	STOBE	INJECTED, INCLU	DING ADDIIIVI naintain wa	ter quality a	r, produced war nd improve oil
	Clues d							1	recovery
FILTERS (I	F ANY): _					d/or coal bed			
) SPECIFICA	TIONS FO	OR CATH	HODIC PRO	TECT	MA MOIT	ID OTHER CORROS	SION CONTROL:		
) CASING A	ND TUBII	NG PRO	GRAM					_	
ASING OR	ı	SPEC	CIFICATIONS		. 1	FOOTAGE IN	TERVALS	CEMENT FILLUP OR SACKS	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
nductor	332	9,555							Kinds
nductor	Se	e orig	inal we	11	recor	d			
sh water	1		1						Sizes
oal	 								
termediate	4-1/2	J-55	10.5	X		3090'	3090'	cement to	Depths set
roduction	 							2600'	
	#	1	1	\vdash	1				Perforations:
	 		+	 					Top Botto
	11	1		+	+	*	1		11
iners	 			1	1	1	1	11	1
					 				
			PICLITE		quired fo	Jam	es A. & M.	E. Booth	

FORM WW-3(A) Obverse

RECEIVED
Office of Oil & Gas
UIC Section

AUG 0 3 1995

1)	Date	July	31,	1995
	Operate	2210		

Operator's Well No. J. A. Booth No. 5

2)

3)

4)

SIC Code

API Well No. 47 - 103 - 0947-11 State County Permit

WV Division of Environmental Protestion as VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION for the

4	DIVISION OF OIL AN	D GAS, DE	PARTMENT OF ENERGY
	FACE OWNER(S) OF RECORD TO BE SERVED	7 (i)	COAL OPERATOR N/A Address
(i)	Name John & Stanley Pittman		
	Address P. O. Box 10	7 (ii)	COAL OWNER(S) WITH DECLARATION ON RECORD:
	Reader, WV 26167		••
(ii)	Name		NameAddress
(/	Address		
	Address	7 (333)	COAL LESSEE WITH DECLARATION ON RECORD:
(222)	No.	/ (111)	•
(111)	Name		Name
	Address		Address
TO THE	PERSON(S) NAMED ABOVE: You should have	ve receive	ed this Form and the following documents:
(1)			ste Disposal Well Work Permit on Form
	WW-3(B), which sets out the parties		
	The plat (surveyor's map) showing the		
(3)	The Construction and Reclamation Pla	an on Fort	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	n or waste	e disposal is, 19
IRE KEA	SON YOU RECEIVED THESE DOCUMENTS IS THE	HAT YOU HA	AVE RIGHTS REGARDING THE APPLICATION
WHICH A	RE SUMMARIZED IN THE "INSTRUCTIONS" OF	N THE REV	ERSE SIDE OF THE COPY OF THE APPLICATION
_(FORM W	W-3(B)) DESIGNATED FOR YOU. HOWEVER,	YOU ARE	NOT REQUIRED TO TAKE ANY ACTION AT ALL.
Take no	tice that under Chapter 22B of the Wes	et Virgin	is Code the undersigned well operator
Dropose	s to file or has filed this Notice and	Annidae	tia code, the undersigned well operator
Well We	al Domit with the Divertor of the Div	Applica	lion and accompanying documents for a
	rk Permit with the Director of the Div		
of Lner	gy, with respect to a well at the loca	ation des	cribed on the attached Application and
	d on attached Form WW-6. Copies of the		
Constru	ction and Reclamation Plan have been m	nailed by	registered or certified mail or deliv-
ered by	hand to the person(s) named above (or	r by publ	ication in certain circumstances) on or
before	the day of mailing or delivery to the	Director	•
7			
The per	son signing this document shall make t	the	
followi	ng certification:		
117	certify under penalty of law that I h	h a	PENNZOIL PRODUCTS COMPANY
7	manually ander penalty of law that I h	nave	
	rsonally examined and am familiar with		Well Operator
	formation submitted in this document a		() (Timethe P. Bayal
	tachments and that, based on my inquir	•	By Timothy P. Rousi
	ose individuals immediately responsib		
	taining the information, I believe the		Its Supervisor, Surveying/Mapping
	formation is true, accurate, and comp		(20/) /20 /5/5
	aware that there are significant pena		r Telephone (304) 422-6565
	bmitting false information, including	the	
ро	ssibility of fine and imprisonment.		