(**0**9a)

6-6

Wilbur

NC.

RECEIVED OCT 04 1990 DEPT. OF ENERGY

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: JAMES S. JEFFERS

Operator Well No.: UNION NAT'l 4

LOCATION:

wk-55

Elevation: 1280.00 Quadrangle: SHIRLEY

District: MCELROY Latitude: 11370 Fe

County: TYLER
Deg. 25Min. 0 Sec.
Deg. 45 Min. 0 Sec. Latitude: 11370 Feet South of 39 Longitude 8660 Feet West of 80

Company:STONEWALL GAS COMPANY

909 E. MAIN ST. P.O. BOX 1575 | Casing | Used in | Left | Coment

RICHMOND, VA 23219-1575

JESSE A. SHELL Agent:

Inspector: GLEN P. ROBINSON Permit Issued: 07/16/90 Well work Commenced: 09-04-90 Well work Completed: 09-10-90 Verbal Plugging Permission granted on:_ Rotary X Cable Total Depth (feet) 5500
Fresh water depths (ft)

<u>75</u> Salt water depths (ft)

1065 & 1775

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

	& ·	l osea III	reit	Cement
İ	Tubing	Drilling	in Well	Fill Up Cu. Ft.
	Size	 	 	
İ	11_3/4	99	99	50 SKS
	8 5/8	1331	1331	310 SKS
	4_ <u>1/2</u>	5314	5314	710 SKS
1.		· '		•

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 5272

Gas: Initial open flow * MCF/d Oil: Initial open flow 0 Bbl
Final open flow 1302 MCF/d Final open flow 0 Bbl
Time of open flow between initial and final tests 1 Hou Producing formation 0 Bbl/d 0 Bbl/d 1 Hours Static rock Pressure 1625 psig (surface pressure) after 168 Hours Second producing formation RILEY

Gas: Initial open flow * MCF/d Oil: Initial open flow 0 Bbl/d Final open flow 1302 MCF/d Final open flow 0 Bbl/d Time of open flow between initial and final tests 1 Hours Static rock Pressure 1625 psig (surface pressure) after 168 Hours * UNABLE TO DETERMINE DUE TO NATURAL FLOW FROM INJUN Pay zone depth (ft) 4832

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: STONEWALL GAS COMPANY

"Inl By: OCTOBER 1990

RAY M. FREAR, JR. PETROLEUM ENGINEER

> OCT 5 1990

				38V130334
STAGE 2	FRAC WATER	DATE	09-20-90	$f_{ij}(\theta m_{ij})$
ZONES	PERFS	HOLES	BBL	\ BP \ ISIP
BENSON RILEY FORMATION	5272-5278 4832-4850 COLOR	18 16 HARD/S	700 600 OFT TOP BO	1900 1630 2300 1950 OTTOM REMARKS
TOP SOIL RR & SHALE SAND & SHALE SAND & SHALE COAL SAND & SHALE SAND SAND & SHALE SAND SAND & SHALE COAL SAND & SHALE COAL SAND & SHALE COAL SAND & SHALE COAL SAND & SHALE COAL SAND & SHALE COAL SAND & SHALE COAL SAND & SHALE RILEY SAND & SHALE RILEY SAND& SHALE BENSON TD	BROWN 0 GRAY 5 GRAY 90 BROWN 102 BLACK 210 GRAY 215 TAN 440 GRAY 535 TAN 723 GRAY 765 BLACK 912 GRAY 917 BROWN 2129 GRAY 2140 BROWN 2129 GRAY 2241 GRAY 2382 GRAY 2950 GRAY 2950 GRAY 2995 BROWN 4790 GRAY 4798 BROWN 5235 5500	5 25 90 102 210 215 440 535 723 765 912 917 2129 2140 2160 2241 2382 2950 2995 4790 4798 5235 5280	GAS CK 2277 GAS CK 2307 GAS CK 2369 GAS CK 3051 GAS CK 3486 GAS CK 4263 GAS CK 4823	NO SHOW 30710 2" W/M 30/10 2" W/M 30/10 2" W/M 20/10 2" W/M 20/10 2" W/M 20/10 2" W/M

(560)

Desura 7/16/90 Expues 7/16/92 Page 05

FORM WW-2B

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STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION 47

• •				SUB		7850
1) Well	Operator:		STO	NEWALL GAS	COMPANY -	7830 7800 (5) 606
2) Operat	or's Wel	l Number:	UNION NA	AT'L BANK #	4 3)	Elevation: 1280'
4) Well t	Ype: (a)	011_/	or G	as <u>X</u> /		blevacion: 1200
••	(b)	If Gas:	Producti De	on/ Under	ground Stor	age/ low ^X _/
5) Propos	ed Target	Formatio		BENSON 435	Dild1	
			5375			
7) Approximate fresh water strata depths: 80' '2/0'						
8) Approximate salt water depths: 7 475' & 590' OK						
9) Approximate coal seam depths: 420'						
						Yes/ No_X/
11) Propose	d Well Wo	ork: DRII	L & STIMU	LATE A/n		res/ No_X/
12)				10 64	railee	
e e e e e e e e e e e e e e e e e e e	•	CASIN	G AND TUB	ING PROGRAM		
TYPE			IONS		NTERVALS	
A1 4/18/90		Grade	Weight per ft.	For	Left in	Fill-up
Conductor	11 3/4"		2 8:#	100		(cu. ft.)
Fresh Water				100	100 CTS	18-11.3
Coal						
Intermediate	8 5/8"		20#	1350	1350 CTS	38 CSR 18-11.2 2.
Production ,	4 1/2"		10.5#	5325	5325	38 CSR . 18-11.1
Tubing						
iners						0
ACKERS : Kind			·			- Min
Size Dept	hs set _					011 2 3 00
6862	Ęσ	ž Divison	of Oil ar	nd Gasallea	0-1	Oil and Gas Service
For Divison of Oil and Gas Use Only Fee(s) paid: Well Work Permit Reclamation Find						
# Plat	1 WW-9	WW-21	- (-4)	nd Blan	amation Fund	WPCP

	1 of		Date:JUNE 21, 1990
(09/	WW2-A 87)	2)	Operator's well number _UNION NATIONAL BANK #4 442-S
File	Copy	3)	
			State - County - Permit
			To the second
		STATE OF WEST	VIRGINIA VISION OF OIL AND CAS
		DEPARTMENT OF ENERGY, DI	VISION OF OIL AND GAS itu
			ON A WELL WORK PERMIT Oil and Gas Section (a) Coal Operator:
		NOTICE AND APPLICATION F	OR A WELL WORK PERMIT OF Permitting
			Oil and Gas of
4)		wner(s) to be served:	5) (a) Coal Operator:
		JAMES S. JEFFERS	NameN/Ā
	Address _	1101 S. PAUL STREET	Address
	BALTIN	10RE, MD 21202	. 16
	(b) Name		(b) Coal Owner(s) with Declaration
	Address		Name UNION NATIONAL BANK OF WV
	-		Address T/U/A FOR S.A. SMITH &
	(c) Name		C. BURKE MORRIS PO BOX 2330
	Address		Name GLARKSBURG, WV 26301
	***************************************		Address
6)	Inspector	GLEN P. ROBINSON	7-1 0-1
J,	Address R'	T 1 #6 MT PLEASANT EST.	(c) Coal Lessee with Declaration
	MINEDALI	WELLS, WV 26150	Name N/A
	Tolophone	(304) - 489-2736	Address
	rerebuoue	(304)-409-2/30	
		TO TUE DEDCON(C) NAMED AD	OUT TANK NATION OF THE PROPERTY OF THE PROPERT
	•	TO THE PERSON(S) NAMED AB	OVE TAKE NOTICE THAT:
	T122		
	Included	is the lease or leases or	other continuing contract or
Conti	tacts by w	nich I hold the right to	extract oil and das OP
	included	is the intormation requir	ed by Chapter 228. Article 1
Sect	rou s(a) o	t the Code of West Virgin	ia (see page 2)
	l certify	that as required under C	hapter 22B of the West Virginia Code
I hav	ve served (CODIES Of this notice and	application a location mlat
accor	mpanying d	ocuments pages 1 through	on the above named parties, by:
	Pers	onal Service (Affidavit a	ttached)
	X Cert	ified Mail (Postmarked po	stal receipt attached)
	Publ	ication (Notice of Public	ation attached)
	I have rea	ad and understand Chanter	22B and 38 CSR 11-18, and I agree
to th	ne terms an	nd conditions of any perm	it issued under this application.
	I certify	under penalty of law that	t I have personally examined and am
famil	liar with	the information submitted	on this application form and all
attad	chments. a	nd that based on my inqui-	ry of those individuals immediately
respo			LY UL LOOSE INGIVIONALS IMMADISEALD
is tr	onsible for	cobtaining the information	on I believe that the increase y
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Subsc	Tue, accura I am aware mation, in	well Operator By: Its: PRESIDINATION Address PO DRA JANE I Telephone 30 Sworn before me this 215	on, I believe that the information ant penalties for submitting false of fine and imprisonment. STONEWALL GAS COMPANY A LAWER R LEW, WV 26378