

wilbur (092)



## sinigriß ites Mest Birginia

DEPARTMENT OF ENERGY Gil und Ges Zivision

		BER 1	1, 1988		
Operator's 377-S Well No. FREEMAN #1					
Farm			_1f ±		
ADT N	Sh / 7	005	1057		

DIVISION OF OIL & GAS WELL OPERATOR'S REPORT
DEPARTMENT OF ENERGY OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

MEIT LABS	Gas X / Liquid Injection (If "Gas," Production X. / Undergrow	n_/Wastund Storag	te Disposa	1////	•11~. Y /
LOCATION	Elevation: 1020 Watershot	CAMD MTC	MATZE		
	District: MC ELROY County TYL	FR -	CARL RUN	779.0-	
		LIK	_waarang1	e WEST U	NION 7.5
		· ·			•
COMPANY_	STONEWALL GAS COMPANY				
ADDRESS_	PO DRAWER R, JANE LEW, WV 26378	Casing	Tu 2 /		Cement
DESIGNATE	D AGENT CHARLES W. CANFIELD	Tubing	Used in		fill up
ADDRESS_	PO DRAWER R, JANE LEW, WV 26378	Size	Drilling	in Well	Cu. ft.
SURFACE C	WER BENTON EDWARD KEYS	20-16			
ADDRESS_	BOX 335, ROUTE 1, BUNKER HILL, WV	Cord.			· .
MINERAL R	UGITS CHIER C.W. HYLBERT 25413	13-10"	125	125	65 SKS
ADDRESS_	2705 MORNINGSIDE AVE. PARKERSBURG	9 5/8		·	
OTT AND G	PAS INSPECTOR FOR THIS WORK WV 26101	8 5/8	1255	1255	340 SK
ROBINSON	ADDRESS RT 1, MINERAL WELLS, W	}			5.
PERMIT IS	SUED 08-27-88	5 1/2			
	<b>CMPENCED</b> 10-18-88	4 1./2	5129	5129	720 SK
	OMPLETED 10-24-88	3			
IF APPLIC	ABLE: PLICATIVE OF DRY 1917 CH	2 3/8		4874	
$\omega$	D PRUSESSION FROM PRIFIT TO AT	Liners			
(H	· VERBAL PERMISSION OBTAINED	used			
GDDIOGICA)	L TARGET FORMATION BENSON	<u> </u>		-	
Denti	of Senson		Dept	h_5300	feet
Water	of completed well 5149 feet Rost strata depth; Fresh 0	otary X	/		
	TAPE	2916	• •	•	•
· coat	seam depths: 90-93	Is coal l	cing mine	d in the	area?
open flow	DATA	. • •	••		m. WO
Produ	ucing formation BENSON	<b>5</b> .		•	
Gas:	Initial open flow 103	Pay	zone depti	h 491	feet
	Initial open flow 103 Mcf/d (Final open flow 671)	)11: ·Init	ial open :	flow N/A	Bbl/d
	MEL/Q	Fina	il mon fl	~ • NT / A	
Stati	- " - DECMORII INIFIZ	1 3 PM - F4 -		ΩΛ.	
(If a	pplicable due to multiple completion-	neasurene	unt) after	120hour	s shut in
	TO THE TOWN OF A SECOND LATER OF A SECOND LATER ASS.	1			
Gas:	d producing formation RILEY  Initial open flow 102 " Mof/d o	Pay	zone depti	4470	feet
	TOTAL PET/A	Oll: Fina	il open fla	<b>7.1</b> 37.1.	
Stati	or over flow between initia	al and fin	121 toot-	100	
	ic rock pressure 1500 psig(surface n	reasureren	t) after	120 hour	s shut in
	•		(Contin	المال <b>ue on rev</b>	2 1982 erse side
				•	

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANCE, ETC.

BENSON 4914-4921 18 HOLES 700 BBL 30# GEL 20,000 # 80-100 SAND
50,000 # 20-40- SAND

RILEY 4470-4510 20 HOLES 700 BBL 30# GEL 20,000 # 80-100 SAND 50,000 # 20-40 SAND

BIG INJUN 1945-1955 10 HOLES SET TUBING PACKER AT 2055' TO ISOLATE BIG INJUN AT EQUITRAN'S REQUEST FOR STORAGE FIELD OBSERVATIONS. BIG INJUN WILL NOT BE PRODUCED.

## WELL LOG

. . . . . . .

FORMATION COLOR HARD OR SOFT	TOP FEET	BOLLOW LEEL	Including indication of all frest
CLAY BROWN SOFT CLAY BROWN SOFT RED ROCK SAND & SHALE RED ROCK & SHALE SAND & SHALE RED ROCK & SHALE SAND & SHALE RED ROCK SAND & SHALE RED ROCK & SHALE SAND & SHALE LITTLE LIME SHALE BIG LIME INJUN SAND SHALE GORDON SAND & SHALE RILEY SHALE BENSON SHALE DIVISION OF OIL & GAS DEPARTMENT OF ENERGY	0 8 15 35 260 290 384 780 800 965 1092 1828 1838 1870 1956 2060 2654 2675 4478 4534 4915 4927 5150	j	GAS CHECK @ 1994 NO SHOW  GAS CHECK @ 2087 NO SHOW  GAS CHECK @ 2678 80/10 1" H20  GAS CHECK @ 3586 146/10 1" H20  GAS CHECK @ 4581 95/10 1" H20  GAS CHECK @ 5023 96/10 1½" H20  GAS CHECK & 5023 96/10 1½" H20  GAS CHECK \$ 5149 64/10 1½" H20  LOG TOPS  BIG LIME 1860  BIG INJUN 1938  WEIR 2207  BEREA 2410  GORDON 2615  RILEY 4457  BENSON 4905

(Attach separate sheets as necessary)

STONEWALL GAS	COMPANY
Well Operator	
By: 1 /50	HARDESTY, VICE PRESIDENT
Date: DENOMITY A.	HARDESTY, VIGE PRESIDENT

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed our looked record of all formations, including "": of a well."

DEC 2 1988

27 January 8/27/88 Cypres 8/27/40
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## STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) We	⊇11 Op	erator:_	STONE	SARI WALL GAS CO	OMPANY 47	850,5	670	
			•				evation: <u>1020</u> '	
				or Ga				•
		(b)	If Gas:	Productio Dee	n <u>X</u> / Undero P/	ground Storag Shallo	e/_ w/	
5) Pr	opose	d Target	Formatio	n(s): <u>BE</u>	NSON			
6) Pr	opose	d Total D	Depth: 5	150'	feet	3 01	00	•
7) Ap	proxi	mate fres	sh water	strata dep	ths: 61'	? 2620/H	3' 483,746	/! <
8) Ap	proxi	mate salt	water d	epths:	1150'			
9) Ap	proxi	mate coal	seam de	pths:	N/A	183-186Pp	alla	
10) Do	es lar	nd contai	n coal s	eams tribut	tary to act	ive mine? Ye	es/ No <u>X_</u> /	
11) Pr	oposed	l Well Wo	rk: On	Uz Ster	nulate V	New Well.		
12)					NG PROGRAM			
TYPE		S	PECIFICAT	TIONS	FOOTAGE I	NTERVALS	CEMENT	
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)	
Conduct	or	11 3/4	ERW	42#	100'	CP00.	B8 CRS 18-11.3	
Fresh W	ater							
Coal					***	als C	38-CSR-18-11-22	)
Interme	diate	8 5/8	ERW	23#	1300'	1300	B8 CRS 18-11.3	
Product	ion	4 1/2	ERW	10.5#	5100'	5100	38 CRS 18-11.1	
Tubing						DISCIA	WEID	
Liners						Marie 1	1000	
PACKERS	: Kine					DIVISION OF	1 1988	
<u></u>		ths set				DEPARTMENT		
Fee	e(s) p	/_1	U.	ork Permit	nd Gas Use Recl	Only amation Fund	WPCP Agent	
	1	(		Jo.		Type)	The right	

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DIVISION OF OIL & GAS DEPARTMENT OF ENERGY 3)

Date: AUGUST 5, 1988 Operator's well number

FREEMAN #1 377-S

API Well No: 47 - 095 - 1/257

State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

## NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be serve	ed: 5) (2) Co-1 o-
(a) Name BENTON EDWARD KEVC	Name N/A
Address BOX 335 ROUTE #1	Name N/A
BUNKER HITT was an	410
(D) Name	
	Namo DEMMON Pro
	Name BENTON EDWARD KEYS
(c) Name	Address BOX 335 ROUTE 1
(c) Name Address	Name BUNKER HILL, WV 25413
	NameNaddress
6) Inspector GLEN P. ROBINSON	
Address RT 1, #6 MT. PLEAS	(c) Coal Lessee with Declaration
MINERALWELLS, WV26150 ESTA	SANI Name N/A
Telephone (304)- 489-9162	TE Address
409-9162	
TO THE PERSON(S) NA	MED ABOVE TAKE NOTICE THAT:
John Ma	HED ABOVE TAKE NOTICE THAT:
Included is the lease or lea	ses or other continuing contract or
contracts by which I hold the rig Included is the information	ht to extract oil
Included is the information	nt to extract oil and gas <u>OR</u> required by Chapter 22B, Article 1,
Section 8(d) of the Code of West	Virginia (and mapter 22B, Article 1,
I have served copies of this notice	The and analysis of the West Virginia Code
accompanying documents pages 1 th	rough application, a location plat, and
Personal Service (Affid:	on the above named parties, by:
Certified Mail (Dostmart	red mantal
Publication (Notice of E	red postal receipt attached)
I have read and understand Ch	napter 22B and 38 CSR 11-18, and I agree
to the terms and conditions of any	papter 22B and 38 CSR 11-18, and I agree permit issued under this application.
I certify under nenglts of 1	permit issued under this application.
tamiliar with the information	inder i have personally examined and am
attachments, and that back	application form and all
responsible for obtaining the inc	inquiry of those individuals immediately
is true, accurate, and complete.	rmation, I believe that the information
I am aware that there	•
information, including the possibi	nificant penalties for submitting false
	2 I'lle and imprisonment.
- OPCI	ator STONEWALL GAS COMPANY
By:	Bini a Hamilton
Its:	VIOE PRESIDENT
Address	P.O. DRAWER R
	JANE LEW, WV 26378-0080
Subscribed and Telephone	(304) 884-7881
Subscribed and sworn before me this	S DTH day of August
l	, 19 <u>88</u>
My commission expires JANUARY 16.	1991 Notary Public
My commission expires JANUARY 16,	1991
·	•