

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

Well Operator's Report of Well Work

PETROVICH, JAMES

Operator Well No.: ROBINSON 3-S374

LOCATION:

Elevation: 1216.00 Quadrangle: WEST UNION

District: WESTUNION

County: DODDRIDGE

Latitude: 3290 Feet South of 39 Deg. 22Min. 30 Sec.

Longitude 10540 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: STONEWALL GAS CO.

P. O. BOX 1575

RICHMOND, VA 23213-1575

Agent: JESSE A. SHELL

Inspector: MIKE UNDERWOOD

Permit Issued: 08/28/89

Well work Commenced: 12-29-89

Well work Completed: 01-04-90

Verbal Plugging

Permission granted on:

Rig Rotary X Cable Rig
Total Depth (feet) 5300

Fresh water depths (ft)

Salt water depths (1

Is coal being mined N/A Coal Depths (ft):

ft)			
15			
in	area	(X/N)3 N	

STATE STATEMENT	Casing	Used in	Left	Cement Fill Up
man excession due	Tubing	Drilling	in Well	Cu. Ft.
-	Size			
Contract Contract	11 3/4	200	200	120 SKS
	8 5/8	1510	1510	400 SKS
	4 1/2	5257	5257	720 SKS
			demonstration of the control of the	
			· 	

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (II) 0 = 0 Bbl/d Gas: Initial open flow 0 = 0 Bbl/d Final open flow 0 = 0 Bbl/d Final open flow 0 = 0 Bbl/d Hours Time of open flow between initial and final tests Static rock Pressure 1575 psig (surface pressure) after 168 Hours

Second producing formation Pay zone depth (ft) Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests Bbl/d Bbl/d Hours Static rock Pressure ____psig (surface pressure) after _

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 CO.

PETROLEUM ENGINEER

FRAC WATER S	TAGE 1	DATE	01-11-	-90	
BENSON	5162-66	16 H	NI FC	700 BBLS	70,000 SAND 2800 BD ISIP 1700
FORMATION	COLOR	HAR	D/SOFT	TOP	BOTTOM REMARKS
TOP SOIL	BROWN	SOFT	0	1.0	001 11 0 1/011
SAND & SHALE	BROWN	SOFT	10	10 20	90' н ₂ 0 1/2"
SAND	BROWN	SOFT	20	75	
RR SHALE	GRAY	HARD	75	170	
SAND	GRAY	HARD	170	205	GAS CK 2095 NO SHOW
RR SHALE	GRAY	HARD	205	250	GRB GR 2073 NO BROW
SAND	BROWN	SOFT	250	275	GAS CK 2185 NO SHOW
SANDY SHALE	GRAY	SOFT	275	325	GAS CK 2270 NO SHOW
COAL	BLK	SOFT	325	330	GAS CK 2307 54/10 H 0
SANDY SHALE	GRAY	HARD	330	445	2 1, 20 1,
SAND	BROWN	HARD	445	452	GAS CK 2830 50/10 1" H ₂ 0
SAND & SHALE	BROWN	HARD	452	620	2.7
SAND	BROWN	SOFT	620	680	GAS CK 2892 50/10 1" H ₂ 0
SANDY SHALE	GRAY	SOFT	680	835	2
SAND	BROWN	SOFT	835	900	GAS CK 4214 36/10 1" H ₂ 0
SANDY SHALE	GRAY	SOFT	900	1085	2
SAND	GRAY	SOFT	1085	1320	GAS CK 4766 20/10 2" H ₂ 0
SANDY SHALE	GRAY	HARD	1320	1470	2
SHALE	GRAY	HARD	1470	1660	GAS CK 5106 6/10 2" H ₂ 0
SANDY CHALE	BROWN	SOFT	1660	1760	
SANDY SHALE LIME	BROWN	SOFT	1760	2040	GAS CK 5199 6/10 2" H ₂ 0
SANDY SHALE	BROWN	SOFT	2040	2055	
BIG LIME	GRAY	HARD	2055	2075	GAS CK TD 6/10 2" H ₂ 0
SAND	BROWN BROWN	HARD	2075	2165	
SANDY SHALE	BROWN	SOFT HARD	2165 2280	2280 2490	
SAND	GRAY	HARD	2490	2580	
SANDY SHALE	GRAY	HARD	2580	2830	
SAND	GRAY	SOFT	2830	2885	
SANDY SHALE	BROWN	SOFT	2885	4680	
SAND	BROWN	SOFT	4680	4760	
SANDY SHALE	BROWN	SOFT	4760	5145	
SAND	GRAY	HARD	5145	5200	
SANDY SHALE	GRAY	HARD	5200	5225	
BENSON	GRAY	SOFT	5225		
	TD		5330		
,					

5/1/3

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FORM WW-2B

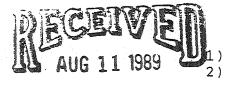
017-3744 Issued 8/28/89 Expuris 8/28/9

STATE OF WEST VIRGINIA

DEPARTMENT	OF	ENEF	RGY,	DIV	VISI	ON (OF		AND	GAS
WEI	ı, I,	WORK	PERI	MIT	APPI	TC	ATT	ON		

l) Well	l Ope	rator:	STONEWAL	L GAS COM	PANY 4	7850 (8)	670	
2) Oper	ator	's Well	Number: R	OBINSON #3	3 (374-S)	3) Ele	evation: 1216'	
4) Well	l typ	e: (a)	0il_/	or Gas	5 <u>X</u> /			
		(b)	If Gas:		nX_/ Undergr	ound Storage Shallow		
5) Prop	Proposed Target Formation(s): BENSON 435							
6) Prop	Proposed Total Depth: 5350 feet							
7) Appr	oxim	ate fres	h water s	trata dept	hs: 65'			
				pths:				
9) Appr	oxim	ate coal	seam dep	ths 331-35	6! NXA FOR	selly gog:	810, 546-55,	
					·	ve mine? Ye	es/ No_X_/	
ll) Prop	osed	Well Wo	rk: (1)	ill sh	mulate N	in/IIIII		
12)					•	cer vi co		
	,				ING PROGRAM			
TYPE		S	PECIFICAT	IONS	FOOTAGE IN	ITERVALS	CEMENT	
		Size	Grade	Weight per ft.	For 'drilling	Left in well	Fill-up (cu. ft.)	
Conductor		11 3/4	ERW	42#	100'	460	38CSR18-11.3	
Fresh Wat	er_					2000		
Coal						0 M	385818-112.2	
Intermedi	.ate	8 5/8	ERW	23#	1500	1500'	38CSR18-11.3	
Productio	n	4 1/2	ERW	10.5#	5300	5300	38CSR18-11.1	
Tubing								
Liners						10 S	ECEIVE	
PACKERS: Kind AUG 11 1989								
	Sizes							
10	DEPARTMENT OF ENERGY							
Fee(s) paid: Well Work Permit Reclamation Fund WPCP								
HPlat H WW-9 H WW-2B Hond Hunkel Auce Hagent								

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DIVISION OF OIL & GAS DEPARTMENT OF ENERGY 3)

Date: JU	NE 19,	1989			
Operator's well number					
ROBINSON	#3 37¢	4-S			
API Well	No: 47	- 017	-	3744	
	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 served:	5) (a) Coal Operator:
	(a) Name <u>JAMES PETROVICH</u>	Name N/A
	Address 322 LOVERS LANE	Address
	STEUBENVILLE, OHIO 43592	
	(b) Name NICK PETROVICH	(b) Coal Owner(s) with Declaration
	Address RT 2, BOX 28K	Name WILBUR F. ROBINSON
	WEIRTON, WV 26062	Address 1124 BRYANT ST.
	(c) Name	FAIRMONT, WV 26554
	Address	Name
		Address
6)	Inspector MIKE UNDERWOOD	(c) Coal Lessee with Declaration
	Address RT 2, BOX 135	Name N/A
	SALEM, WV 26426	Address
	Telephone (304)- 782-1043	
	TO THE PERSON(S) NAMED AS	BOVE TAKE NOTICE THAT:
	Included is the lease or leases or	
	racts by which I hold the right to	
	Included is the information require	
Sect	ion 8(d) of the Code of West Virgin	nia (see page 2)
	I certify that as required under (Chapter 22B of the West Virginia Code
I ha	ve served copies of this notice and	d application, a location plat, and
acco:	mpanying documents pages 1 through	on the above named parties, by:
	Personal Service (Affidavit a	
	X Certified Mail (Postmarked po	
	Publication (Notice of Public	cation attached)
	he terms and conditions of any permonents of law that the control of law the	at I have personally examined and am
fami	liar with the information submitted	d on this application form and all
		iry of those individuals immediately
		ion, I believe that the information
is, t	rue, accurate, and complete.	
		cant penalties for submitting false
info	rmation, including the possibility	of fine and imprisonment.
	Well Operator	STONEWALL GAS COMPANY
	By: Senji	g. Hmy
	Its: PRI	ESIDENT /
		RAWER R
		LEW, WV 26378-0080
	Telephone 304	4-884-7881
Subs	cribed and sworn before me this 197	<u>FH</u> day of <u>JUNE</u> , 19 <u>89</u>
O .	J. 12 4 0 1	
727	chara N. G. Durch	Commissioner Of West Virg
му с	ommission expires <u>OCTOBER 14, 9</u>	3 Symmostuner of Mest Mil