



IV-35 (Rev 8-81)

RECEIVEDState of Mest Airginia SEP -9 1982

Bepartment of Mines

Bil und Cas Pivision

Operator's 143-SH Well No._ Farm Brown #2 API No. 47 - 017 - 3102

Date August 27, 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Undergrou	/ Waste	e Disposa e/ Deep	l/ p/ Sha	llow x /	')
LOCATION: Elevation: 1289 Watershed					
District: Greenbrier County Doddr				aac 7.5	• i
					•
COMPANY Stonewall Gas Company					
ADDRESS P.O. Drawer F, Buckhannon, WV	Caşing	Used in	Left	Cement fill up	
DESIGNATED AGENT Charles Canfield	Tubing	Drilling	in Well		
ADDRESS P.O. Drawer F, Buckhannon, WV	Size				
SURFACE OWNER Daniel Casey et ux	20-16 Cond.				e e e e e e e e e e e e e e e e e e e
ADDRESS 1925 S. Quincy St., Arlington, VA	13-10"				
MINERAL RIGHTS OWNER Guy R. Brown et al	9 5/8				
ADDRESS Rt. 3, Salem, WV 26426	8 5/8	1445	1445	To sur	fac
OIL AND GAS INSPECTOR FOR THIS WORK Stephen	7				
Casey ADDRESS Jane Lew, WV	5 1/2				-
PERMIT ISSUED April 7, 1982	4 1/2		5796.25	4700-5	805
DRILLING COMMENCED 7-24-82	3		3,,,0.25	7700	\dashv
DRILLING COMPLETED 7-30-82	2 3/8		5064	with	
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED CN	Liners used			packer	
GEOLOGICAL TARGET FORMATION Elk		Dept	h 5300-	5400 fe	et .
Depth of completed well 5805 feet R	otarv X	Control of the Contro	***************************************	Name of the Owner of the Owner, where the Owner, which is the Own	
Water strata depth: Fresh 95 feet;			- Annalista		NTMANUFACED.
Coal seam depths: 858			ed in the	area?No	1
OPEN FLOW DATA				-	njerumah
Producing formation Benson	Pay	zone dept	h 5130-	42 fe	et
Gas: Initial open flow 33 Mcf/d					
Final open flow 298 Mcf/d	Fina	ul open fl	.ow	Bbl	/d
Time of open flow between initi					
Static rock pressure 1875 psig(surface	measureme	ent) after	168 hour	s shut	in
(If applicable due to multiple completion-	-)				
Second producing formation Elk 44	Pay	zone dept	h_5470-	5647 fe	et
Gas: Initial open flow 33 Mcf/d					1460
Final open flow 298 Mcf/d			*****		
Time of open flow between initi					
Static rock pressure 1875 psig(surface:		_			in
	SEP 20 198				

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

FORMATION	PERFS	HOLES	SAND	BRKD	FLUID	AV.PR.	AV.RT.	<u>ISIP</u>
-Elk-ALEX.	5470-5647	12	66,000	2000	565			1500
Benson	5130-5142		35,000	2600	315			1375

*Frac through 2 3/8 tubing and packer set at 5064'

WELL LOG

				REMARKS
FORMATION COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fres
				and salt water, coal, oil and ga
Sand & Shale	g s	0	15	Hole damp at 95'
Shale	g s	15	25	
Shale	red s	2.5	33	Coal at 858
Sand	w h	33	8.5	
hale & Sand	g s	85	145	
Sand	w h	145	170	
Sand & Shale	g s	170	295	
Sand	w h	295	330	
Sand & Shale	g s	330	365	
Shale	red s	365	858	√ Gas at 3016 no show
Coal	bl s	858	861	✓ Gas at 4655 8/10 1" P w/w
Sand & Shale	g s	861	2000	✓ Gas at 5059 6/10 1" P w/w
Shale	red&g s	2000	2195	✓ Gas at 5121 4/10 1" P w/w
Big Lime	G h	2195	2255	✓Gas at 5307 6/10 1" P w/w
Big Injun	w h	2255	2295	✓Gas at TD 10/10 1" P w/w
Sand & Shale	g s	2295	5110	
Benson	br m	-5110	5125	
Shale	g s	5125	5430	
Elk ALEX	br m	5430	5495	
Shale	gr s	5495	5823	
Total Depth	*		5823	
The state of the s				
		-		·

(Attach separate sheets as necessary)

STONEWALL GAS COMPANY

Well Operator By: Paula W.	Carfuld	
Date: SFP 0 7 1982		·

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including and, encountered in the drilling of a well."

FORM IV-2 (12 - 81)



Date: April 5

Operator's

Well No.

County

Ó17 API Well No. 47

State

3102 Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES. OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

VELL TYPE:	Oil/ Gas/		
	(If "Gas", Production X / Unde	erground storage	Deep/ Shallow/)
OCATION:	Elevation: 1289 Wat	ershed: <u>Little Isa</u>	ac Creek
ets-	District: Greenbrier Cou	nty: <u>Doddridge</u>	Quadrangle: Big Tsaac 7.5!
WELL OPERATOR	R Stonewall Gas Company	DESIGNATED AG	ENT R. Dennis Xander
Address	P. O. Drawer F	Address	P. O. Drawer F
·	Buckhannon, WV 26201	· Attributed	Buckhannon, WV 26201
DIL & GAS ROYALTY OWNE	ER Guy R. Brown, et. als.	COAL OPERATOR	NONE
Address _	Route 3	Address	
	Salem, WV 26426		
Acreage -	101.41	COAL:OWNER(S)	WITH DECLARATION ON RECORD:
_	R Daniel Casey, et. ux.	Willis	G. Tetrick, Maxwell Sutton ational Bank, Trustees
Address	1925 S. Ouincy Street	Address P	. O. Box 2330
	Arlington, VA 22204	<u>C</u> .	larksburg, WV 26302
Астеаде	101.41	Name	
FIELD SALE (IF	MADE) TO:	Address	
Address			
-		COAL LESSEE W	ITH DECLARATION ON RECORD:
OIL & GAS INSP	PECTOR TO BE NOTIFIED	Name	
NameS	teven Lee Casey	Address	APR 7 - 1982
Address J	ane Lew, WV 26378		OIL AND GAS DIVISION WY DEPARTMENT OF MINES
. 8.	84-7470		AAA PEELMAA I ISAMBA I MAI AASAA MAMA
The undersigned	well operator is entitled to operate for oil or g	as purposes at the above loca	tion under a deed/ lease
other contract X		to the undersigned well	operator from Clarence W.
Mutschelkna	us, which agreement is be: se, or other contract has been recorded:)	ing recorded, and w	
•	ne 9, 1980, in the office of the		ssion of <u>Doddridge</u> County, West
Va., in <u>Lea</u>	se Book 115 at page 501	A permit is requested	as follows:
	DRK: Drill X Drill deeper /		
	Plug off old formation/ Per		
	Other physical change in well (specify	三型工作 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	
		* The second sec	A STATE OF THE STA
	-planned as shown on the work orde	* 302	M. PROPERTY TO THE PARK CASE AND THE
		Complete Congression and Constitution (Constitution Constitution Const	1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,1997年,19

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code \$22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMIS-
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

				Ad	dress	water of the second				
EOLOGICA	L TARGE	T FORM	MOITAN	,	·····	Elk				
Estimate	ed depth	of comp	leted we	11,	<u> 565</u>	<u>0</u> fe	et Rotar	y <u>X</u> / C ab	le tools	/
_Approxi	imate wat	er strata	depths:	Fres	h, <u> </u>	50 feet	t; salt, <u>84</u>	10 feet.		
Approxi	mate coal	seam d	epths: <u>8</u>	30'		Is coa	l being mined	in the area? Yes	/ No	X
SING ANI	TUBING	G PROG	RAM						•	
·										
SING OR		Grade	ONS Weight per ft	New	Used	FOOTAGE For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	12 PV 1
nductor	11 3/4		42		Х	30!		NONE	Kinds	
esh Water										
al									Sizes	
termediate	8 5/8	ERW	23	Х		1390'	1390'	260 sacks or to fill up		
oduction	4 1/2	ERW	10.5	Х		5650'	5650	565 sacks or as required	Depths set	
phing								by rule 15.01		Sa.
ners						-			Perforations:	. H
			ACCIDICATION OF THE PROPERTY O		- quagazinana-morapazi		name diction - Court		Тор	Bottom
										W
				1						
the I	epartmen ribed by	t, accomp Regulati	panied by on 12, o	(i) a r in li	plat in eu the	the form pres creof the othe	cribed by Regu r security allo	ur copies of Form IV-2 lation 11, (ii) a bond i wed by Code § 22-4-2	n one of the form IV-	ns 9.
the I preso "Rec previ Code A so be pa	Department or ibed by clamation lously paid \$22-4-8a separate Fart of the value of	t, accomp Regulation Plan", a on the s from the orm Iv-2: vork for v	panied by on 12, or pplicable ame, well ne owner shall not which a p	v (i) a r in li to the to the fe of any be requermit i	plat in eu the e recla ee requ y wate uired f s soug	the form preserved the other mation required by Code or well or dwe or fracturing of the and is noted.	cribed by Regular security allowed by Code \$ 25,224-12a, and alling within 2000 ar stimulating a las such on the	lation 11, (ii) a bond i	n one of the form c. (iii) Form IV- on 23, (iv) unlead onsent required to di well.	ns 9, ss py to
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the I preso "Rec previous Code As be part of the provision of the provision of the provision of the provision of the understand of the undersign of the undersi	following aration under the draw drillocation. In the draw med has not been a separate for the very drillocation.	t, accomp Regulation Plan", a on the s from the orm Iv-2 vork for v VA. COU Lling Waiver mander Cod operator of a mine operator objective	panied by on 12, or pplicable ame, well he owner shall not which a p	mplete-20, if	plat in eu the eu the e recla ee requiy wate uired f s soug	the form preserved the other mation required by Code or well or dwe or fracturing on the and is noted. APTER 22. IS HEREBY SHALL EXPLINATION 4-83 WAI Lesse ers the area of seed to be done done.	cribed by Regular security allowed by Code \$ 25,224-12a, and alling within 200 restimulating a lass such on the security allowed within VER	lation 11, (ii) a bond is wed by Code § 22-4-22-22-4-12b and Regulati (v) if applicable, the colling of feet of the proposed well where fracturing of Form IV-2 filed in constant allowers or coal lessee fifteen (15) days of results the coal under this way, the well location has a provided the well.	who has recorde eccipt thereof.	d a
the I press "Rec previous Code A so be particle 4 Of provision of the previous of the provision of the previous of t	following aration under the draw drillocation. In the draw med has not been a separate for the very drillocation.	t, accomp Regulation Plan", a on the s from the orm Iv-2 vork for v VA. COU Lling Waiver mander Cod operator of a mine operator objective	panied by on 12, or pplicable ame, well he owner shall not which a p	mplete-20, if	plat in eu the eu the e recla ee requiy wate uired f s soug	the form preserved the other mation required by Code or well or dwe or fracturing on the and is noted. APTER 22. IS HEREBY SHALL EXPLINATION 4-83 WAI Lesse ers the area of seed to be done done.	cribed by Regular security allowed by Code \$ 25,224-12a, and alling within 200 restimulating a lass such on the security allowed within the security allowed within the well location at this location at this location at this location at this location.	lation 11, (ii) a bond is wed by Code § 22-4-22-22-4-12b and Regulati (v) if applicable, the colling of feet of the proposed well where fracturing of Form IV-2 filed in constant allowers or coal lessee fifteen (15) days of results the coal under this way, the well location has a provided the well.	who has recorde eccipt thereof.	d a

FORM 1V-2 (Obverse) (12-81)



	State	Cou	ntv	D	-:+
API Well No		0.	17	310	3
Operator's Well No	J.	Camp	No.	1	
Date: Apr	<u>il 1</u>	4,	, 19_	82	

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE:	Oil/ GasX/		
	(If "Gas", Production X / Und		
LOCATION:	Elevation: 1036 Wa		
	District: McClellan Co		
WELL OPERATO	R Swift Energy Company	DESIGNATED A	GENTTim Bennett
Address	652 E. North Belt	Address	737 Karl Street
	Houston, Texas 77060	-	Weston, WV 26452
OIL & GAS ROYALTY OWN	ER Jennings and Wanda Camp	COAL OPERATO	OR
Address	P. O. Box 235	Address	
	Shinnston, WV 26431	······································	
Acreage	56.5 Acres	_ COAL OWNER(s) WITH DECLARATION ON RECORD:
SURFACE OWNE	ER Jennings and Wanda Camp	Name	Virginia A. Tetrick
Address	P. O. Box 235	Address	c/o Willis G. Tetrick, Jr.
	Shinnston, WV 26431		Union National Center
Acreage	56.5 Acres	Name	Clarksburg, WV 26301
FIELD SALE (IF	F MADE) TO:	Address	
Address		· AARONNA	
			WITH DECLARATION ON RECORD:
OIL & GAS INS	PECTOR TO BE NOTIFIED	Name Con	solidation Coal Company
Name	Steven Casey	Address	Pittsburgh, Pa.
Address	Rt. 2, Box 2320		
	Jane Lew, WV 26378	······	
The undersigne	d well operator is entitled to operate for oil or	gas purposes at the above lo	cation under a deed/ leaseX
other contract	/ datedOctober 15,19_8*	1, to the undersigned w	ell operator from Eastern Energy
Resources			-
	ase, or other contract has been recorded:)	a Clark of the County Com	mission of <u>Doddridge</u> County, West
	BB Book 123 at page 01		
		Service and the service of the servi	
PROPOSED W	ORK: Drill X / Drill deeper	S.C. W. C. HARRY D. S. W. L. W. W.	
	Plug off old formation/ P		
	Other physical change in well (speci	ify)	APR 2 6 1982
	—planned as shown on the work of	der on the reverse side he	OH AND GAS DIVISION WY DEPARTMENT OF MINES
The shave	-		
	ed coal operator, coal owner(s), and coal lesse		y objection they wish to make or are required to

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code \$22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY
TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMIS-
SION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092



	SWIFT ENERGY COMPANY		
	Well Operator	No. 35	额
Ву	Tim Benet		**************************************
Its	Designated Agent		

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CO	ONTRAC	TOR (IF	KNOWN						
ř				Ado	dress	Drawer	40		
						Buckha	nnon, WV	26201	
GEOLOGICAI	_ TARGE	T FORM	1ATION,		De	vonian Sh	ale		
								/ Cab	le tools /
							; salt,		**************************************
									/ No. 9
•				400	**************************************	IS COAI	being mineu	in the area? res	/ No <u>X</u> /
CASING AND) IUBING	J PKOGI	XAM						
· · · · · · · · · · · · · · · · · · ·	Marie and the second of the se		***************************************						
CASING OR		CIFICATI				FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	11 3/	l.			Х	40	40	Circulate	Kinds
Fresh Water								· ·	
Coal									Sizes
Intermediate	0.5/	B K-55	22#	x		1600	1600		Constant Property Const
Draguetian	41/2	 	101/#	X		4900	4900	Circulate As Needed	
Production	4/2		10747			4700	4700	AS NEBUBU	Depths set
Tubing									
Liners									Perforations:
									Top Bottom
i"Red prev Code A	clamation iously paid \$22-4-8 separate I	Plan'', a d on the s a from the Form Iv-2	pplicable ame well ne owner shall not	to the foot and th	e recla ee req y wate uired	amation requir uired by Code (er well or dwe for fracturing o	ed by Code \$2 22-4-12a, and 6 Illing within 200 r stimulating a	wed by Code § 22-4-22-4-12b and Regulat (v) if applicable, the colored feet of the propose well where fracturing Form IV-2 filed in co	ion 23, (iv) unless onsent required by d well. or stimulating is to
T IS PIPA	AIT MUST	r ar pos	TED AT	THE V	VELL :	SITE.			
						ITH CHAPTER	22,		
	OF THE	W. VA.	CODE,	THE L	OCAT	tion is here	3Y		
	For_	drilli	ng	· T	HS FI	ERMIT SHALL	EXPIRE		
	I NS H	<u> ويعرونك</u>	T COM	MENC	ED BY	1-11-83	OCCUMANOSTITUTE, Ü		
EY		4.6	4-5		nethan reprocessa consci	n hanner ver en enter presistation, op hall en jake die verbreit en in de verbreit en en en production de producti	Algority.		
			•						
9 6 62 6 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8									
The dec	following laration u	g waiver n inder Coo	nust be co le 22-4	mplet	ed by the p	the coal operato permit is to be	or and by any co- issued within	al owner or coal lesses fifteen (15) days of	e who has recorded a receipt thereof.
					_	WA	IVER		
ine undersig	ned has i	no objecti	on to the	: work	propo	osea to oe done	the well location at this location in gregulation	n, provided, the well	well location has examined thi as been added to the mine map operator has complied with a
							Fallen on		· ·
		<i>a</i> ·					D /	Jillio G. Te	tick
Date:	16	<u>April</u>	, 19	82			Dy <u>(</u>	1	