

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

Well Operator's Report of Well Work

			-		•	
Farm name:	BROWN, WIL	LIS	Operator	Well No.:	DOAK 4-39	7-s
LOCATION:	Elevation:	1242.00 Qua	drangle: W	EST UNION		
	Latitude:	GRANT 4090 Feet So 1700 Feet We	uth of 39	Deg. 22Min	. 30 Sec.	•
Company:ST	ONEWALL GAS	co.				
P.	O. BOX 1575 CHMOND, VA		&	Used in	İ	Cement Fill Up
Agent: CH	ARLES R. CAN	FTELD	Tubing	Drilling	in Well	Cu. Ft.
-			Size			
Inspector:	MIKE UNDERW	00D			envers.	·
Well work	ued: Commenced:	03/15/89 04-19-89	11 3/4	220	220	100 SK
Well work	Completed:	04-25-89	Lo Comprese esta			
Permission	gging granted on: _ Cable	•	8 / 58	1632	1632	370 SK
Rotary X	Cable	Ria			I	
Total Dept	\overline{n} (feet) $\overline{54}$	69	/ 7/0	F070	5070	000
Fresh wate:	depths (ft) 175	4 1/2	5372	5372	<u> 300 SK</u>
Salt water	depths (ft)	1480	DE	CEHWE	And the second	
Ts coal bo	ing mined in	area (Y/N)?N			計劃	
Coal Depth:	s (ft):	NA THE NATION OF	48.0	MAY 2 2 1989		
		•	DIVISI	ON OF ALL		
OPEN FLOW I	DATA		DEPAR DEPAR	ON OF OIL & GARLENT OF ENER	Ş. ŞŶ	
Produc	ring formation	onBENSON	,	Dave mana	Janeh (EL	5230
Gas: :	Initial open	flow 23 MC	F/d Oil: Tr	nitial open	flow NIA	Bb1/6
	inal open f	low 880 MC flow between	F/d Fi	nal open fi	Low NA	Bb1/c
	rime of open	flow between	initial and	d final test	$\frac{1}{4}$	Hours
Statio	rock Pressu	ure <u>1600</u> ps	ig (surface	pressure)	after 7	Hours
Second	d producing	formation		Pay zone o	lepth (ft))
Gas: 3	Initial open	flow MC	F/d Oil: Ir	itial open		Bbl/c
	Final open f		F/d Fi	nal open fl	Low	Bbl/d
~	Time of open	flow between				Hours
Statio	rock Pressu	ureps	ig (surface	pressure)	after	Hours
	*					
NOTE: ON BA	ACK OF THIS	FORM PUT THE	FOLLOWING	G: 1). DET	AILS OF PE	ERFORATE
INTERVALS,		OR STIMULATING	G, PHYSICA	L CHANGE.	ETC. 2).	THE WELL

LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

By: A PRESIDENT Date: MAY 12, 1989

FRAC ONE ZONE 05-02-89

PERFS	HOLES	BBL	SAND	BD	ISIP
BENSON					
5231 TO 37	21	845	70,000	1700	1825

GROUND LEVEL RED ROCK	GREY RED	SOFT SOFT	0 10		10 380	HOLE DAMP 10*
SAND & SHALE SHALE	GREY GREY	SOFT SOFT	380 1857		1857 2230	GAS CK @ 2272 NO SHOW
BIG LIME BIG INJUN	GREY GREY	HARD HARD	2230 2310		2310 2425	GAS CK @ 2428 2/10 1" H ₂ 0
SAND & SHALE GORDON	GREY" GREY	SOFT SOFT	2425 2945		2945 3000	GAS CK @ 3081 2/10 1" H ₂ 0
SHALE RILEY	GREY GREY	SOFT SOFT	3000 4805		4805 4865	GAS CK 4891 8/10 1" H ₂ 0
SHALE BENSON	GREY BROWN	SOFT SOFT	4865 5230		5230 5335	GAS CK 5287 12/10 2" H ₂ 0
				TD	5469	GAS CK TD 4/10 1" H ₂ 0

TD 5469



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

3/28

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

1)	Well O	perator:_	STONE	WALL GAS C	OMPANY Y	1850 . 0,	010	
2)	Operat	or's Well	Number:_	DOAK	#4 397-S	3) El	levation: 1242'	
4)				or Ga				
	Ø	(p) -	If Gas:	Productio Dee	n_X/ Underg	round Storag Shallo	je/ /	
5)	Proposed Target Formation(s):BENSON							
6)	Proposed Total Depth: 5550' feet							
7)	Approxi	imate fres	sh water	strata dep	ths:1	45: 987	402	
8 }	Approxi	imate sal	water d	epths:/	1502 13	70'	,	
9)	Approxi	mate coal	seam de	oths:	NA	640-64	3	
10)	Does la	ind contai	n coal se	eams tribu	tary to act	ive mine? Y	es/ No_ <u>x</u> /	
		d Well Wo	ork:	Poill s'	Himulate	A. 11/1	:///	
12)				•		vew we	7	
<i></i>	^ 1	división s		•	ING PROGRAM			
TYPE	KI LEIN	Mailla S	PECIFICAT	CIONS	FOOTAGE IN	TERVALS	CEMENT	
CASINOL	OZMIKÉ W	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)	
Conduc		11 3/4	ERW	42#	200'	200'	38 CSR 18-11.3	
Fresh	Water					ignost to Surfer	ree -	
Coal					\cap	year to go	38CSR1811.2.2	
Interm	nediate	8 5/8	ERW	23#	1650'	1650	38 CSR 18-11.3	
roduc	tion	4 1/2	. ERW	10.5#	- 5500 °	5500'	38 CSR 18-11.1	
ubing								
iners						imic	VERTONIETE	
ACKERS : Kind								
Sizes MAR 14 1989 Depths set								
DIVISION OF OIL & GAS E-TOPIVISON OF OIL and Cas, Use Only DEPARTMENT OF ENERGY								
(Fee(s) paid) (Well Work Permit (Reclamation Fund (WPCP)								
P	lat (J ww-9	WW-	2B	ond 503/m	rpex	A Agent	
,~··		.	<i>II</i> =			Type)	. //	

Page 1 of _____ Form WW2-A (09/87) File Copy



DIVISION OF OIL & GAS 3) DEPARTMENT OF ENERGY

Date	: <u>M</u> A	RCH	14,	19	89		
	ator				nber		
]	DOAK	#4	<u> 397</u> .	- S			
API	Well	No:	47	<i>-</i>	017	 3697	
		9+	2+0	- 0	ounty	 Dormit	

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: (a) Name WILLIS BROWN	5) (a) Coal Operator: Name N/A
	Address RT 2, BOX 294	Address
	WEST UNION, WV 26456	
	(b) NameAddress	(b) Coal Owner(s) with Declaration Name <u>SAME AS SURFACE</u>
	11441655	Address
	(c) Name	
	Address	Name
		Address
6)	Inspector MIKE UNDERWOOD	(c) Coal Lessee with Declaration
	Inspector MIKE UNDERWOOD Address RT 2, BOX 114 SALEM, WV 26426	Name N/A
	SALEM, WV 26426	Address
	Telephone (304)782-1043	
	TO THE PERSON(S) NAMED AB	OVE TAKE NOTICE THAT.
		OVE TAKE HOTTOE THAT.
	Included is the lease or leases or	other continuing contract or
contr	acts by which I hold the right to	extract oil and gas <u>OR</u>
× ×	Included is the information requir	ed by Chapter 22B, Article 1,
Secri	on 8(d) of the Code of West Virgin	la (see page 2)
I hav	ve served copies of this notice and	hapter 22B of the West Virginia Code
accon	apanying documents pages 1 through	on the shove named parties by:
	X Personal Service (Affidavit a	ttached)
	Certified Mail (Postmarked po	
	Publication (Notice of Public	ation attached)
	T. L	
+~ ++	I have read and understand Chapter	22B and 38 CSR 11-18, and I agree
CO (1.	te terms and conditions of any perm	it issued under this application.
famil	iar with the information submitted	t I have personally examined and am
attac	chments, and that based on my inqui	ry of those individuals immediately
respo	ensible for obtaining the informati	on. I helieve that the information
is tr	ue, accurate, and complete.	ony i believe ende ene informacion
	I am aware that there are signific	ant penalties for submitting false
infor	mation, including the possibility	of fine and imprisonment.
	Well Operator	STONEWALL GAS COMPANY
	By: Big 4.	Hut
		ESIDENT'
		AWER R
	JANE	
Subsc	Telephone 30 ribed and sworn before me this $14T$	14-884-7881
	Trace and sworn before me this 141	<u>'H</u> day of <u>MARCH</u> , 19 <u>89</u>
16gr	Hindle. Hends	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
My 20	ommission expires OCTOBER	14, 1993