06/02/2017

WR-35
Rev. 8/23/13
MAR 1 3 2017
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State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

ARIM 47 103 _ Quad Porters Falls	O2960 County Wetze Pad Name Ma		District Green Field/Pool Name	Mary	
Farm name Martin, Cha			Well Number #		
	ith the OOG) Stone Energy C	orporation	Trainer	1000	
Address 1300 Fort Pie	rpont Dr Suite 201 City N	Norgantown	State WV	Zip 2650	8
	AD 83/UTM Attach an as-dr op hole Northing 4,384,794	illed plat, profile view, and East	deviation survey		
Landing Point o			ing 517,719		
Botton	m Hole Northing 4,383,436	Easti	ng 521,238		
Elevation (ft) 906	GL Type of Wel	I ■New □ Existing	Type of Rep	ort Interim Fin	al
Permit Type Devia	ated 🗆 Horizontal 🛢 Horiz	zontal 6A	Depth Type	□ Deep ■	Shall
Type of Operation □ Co	onvert □ Deepen 💣 Drill	□ Plug Back □ Redril	ling Rewor	k Stimulate	
	oosal □ CBM				
Type of Completion ■ S Drilled with □ Cable Drilling Media Surface Production hole ■ Air Mud Type(s) and Addition	Single Multiple Fluids Pro Rotary hole Air Mud Fresh Water Butter	oduced □ Brine □Gas Water Intermediate h	□ NGL □ Oi	l □ Other	□ B:
Type of Completion ■ S Drilled with □ Cable Drilling Media Surface Production hole ■ Air Mud Type(s) and Addition	Single Multiple Fluids Pro Rotary hole Air Mud Fresh Water Brove(s) hich includes Caustic Soda, E	oduced □ Brine □Gas Water Intermediate h	□ NGL □ Oi	l □ Other	□Ві
Type of Completion Solution Cable Drilled with Cable Drilling Media Surface Production hole Air Mud Type(s) and Additive Saturated salt mud was Soda Ash, and Sodius Date permit issued	Single Multiple Fluids Pro Rotary hole Air Mud Fresh Water Brove(s) hich includes Caustic Soda, Brown Chloride 2/11/2013 Date drilling co	oduced □ Brine □Gas Water Intermediate herine Barite, Lime, New-Drill,	□ NGL □ Oi nole ■ Air □ M Perma-Lose H Date drilli	I □ Other fud ■ Fresh Water T, Xan-Plex D, X- ng ceased 11/13	□ Bi Cide 1
Type of Completion Solution Cable Drilled with Cable Drilling Media Surface Production hole Air Mud Type(s) and Additive Saturated salt mud was Soda Ash, and Sodius Date permit issued 12	Single Multiple Fluids Pro Rotary hole Air Mud Fresh Water Brove(s) hich includes Caustic Soda, Brown Chloride 2/11/2013 Date drilling co	oduced □ Brine □Gas Water Intermediate herine Barite, Lime, New-Drill, mmenced 6/5/2014 Date completion activ	□ NGL □ Oi nole ■ Air □ M Perma-Lose H Date drilli	I □ Other fud ■ Fresh Water T, Xan-Plex D, X- ng ceased 11/13	□ Bi
Type of Completion Solution Drilled with Cable Drilling Media Surface Production hole Air Mud Type(s) and Addition Saturated salt mud we Soda Ash, and Sodiu Date permit issued 12 Date completion activitie Verbal plugging (Y/N)	Single Multiple Fluids Pro Rotary hole Air Mud Fresh V Mud Fresh Water Bive(s) hich includes Caustic Soda, Birm Chloride 2/11/2013 Date drilling costs began Not Yet Completed	oduced □ Brine □Gas Water Intermediate herine Barite, Lime, New-Drill, mmenced 6/5/2014 Date completion activated	□ NGL □ Oi nole ■ Air □ N Perma-Lose H Date drillivities ceased N Granted by	I □ Other fud ■ Fresh Water T, Xan-Plex D, X- ng ceased11/13 ot Yet Completed	□ Bi
Type of Completion Solution Drilled with Cable Drilling Media Surface Production hole Air Mud Type(s) and Additive Saturated salt mud welling Soda Ash, and Sodius Date permit issued 12 Date completion activities Verbal plugging (Y/N) 12 Please note: Operator is a	Single Multiple Fluids Pro Rotary hole Air Mud Fresh Vater Brove(s) hich includes Caustic Soda, Earn Chloride 2/11/2013 Date drilling cost began Not Yet Completed N Date permission grantequired to submit a plugging appropriate to submit a plugging a plugging a plugging a plugg	oduced □ Brine □Gas Water Intermediate harine Barite, Lime, New-Drill, mmenced 6/5/2014 Date completion activated Clication within 5 days of vertical	□ NGL □ Oi nole ■ Air □ N Perma-Lose H Date drillivities ceased N _ Granted by erbal permission to	I □ Other fud ■ Fresh Water T, Xan-Plex D, X- ng ceased11/13 ot Yet Completed to plug	□ Br Cide 1
Type of Completion Solution Solution Solution Prilling Media Surface Production hole Air Mud Type(s) and Additional Solution Saturated salt mud with Soda Ash, and Sodius Date permit issued 12 Date completion activities Verbal plugging (Y/N)	Single Multiple Fluids Pro Rotary hole Air Mud Fresh V Mud Fresh Water Bive(s) hich includes Caustic Soda, Firm Chloride 2/11/2013 Date drilling coors began Not Yet Completed N Date permission grantequired to submit a plugging app	oduced □ Brine □Gas Water Intermediate herine Barite, Lime, New-Drill, mmenced 6/5/2014 Date completion activated	□ NGL □ Oi nole ■ Air □ M Perma-Lose H Date drillivities ceased N Granted by erbal permission telepths	I □ Other fud ■ Fresh Water T, Xan-Plex D, X- ng ceased 11/13 ot Yet Completed to plug	□ Bi Cide 1

NAME: Som MB

DATE: 5-25-17

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Rev. 8/23/13	00000			ladia Chada	a and Civan	4.	#01	.	
API 47- 103	02960		Farm name_IV	iarun, Chane	es and Gwen	Well	number_#8F	1	
CASING STRINGS	Hole Size		sing ze D		w or Grade sed wt/ft		Basket Depth(s)		ent circulate (Y/N) e details below*
Conductor	24"		20" {	35' N	lew LS -	94.1 ppf			N - GTS
Surface	17.5"	1:	3.375" 9	04' N	lew J55	- 54.5 ppf	120' & 201'		Y - CTS
Coal	17.5"	1:	3.375" 9	04' N	lew J55	- 54.5 ppf	120' & 201'		Y - CTS
Intermediate I	12.25"	9).625" 2,	231' N	lew J55	- 36 ppf			Y - CTS
Intermediate 2									
Intermediate 3									
Production	8.75"		5.5" 12	,072' N	lew P11	0 - 20 ppf		N - TOC	@ 1,169' Calculated
Tubing									
Packer type and de	epth set	TAM C	CAP Inflatable Pack	er on 9.625" Ca	asing String @ 7	75'		 	
Comment Details surface on the 5.5"			to surface on 13.375" colliculated to be @ 1,169'.	asing string. Circula	ited 30 bbls cement t	o surface on the	9.625" casing string	. Did not cir	culate any cement to
CEMENT DATA	Class/Type of Cement		Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume	Ceme Top (M		WOC (hrs)
Conductor	Type 1		34	15.6	1.18	40	Surfa	се	24.0
Surface	HalCem Class	"A"	670	15.6	1.21	811	Surfa	се	8.0
Coal	HalCem Class	"A"	670	15.6	1.21	811	Surfa	ce	8.0
Intermediate I	Lead-HalCem Tail-Ha	alCem	Lead-400 Tail-400	Lead-15.6 Tail-15.6	Lead-1.24 Tail-1.2	1 Lead-496 Tail	-484 Surfa	се	12.0
Intermediate 2				,					
Intermediate 3									
Production	Lead-TunedSpacer3 Tail-V	/ariCe/n	Lead-279 Tail-2,295	Lead-14.5 Tail-15.2	Lead-1.51 Tail-1.2	Lead-421 Tail-2	.754 1,169' Cal	culated	7.0
Tubing									
) 12,075 MD / 6,683 tion penetrated cedure		lus Shale		gers TD (ft) <u>N</u> g back to (ft) _				
Kick off depth (ft) 5.672 MD / 5.650 TVD Check all wireline logs run □ caliper □ density ■ deviated/directional □ induction □ neutron □ resistivity ■ gamma ray □ temperature □ sonic									
Well cored			Conventional	Sidewall			s collected		
joints 4, 8, 12, 16 and 20. Production casing had	Intermediate casing had bo	w spring o	PLACEMENT Userstralizers placed on joints 4. 8 on every fourth joint beginn ters were run.	, 12, 16, 20, 24, 28 and 32	2.		_		
	COMPLETED A		HOLE?	Yes A No	DETAILS DETAILS				

WERE TRACERS USED □ Yes ■ No TYPE OF TRACER(S) USED ___

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API	47- 103 -	02960	Farm name Martin, Charles and Gwendo	_Well number_#8H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	-				
				1	

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
				1				
			···					
					-			
		-						

Please insert additional pages as applicable.

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API 47- 103	02960	Farm	name Martin,	Charles	and Gwendo	Well 1	number #	8H	
PRODUCING I		5)	DEPTHS						
		2)	DETTIIS						
Not Yet Comple	ted	_		_ TVD		MD			
						_			
			- 4						
Please insert ad	ditional pages a	s applicable.							
GAS TEST	□ Build up □	Drawdown	□ Open Flow		OIL TEST 🗆	Flow [Pump		
SHUT-IN PRES	SSURE Surf	ace	_psi Botto	om Hole_	psi	DURA	TION OF	TEST _	hrs
OPEN FLOW	Gas mef	Oil pd	NGL bpd		Water bpd		MEASUR nated =		□ Pilot
LITHOLOGY/	TOP	воттом	ТОР	вотто	OM				
FORMATION	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DEPTH I	N FT DESCRIBE	ROCK TY	PE AND RE	CORD Q	UANTITYAND
	NAME TVD	TVD	MD	MD	TYPE OF FI	LUID (FRE	SHWATER	, BRINE,	OIL, GAS, H ₂ S, ETC)
See Attached Sheet	0		0						
See Attached Sheet			-						
Di	1141	1' 11							
Please insert ad									
Drilling Contra							1404 (T)	0.5	204 / 27004
Address 900 Virg	ginia St East /93	03 New Trails D	rive City	Charlest	on / The Woodlands	State	WV/IX	Zip 25.	301 / 77381
Logging Compa	any Scientific Di	rilling and Schl	umberger						
Address 124 Vis	ta Drive / 1178 US	HWY 33 East	City	Charlero	i / Weston	State	PA / WV	Zip _150	022 / 26452
Cementing Con	anany Halliburto	on							
Address 121 Ch			City	Cannons	burg	State	PA	Zip 153	317
								P	
Stimulating Con	mpany		Circ		_	Ctoto		7.	
Address Please insert ad	ditional pages a	s applicable	City	-		_ state	-	Zip	
Completed by	Greg Zofchak	,			Telephone				1
Signature	My ple		Title _	rilling Engi	neer		Date 2/15	0/1/	
Submittal of Hy	draulic Fractur	ing Chemical	Disclosure Info	rmation	Attach copy o	f FRACI	OCUS R	egistry	

Martin #8H API 47-103-02960

Stone Energy Corporation

	_	Horizontal			•	
	Top (ft TVD)	Top (ft MD)		Bottom (ft TVD)	Bottom (ft MD)	
Sandstone & Shale	Surface	(IL IVID)	*	634	(ICIVID)	FW @ 108'
	634		*	639		144 @ 108
Coal						
Sandstone & Shale	639			714		
Coal	714		*	730		
Sandstone & Shale	730		*	750		
Coal	750		*	756		
Sandstone & Shale	756		*	1,883	SW @	None Reported
Little Lime	1,883		*	1,913		
Big Lime	1,913		*	2,013		
Big Injun	2,013	,	*	2,113		
Sandstone & Shale	2,113		*	2,477		
Berea Sandstone	2,477		*	2,507		
Shale	2,507		*	2,679		
Gordon	2,679		*	2,729		
Undiff Devonian Shale	2,729		*	5,648	5,670	
Rhinestreet	5,648	5,670	~	6,175	6,244	
Cashaqua	6,175	6,244	~	6,433	6,597	
Middlesex	6,433	6,597	~	6,448	6,622	
West River	6,448	6,622	~	6,514	6,746	
Geneseo	6,514	6,746	~	6,530	6,778	
Tully Limestone	6,530	6,778	~	6,564	6,857	
Hamilton Shale	6,564	6,857	~	6,619	7,024	
Marcellus	6,619	7,024	~	6,683	12,075	
TD				6,683	12,075	

^{*} From Pilot Hole Log and Driller's Log

[~] From MWD Gamma Log