Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1372645

Form ACO-1
November 2016
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
☐ Dual Completion Permit #:	Location of fluid diapocal if hould affaita:
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY						
Confidentiality Requested						
Date:						
Confidential Release Date:						
Wireline Log Received Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I II III Approved by: Date:						

Page Two



Operator Name:					Lease Na	ıme: _			Well #:	
SecTwp	oS. F	R	East	West	County: _					
	flowing and sh	ut-in pressure	s, whe	ther shut-in pre	essure reache	ed stati	c level, hydrosta	tic pressures, t		val tested, time tool erature, fluid recovery,
Final Radioactivit files must be sub							gs must be ema	iled to kcc-wel	l-logs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests T			Ye	es No		L		on (Top), Depth		Sample
Samples Sent to	Geological Sur	vey	Ye	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	_		 Y€ Y€	es No						
			Repo		RECORD conductor, surfa	Ne	w Used	on, etc.		
Purpose of Str	ing Siz	e Hole		e Casing	Weight		Setting	Type of	# Sacks	Type and Percent
Fulpose of Sti	"' ^g D	rilled	Set	(In O.D.)	Lbs. / F	t.	Depth	Cement	Used	Additives
				ADDITIONAL	CEMENTING	i / SQL	JEEZE RECORD			
Purpose:		Depth Bottom	Type	of Cement	# Sacks U	sed		Type an	d Percent Additives	
Perforate Protect Cas	sing									
Plug Back Plug Off Zo										
1 lug Oli 20	JIIC .									
Did you perform	a hydraulic fractu	ring treatment o	n this w	ell?			Yes	No (If No,	skip questions 2 ar	nd 3)
2. Does the volume	e of the total base	fluid of the hydr	aulic fra	cturing treatmen	t exceed 350,00	00 gallo	ns? Yes	No (If No,	skip question 3)	·
3. Was the hydrauli	ic fracturing treatr	nent information	submit	ted to the chemic	cal disclosure re	egistry?	Yes	No (If No,	fill out Page Three	of the ACO-1)
Date of first Produc	ction/Injection or F	Resumed Produc	ction/	Producing Met	hod:					
Injection:				Flowing	Pumping		Gas Lift C	other (Explain)		
Estimated Produc Per 24 Hours	tion	Oil Bbls	S.	Gas	Mcf	Wat	er Bl	ols.	Gas-Oil Ratio	Gravity
DISPO	OSITION OF GAS	:		N	METHOD OF C	OMPLE	TION:			N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole	Perf.			nmingled	Тор	Bottom
(If vente	d, Submit ACO-18.)				(Submit	ACO-5) (Subi	mit ACO-4)		
Shots Per	Perforation	Perforation	1	Bridge Plug	Bridge Plug		Acid,	Fracture, Shot, (Cementing Squeeze	Record
Foot	Тор	Bottom		Туре	Set At			(Amount and k	Kind of Material Used)	
						-				
TUBING RECORE): Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	MARTIN WSW 1
Doc ID	1372645

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11	8.625	17	21	portland	4	
Production	7.875	5.5	6.5	1260	portland	205	

3613A Y Road Madison, KS 66860 Ph: 620-437-2661 Fax: 620-437-2881

FED ID# MC ID# 48-1214033

165290

HURRICANE SERVICES INC

104 Prairie Plaza Parkway Garnett, KS 66032

Ph: 785-448-3100 Fax: 785-448-3102

Remit to: Hurricane Services, Inc.

250 N. Water, Suite 200 Wichita, KS 67202

Customer:

MCGOWN DRILLING, INC.

PO BOX K

MOUND CITY, KS 66056

Invoice Date: Invoice #:

7/7/2017 0033532

Lease Name:

MARTIN WSW

Well #:

ANDERSON

	County:	,	ANDERSON
Date/Description	HRS/QTY	Rate	Total
Ticket 50307 Longstring	0.000	0.000	0.00
Heavy Eq mileage one way	15.000	3.250	48.75
Light Eq mileage one way	15.000	1.500	22.50
Bulk truck #202	1.000	300.000	300.00
Pump truck #201	1.000	492.750	492.75
Cement Pozmix 50/50	205.000	8.760	1,795.80
Bentonite Gel	545.000	0.219	119.36
FLO Seal	52.000	1.569	81.61
Centralizers 5 1/2"	3.000	58.400	175.20

Total 3,035.97

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.



250 N. Water, Ste 200 - Wichita, Ks 67202

104 Prairie Plaza Parkway - Garnett, Ks 66032 **HURRICANE SERVICES INC**

Customer	RJ Enterp	orises MC	Sawr	DRILLING	Customer Name:	Chris McGov	vn	Ticket No.:		5030	7
Address:					McGown Drilling		Date:	Date: 7/7/2017			
City, State, Zip:				,	Job type	Longstring		Well Type:	W.S.W		
Service District:	Madison,	Kansas			Well Details:	Sec		Twp:		R:	
Well name & No.	Martin W.	S.W			Well Location:	: Colony County: Anderson State			State:	ŀ	Cansas
Equipment #	Driver	Equipment #	Driver	Equipment#	Driver	TRUCK CALL	ED			AM PM	TIME
201	Kevin					ARRIVED AT	JOB			AM PM	12:30
202	Billy					START OPER	RATION			AM PM	
30	Jake					FINISH OPER	RATION			AM PM	
						RELEASED				AM PM	2:15
						MILES FROM	STATION TO	O WELL			15

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount		Net Amount
C001	Heavy Equip. One Way	mi	15.00	\$3.25	\$48.75		\$48.75
C002	Light Equip. One Way	mi	15.00	\$1.50	\$22.50		\$22.50
c004	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00		\$300.00
C020	Cement Pump	ea	1.00	\$675.00	\$675.00		\$492.75
CP010	50/50 Pozmix Cement	sack	205.00	\$12.00	\$2,460.00		\$1,795.80
CP013	Bentonite Gel	lb	345.00	\$0.30	\$103.50		\$75.56
CP017	FLO-Seal	lb	52.00	\$2.15	\$111.80		\$81.61
CP013	Bentonite Gel	lb	200.00	\$0.30	\$60.00		\$43.80
CP066	Centralizers - 5 1/2"	ea	3.00	\$80.00	\$240.00		\$175.20
	Control of the Contro						
			The second				
	ice unless Hurricane Services Inc. (HSI) has approved credit prior to le for approved accounts are total invoice due on or before the 30th day			Gross:	\$ 4,021.55	Net:	\$3,035.97
from the date of invoice	Past due accounts may pay interest on the balance past due at the or the maximum allowable by applicable state or federal laws if such	Total	Гaxable	\$ -	Tax Rate:		><

Date of Service:

HSI Representative:

Sale Tax: \$ Total:

7/7/2017

Jake Heard

Customer Comments:

3,035.97

laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or Frac and Acid service treatments designed with intent to laws limit interest to a lesser amount, in the event it is necessary to employ an agency and attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly increase production on newly drilled or existing wells are or indirectly incurred for such collection. In the event that Customer's account with HSI not taxable. becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Discount rate is based on 30 days explanations. on 30 days net payment terms or cash.

DISCLAIMER NOTICE:
This technical data is presented in good faith, but no warranty is given by and H.S.I assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The information presented is HSI best estimate of the actual results that may be achieved and should be used for comparison purposes and make no guarantee of future production performance. Customer warrants that well and all associated equipment in acceptable condition to receive services by H.S.I. Likewise, the customer will guarantee proper operational care of all customer owned production and associated equipment, while H.S.I. is on location performing services which could adversely affect the performance of such services.
Authorization below acknowledges receipt and acceptance of all terms and conditions stated

CUSTOMER AUTHORIZED AGENT



HURRICANE SERVICES INC

Customer:	RJ Enterpris	es			Date:	7/7/2017		Ticket No.:	50	307
Field Rep:	Chris McGov	wn								
Address:					1					
City, State:					1					
County, Zip:										
				1			1			
Fi	eld Order No.:				Open Hole:	7 7/8"		Perf De	epths (ft)	Perfs
	Well Name:		W.S.W		Casing Depth:	1264'				-
	Location:	Colony,	Kansas		Casing Size:	5.5" 15.5 lb				
·	Formation:		sáulus a		Tubing Depth:					
l y	pe of Service: Well Type:		string Dil		Tubing Size: Liner Depth:					
	Age of Well:		ew		Liner Size:					
	Packer Type:				Liner Top:				-	
	Packer Depth:				Liner Bottom:					
	reatment Via:	Cas	sing		Total Depth:					
				ı					Total Perfs	0
TIME	INJECTIO FLUID	N RATE N2/CO2	PRES STP	SURE ANNULUS		REMARKS		PROP (lbs)	HCL (gls)	FLUID (bbls)
12:30 PM					On loaction safe	ty meeting				
					Spot in and rig u	ıp				
					Hook up to casi	ng				
	4.0		300.0		Break circulation					8.00
	4.0		300.0		Mix and pump 2					9.00
	4.0		300.0		Pump 10 BBL w					10.00
	4.0		300.0		Mix and pump d					10.00
	4.0		350.0		Mix and pump c	ement				45.00
			****		Stop					
	4.0		200.0		Start wash up ar	nd displacement				
	2.0		250.0		Slow rate					20.50
2:15 PM	2.0		400.0			release pressure				29.50
2.15 FW					Rig down and le	ave loacation				
						49.45.45.45.45.45.45.45.45.45.45.45.45.45.				
							TOTAL:			111.50
		011141								
	Max Fl. Rate	SUMN Avg Fl. Rate	Max PSI	Avg PSI	, i	PRODUCTS USED				Ì
Г	4.0	3.5	400.0	300.0						
_										
						200 lb 205		05 11 / 1 / 7		
					Ľ	200 lb gel and 205 sacks 5	50:50:2%gel +	.25 lb/sk flos	eal	
	94 <u>-</u> 4 100									
Treater:	Take t	teard						Customer:		Chris McGowr



Operator:

RJ Energy, LLC Garnett, KS

Martin WSW-1

Anderson Co, KS 30-22-19E API #003-26611-00-00

 Spud Date:
 6/30/2017
 Surface Bit:
 11"

 Surface Casing:
 8 5/8"
 Drill Bit:
 7 7/8"

 Surface Length:
 21'
 Longstring:
 1260'

 Surface Cement:
 4 sx
 Longstring Date:
 7/7/2017

Longstring: 5 1/2

Driller's Log

		2	
Top	Bottom	Formation	Comments
0	2	Soil	
2	6	Clay	
6	41	Lime	
41	154	Shale	
154	165	Lime	
165	178	Shale	
178	186	Lime	
186	196	Shale	
196	214	Sandy Shale	
214	274	Lime	
274	324	Shale	
324	335	Lime	
335	338	Shale	
338	347	Lime	
347	349	Shale	
349	445	Lime	
445	618	Shale	
618	652	Lime	
652	722	Shale	
722	750	Lime	
750	766	Shale	
766	774	Lime	
774	787	Shale	
787	795	Lime	

Martin #WSW-1 Anderson, Co, KS 795 798 Shale 798 809 Lime 834 Shale 809 834 840 Sandy Shale Odor 840 846 Sand Broken, fair odor, slight bleed in samples Sand Broken, good odor, slight bleed to pit, 846 872 mostly sand 872 880 Black sand, slight odor Sand 880 1022 Shale 1022 1030 White Sand 1030 1196 Shale 1196 1264 Miss. Lime 1264 TD

Tail in open hole from 1265-1326' with 4.75" button bit