KOLAR Document ID: 1267242

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	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.xxxxx)
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:
☐ OG ☐ GSW	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:w/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)
Committed at Provider	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
<u> </u>	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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 Approved by: Date:

KOLAR Document ID: 1267242

Page Two

Operator Name:	:						_ Lease	Name: _				W	/ell #:	
SecTw	vp	S. R.		East	t W	est	Count	y:						
open and closed and flow rates if	d, flowing a gas to sur rity Log, Fir	and shu face tes nal Logs	t-in pressu st, along w s run to ob	ures, who vith final otain Geo	ether sh chart(s) ophysica	ut-in pre . Attach al Data a	ssure read extra she nd Final E	ched stati et if more Electric Lo	c level space	, hydrosta is needed	tic pressures d.	, botton	n hole tempe	val tested, time tool erature, fluid recovery, v. Digital electronic log
Drill Stem Tests (Attach Addi		rs)		Y	/es	No			.og	Formatio	n (Top), Dep	oth and I	Datum	Sample
Samples Sent to		•	ey	Y	es [No		Nam	е			-	Тор	Datum
Cores Taken Electric Log Rur Geologist Repoi	rt / Mud Lo	gs		Y	/es _ /es _ /es _	No No No								
				Rep			RECORD	Ne		Used te, producti	on. etc.			
Purpose of S	tring		Hole lled	Si	ze Casin et (In O.D	ıg	We	ight / Ft.	S	Setting Depth	Type of Cement		# Sacks Used	Type and Percent Additives
					455	UTIONIAL	OFMENT			DECORD				
Purpose:		De	epth	Type	ADD e of Cem		# Sack		JEEZE	RECORD	Typo	and Para	ent Additives	
Perforate Protect Ca		Top B	Sottom	Тур	e or oem	ient	# Odok	3 03eu			туре	and reic	ent Additives	
Plug Off Z	Zone													
 Did you perforn Does the volum Was the hydrau 	ne of the tota	al base fl	luid of the h	ydraulic fr	acturing					Yes Yes Yes	No (If N	lo, skip q	nuestions 2 an nuestion 3) t Page Three o	
Date of first Produ	uction/Injecti	ion or Re	esumed Pro	duction/		icing Meth	od:	na 🗆	Gas Lif	+ Do	ther (Explain)			
Estimated Produ	ction		Oil E	Bbls.			Mcf	Wate			ols.	Gas	-Oil Ratio	Gravity
Per 24 Hours	8													
Vented	OSITION O	Used	on Lease		Open Ho	_	IETHOD O	Dually	Comp.		nmingled	7	PRODUCTIC Top	N INTERVAL: Bottom
(If vent	ted, Submit A	.CO-18.)						((000)				
Shots Per Foot	Perfora Top		Perfora Botto		Bridge Type		Bridge PI Set At			Acid,	Fracture, Shot (Amount and		nting Squeeze Material Used)	Record
TUBING RECOR	RD:	Size:		Set At:			Packer At:							

Form	ACO1 - Well Completion
Operator	Lawco Holdings, LLC
Well Name	Walker 1-31
Doc ID	1267242

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	324	Class A	175	Calcium- Chloride, FLO-Seal
Production	7.825	5.5	15.5	3256	60/40; Thick Set	335	Bentonite Gel;Pheno Seal;KOL Seal;Cau stic Soda



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

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	Lawco Ho	Idings LLC.			stomer Name:			Ticket No.:		10059	8
	P.O. Box				AFE No.:			Date:	10/20/201	5	
City, State, Zip:	Bentonvil	le, AR 72712			Job type	8 5/8 Surface	e				
Service District:	Garnett K	s.			Well Details:	23 Lb. 8 5/8	Set @ 324' 3:	25' of 12 1/4 H	lole		
Well name & No.	1-31			Well Location:	31-34S-7E	County	Cowley	States	Kansas		
Equipment #	Driver	Equipment#	Driver	Equipment #	Hours	TRUCK CAL	LED			AM PM	TIME
231	Tom					ARRIVED AT	г ЈОВ			AM PM	19:30
241	Troy					START OPE	RATION			AM PM	22:35
26	Joe					FINISH OPE	RATION			AM PM	23:20
28	Todd				ļ	RELEASED			*	AM PM	0:00
				<u> </u>		MILES FROM	M STATION T	O WELL			
		,L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Tr	eatment Su	ımmary					

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount		N	et Amount
00101	Heavy Equip. One Way	mi	75.00	\$3.25	\$243.75			\$195.00
00102	Light Equip. One Way	mi	75.00	\$1.50	\$112.50			\$90.00
24100	Cement Bulk Truck	tm	637.00	\$1.30	\$828.10			\$662.48
23101	Cement Pump	ea	1.00	\$790.00	\$790.00			\$632.00
201600	Regular - Class A Cement	sack	175.00	\$14.85	\$2,598.75			\$2,079.00
201608	Calcium - Chloride	lb	500.00	\$0.75	\$375.00			\$300.00
201611	FLO-Seal	lb	50.00	\$2.15	\$107.50			\$86.00
redit terms of sale fo	ance unless Hurricane Services Inc has approved credit prior to sale. or approved accounts are total invoice due on or before the 30th day from ast due accounts may pay interest on the balance past due at the rate of 1			Gross:		Net:	\$	4,044.4
% per month or the sterest to a lesser arr	ast due accounts may pay interest of the value passes of the water passes of the maximum allowable by applicable state or federal laws if such laws limit tount. In the event it is necessary to employ an agency and/or attorney to f said account, Customer hereby agrees to pay all fees directly or	Frac and Acid	I Taxable service treatments d production on newly	lesigned with intent	Tax Rate:	6.650% Sale Tax:	\$	
directly incurred for	such collection. In the event that Customer's account with HSI becomes be right to revoke any and all discounts previously applied in arriving at nei	1	wells are not taxab	ole.		Total:	\$	4,044.4
ue and owing and su	vocation, the full invoice price without discount will become immediately bject to collection. Authorization below acknowledges receipt and is and conditions including the Standard Terms of Sale.	Н	Date of Service SI Representative	: 10/20/2015 : Todd Seba				
X			er Representative			<u></u>		
	customer Authorized Agent Customer Comments or Concerns:							



HURRICANE SERVICES INC

Micro Markey Marker Mark	Customera	Lawco Holdir	ngs LLC.			Date: 10/20/2015 so#: 1286					
Control Cont	Representative:	Mike Mackey									
Field Order No. 100598	Address:										
Field Order No. 100598	City, State:										
Well Name: Walker #1-31 Casing Depth: 32.4	County, Zip:										
Well Name: Walker #1-31 Casing Depth: 32.4		r						·		41 (84)	Bowfo
Location Dexter Formation Type of Services Surface Tubing Depth: Tubing Size: Liner Depth:	Fiel	ŀ			_	-			Perr De	eptns (rt)	Peris
Formation: Tubing Depth: Tubing Size: Liner Depth:						- ·				 	
Type of Services Surface Well Types		ŀ	Dex	cter			6 3/6				
New New New Liner Depth: Liner Top:	Type	ļ	Surf	ace							
New Liner Size Liner Top: Liner Bottom: Total Perfs	ı ype	į.	3011	ace		_					
Packer Type:		- 1	Ne			· -					
Packer Depth: Treatment Via: Casing Total Depth: 324		- ,				<u></u>					
Total Perfs D NAICH NA		- I			L	iner Bottom:					
NJECTION RATE	Tre	eatment Via:	Cas	ing		Total Depth:	324				
TIME FLUID N2/CO2 STP ANNULUS REMARKS (Ibs) (gls) (bbls)		·				<u> </u>				Total Perfs	0
TIME FLUID N2/CO2 STP ANNULUS REMARKS (Ibs) (gls) (bbls)										1101	EL 1910
Supplied Supplied	S(1) 4 S						DEMARKS				
7:39 PM		FLOID	NZICOZ	SIF	ANNOLOS	Called Out	KEMAKKO				
Rig Still Drilling	-						n Hold Safety Meeting & Se	t up Trucks			
10:35 PM	7.00 7 11.										
10:35 PM						Run 7 Jts' 8 5/8 23	Lb Casing + Landing Jt'=3	28'			
10:45: PM						Set @ 324'				<u> </u>	
10:55 PM 3.0 50.0 Start Pumpling H2o 10.00	10:35 PM					Casing on bottom	Hook up to casing break c	irc w/Rig			
10:55 PM 3.0 50.0 Start Mix 175 Sx @ 15.2 #/Gal 41.14 11:13 PM 3.0 100.0 Start Displacement W/H20 11:20 PM 150.0 Shut Down Close Vavie on casing 19.71 Good Circulate 20 sacks to Pit Wash Up Truck Rack Up Trucks Off Location 12:00 AM Off Location Thanks Please Call Again Todd Joe Tom Troy TOTAL: 70.85 SUMMARY PRODUCTS USED	10:45: PM					Hook up to Casing	9		ļ		
10:59 PM 3.0 100.0 Start Mix 179 3cg 10.2 Modal 11:13 PM 3.0 100.0 Start Displacement WiH20 19.71 150.0 Shut Down Close Vavie on casing 19.71 19.71 150.0 Shut Down Close Vavie on casing 19.71 19.7	10:55 PM	3.0		50.0		Start Pumping H2	0			<u> </u>	
11:20 PM	10:58 PM	3.0		100.0		Start Mix 175 Sx (2) 15.2 #/Gal		<u> </u>		41.14
11:20 PM	11:13 PM	3.0		100.0						1	10.71
Circulate 20 sacks to Pit	11:20 PM			150.0							19.71
Mash Up Truck									 		
12:00 AM							s to Fit				
12:00 AM											
Thanks Please Call Again Todd Joe Tom Troy TOTAL:	12:00 AM					1					
SUMMARY PRODUCTS USED	12,00 AIII						nks Please Call Again				
SUMMARY PRODUCTS USED						То	dd Joe Tom Troy				
Max Fi. Rate			W-1-111					TOTAL:		<u> </u>	70.85
Max Fi. Rate			*	1# 4 D\/		· ·	DODUCTS HEED				
3.0 3.0 150.0 100.0		May El Rate			Ava PSI	ŗ	-KODOCTS OSED				7
	1										
175 Sacks Common 3% C.C. 1/4 Cellflake	•										
							175 Sacks Common 39	% C.C. 1/4 Cellfl	ake		
											~

Treater:

Todd Seba

Customer: Mike Mackey



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

HIIRRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	Lawco Ho	olding LLC			stomer Name:		Ticket No.:				6		
Address:	P O Box 4	25	•		AFE No.:			Date:	10/25/201	5			
City, State, Zip:	Bentonvil	le AR 72712			Job type	cement long	string (new)	well)					
Service District:	Garnett K	ansas			Well Details:	7 7/8 Hole @	3495 5 1/2	Casing @ 32	44 plus 12	' landin	g sub		
Well name & No.	Walker 1-	31			Well Location:	Dexter County: Cowley State:					ate: KS		
Equipment#	Driver	Equipment#	Driver	Equipment #	Hours	TRUCK CAL	ED			AM PM	TIME		
231	Tom					ARRIVED AT	JOB			AM PM			
163-250	Danny					START OPER	RATION			AM PM			
26	Joe					FINISH OPER	RATION			AM PM			
30	Brad					RELEASED				AM PM			
						MILES FROM	STATION T	O WELL					
				Tre	eatment Su	ımmary							

Product/Ser Code	vice Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amoun
p01603	60/40 Pozmix Cement	sack	150.00	\$12.00	\$1,800.00	15.00%	 \$1,530.0
p01607	Bentonite Gel	lb	750.00	\$0.30	\$225.00	15.00%	\$191,2
p01618	Pheno Seal ,	lb	300.00	\$1.70	\$510.00	15.00%	 \$433.5
p01606	Thickset Cement	sack	175.00	\$18.60	\$3,255.00	15.00%	 \$2,766.7
p01609	KOL-Seal	g	850.00	\$0.65	\$552.50	15.00%	\$469.6
01618	Pheno Seal	lb	300.00	\$1.70	\$510.00	15.00%	 \$433.5
01641	Float Shoe - Flapper Type 5 1/2"	ea	1.00	\$295.00	\$295.00	15.00%	 \$250.7
01660	Centralizers - 5 1/2"	ea	9.00	\$80.00	\$720.00	15.00%	\$612.0
01657	Cement Baskets - 5 1/2"	ea	3.00	\$145.00	\$435.00	15.00%	\$369.7
25000	Cement Bulk Trailer	tm	1,190.00	\$1.30	\$1,547.00	15.00%	 \$1,314.9
01682	5 1/2 LD Plug & Baffle	ea	1.00	\$332.50	\$332.50	15.00%	\$282.6
:00101	Heavy Equip. One Way	mi	75.00	\$3.25	\$243.75	15.00%	\$207.
:00102	Light Equip. One Way	mi	75.00	\$1.50	\$112.50	15.00%	\$95.6
23100	Cement Pump	ea	1.00	\$950.00	\$950.00	15.00%	\$807.
01629	Caustic Soda	lb	100.00	\$1.69	\$169.00	15.00%	 \$143.6
001101	KCL	gal	3.00	\$27.13	\$81.39	15.00%	 \$69.
				,			
OUR PRINTED OF THE PR							
RMS: Cash in a	dvance unless Hurricane Services Inc has approved credit prior to sale.			Gross:	\$11,738.64	Net:	\$ 9,977.8
e date of invoice	e for approved accounts are total invoice due on or before the 30th day from . Past due accounts may pay interest on the balance past due at the rate of 1	Total	Taxable	\$ -	Tax Rate:	7.400%	
% per month or t	he maximum allowable by applicable state or federal laws if such laws limit amount. In the event it is necessary to employ an agency and/or attorney to		ervice treatments de		Tux riaio.	Sale Tax:	\$
ect the collection irectly incurred t	n of said account, Customer hereby agrees to pay all fees directly or for such collection. In the event that Customer's account with HSI becomes s the right to revoke any and all discounts previously applied in arriving at ne	1	oduction on newly di wells are not taxable			Total:	\$ 9,977.
oice price. Upor	n revocation, the full invoice price without discount will become immediately subject to collection.		Date of Service:	Tau: 0	10/25/2015	4 Dutley	
X			Representative:	TOM G	oodner / Brac Mikè Mackey		
*	CUSTOMER AUTHORIZED AGENT						
	Customer Comments or Concerns:	1					

Customer: Lawco Holding



HURRICANE SERVICES INC

10/25/2015

SO#:

Representati	ive: Mike Macke	у		j						
Addre	P O Box 425	5		:						
City, Sta	ate: Benton	ville, AR								
County, 2	Zip:	****	· · · · · · · · · · · · · · · · · · ·							
		·· ·· · · · · · · · · · · · · · · · ·		__						
F	ield Order No.:	50	486	ا م	pen Hole:	7 7/8	\neg	Perf D	epths (ft)	Perfs
	Well Name:	Walke	er #1-31	1	ng Depth:	3256			T T	
	Location:	De	xter	{	sing Size:	5 1/2 15.5#				
	Formation:			Tubi	ng Depth:					· · ·
T ₃	ype of Service:	Long	string	Tu	bing Size:					
	Well Type:			Lir	ner Depth:					
	Age of Well: NEW		ι	.iner Size:						
	Packer Type:			1	Liner Top:					
1	Packer Depth:			Line	r Bottom:					
7	Treatment Via:	Ca	sing	То	tal Depth:	3295			1	
									Total Perfs	0
103. 1 35.14 Ap. 1		13 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -								
TIME	FLUID	ON RATE N2/CO2		SURE ANNULUS		REMARKS		PROP (lbs)	HCL (gls)	FLUID (bbis)
m					lled out					
9:30am				On	location, Rig	laying down pipe				
10:00am				Ru	n in 77 joints	of 5 1/2 #15.5 casing				
				AF	U Float Shoe	& Latch down baffle on first j	oint			
				Ce	ntralizers on j	oints 4 7 12 15 18 23 32 39 47				
				Ce	ment baskets	on joints 2 20 26				
11:30am				pu	mp truck and	bulk truck on location				
12:15pm				Lai	nded the casir	ng and started circulating mu	d W/Rig			
				Wa	ited on Water	Trucks				
2:00pm				Но	ok up to casir	ng, water trucks arrived				
2:15pm	3.0		150.0	Sta	arted pumping	H20 spacer				10.00
2:19pm	3.0		150.0	Sta	rted pumping	H20 spacer with 100# causti	c soda			10.00
2:23pm	3.0		150.0	Sta	rted pumping	H20 spacer				10.00
2:26pm	1.5		100.0			0/40 6% 160sx @ 13.0ppg lea				44.00
2:51pm	1.5		125,0		-	hick Set 175sx @ 13.4ppg tai	f cement			52.00
3:23pm						Pump & Lines				
				······	lease LD Plug			-		
3:25pm	4.0		75.0	Sta	rt Displaceme	ent with 2 % KCL	TOTAL	-	+	400.00
							TOTAL:	-	•	126.00
		SUM	MARY			PRODUCTS USED				
	Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI	ſ					
	4.0	1.5 bpm	300.0	750.0						

Treater: Tom Goodner

Customer: Mike Mackey

160sx 60/40 6% / 175sx Think Set / 100# Caustic Soda / 3gal KCL

1286