

Confidentiality Requested:

Yes No

# Kansas Corporation Commission Oil & Gas Conservation Division

1252476

Form ACO-1
August 2013
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. 15				
Name:	Spot Description:				
Address 1:	Sec Twp S. 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 SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  If Workover/Re-entry: Old Well Info as follows:  Operator: Well Name: Original Comp. Date: Original Total Depth:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.				
□ Deepening       □ Re-perf.       □ Conv. to ENHR       □ Conv. to SWD         □ Plug Back       □ Conv. to GSW       □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:				
Dual Completion Permit #:					
SWD         Permit #:	Location of fluid disposal if hauled offsite:				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec.         TwpS. R East West           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					
Geologist Report Received					
UIC Distribution					
ALT I I II Approved by: Date:					

Page Two



Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es  No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottom								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[	Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS:  Used on Lease		N Open Hole	∥ETHOD OF Perf.	_		mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

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

FED ID# 48-1214033 MC ID# 165290

Remit to: Hurricane Services, Inc. 250 N. Water, Suite 200

Wichita, KS 67202

HURRICANE SERVICES INC

104 Prairie Plaza Parkway Garnett, KS 66032

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

Customer:	Invoice Date:	5/13/2015
LEGEND OIL & GAS LTD	Invoice #:	0019213
555 NORTHPOINT CENTER EAST	Lease Name:	LANDERS
SUITE 400	Well #:	WDW 1
ALPHARETTA, GA 30022	County:	WILSON

Date/Description	HRS/QTY	Rate	Total
See ticket 50023 of JB	30.000	3.250	97.50
Light Eq mileage one way	30.000	1.500	45.00
Minimum Ton mileage charge	1.000	300.000	300.00
Cement pump-Longstring & plug	1.000	790.000	790.00
Cement Quickset	57.000	18.600	1,060.20 T
Cement Pozmix 60/40	176.000	12.000	2,112.00 T
Bentonite Gel	502.000	0.300	150.60 T
Top rubber plug 4 1/2"	1.000	38.000	38.00 T
City water	10,000.000	0.013	130.00 T
80bbl Vac truck 108	2.000	84.000	168.00
80bbl Vac truck 110	2.000	84.000	168.00
Transports 150 bbl	2.000	105.000	210.00
Discount	1.000	355.700-	355.70-
Discount	1.000	698.160-	698.16-T

Net Invoice	4,215.44
Sales Tax: (6.15%)	171.75
 Total	4,387.19

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

## **HURRICANE SERVICES INC**

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	Legend O	ił			ıstomer Name:			Ticket No.:		5002	3
Address:					AFE No.:			Date:	5/13/2015		
City, State, Zip:				Job type	Cement Longstring ( NEW WELL )						
Service District:				Well Details:	s: 4 1/2 casing @ 1578 6 3/4 hole @ 1651						
Well name & No.	Landers V	VDW1		_	Well Location:		County:	WILSON	State:	KS	
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours	TRUCK CALL	.ED			AM PM	TIME
231	Tom	25	Dwayne			ARRIVED AT	JOB			AM PM	
110	Amos	144-T150	Rick			START OPER	RATION			AM PM	
108	Jeff					FINISH OPER	RATION			AM PM	
240	Troy					RELEASED				AM PM	
242	Jesse					MILES FROM	STATION T	O WELL			

### Treatment Summary

Pumped 25 bbl water to load the casing. Dropped Type A packer shoe Ball and pumped 20 bbl water to get it to set @ 850 psi and to achieve circulation. Pumped 15 bbl gel sweep followed by 17 bbl water spacer and 176 sks of 60/40 poz mix 2% gel, Followed by 57 sks of OWC. Shut down and flushed pump and pumped plug to bottom and set float shoe. 5 bbl of slurry to pit.. 5460 bbb water from Fredonia city water hydrant.

			ç	12-12			
Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
c00101	Heavy Equip. One Way	mi	30.00	\$3.25	\$97.50	20.00%	\$78.00
c00102	Light Equip. One Way	mi	30.00	\$1.50	\$45.00	20.00%	\$36.00
c00104	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00	20.00%	\$240.00
c20101	Cement Pump (Longstring & Plug)	ea	1.00	\$790.00	\$790.00	20.00%	\$632.0
p01606	Quick Set Cement	sack	57.00	\$18.60	\$1,060.20	20.00%	\$848.10
p01603	60/40 Pozmix Cement	sack	176.00	\$12.00	\$2,112.00	20.00%	\$1,689.6
001607	Bentonite Gel	lb	302.00	\$0.30	\$90.60	20.00%	\$72.4
p01607	Bentonite Gel	lb	200.00	\$0.30	\$60.00	20.00%	\$48.0
001633	Rubber Plug 4 1/2	ea	1.00	\$38.00	\$38.00	20.00%	\$30.4
p02000	H2O	gal	10,000.00	\$0.01	\$130.00	20.00%	\$104.0
J02000		l gui	10,000.00	ψο.στ	ψ130.00	20.00%	<del>\$104.0</del>
10800	Vacuum Truck 80 bbl	ea	2.00	\$84.00	\$168.00	20.00%	\$134.4
c11000	Vacuum Truck 80 bbl	ea	2.00	\$84.00	\$168.00	20.00%	\$134.4
c15000	Transports 150 bbl	ea	2.00	\$105.00	\$210.00	20.00%	\$168.0
	<u> </u>	<u> </u>					
	<u> </u>	<u>l</u> I	<u> </u> 	<u> </u>			
	<u> </u>	<u> </u>	<u> </u>				
	<u> </u>	<u> </u>					
			<u> </u>				
	<u> </u>	<u>l</u>	<u> </u>	<u> </u>			
EDMS. Cash in adva	nce unless Hurricane Services Inc has approved credit prior to sale. Credit						
erms of sale for appro	ved accounts are total invoice due on or before the 30th day from the date			Gross:	\$ 5,269.30	Net:	\$ 4,215.4
	counts may pay interest on the balance past due at the rate of 1 1/2% per n allowable by applicable state or federal laws if such laws limit interest to		Taxable	\$ -	Tax Rate:	6.150%	
lesser amount. In the	e event it is necessary to employ an agency and/or attorney to affect the unt, Customer hereby agrees to pay all fees directly or indirectly incurred		service treatments de roduction on newly d	rilled or existing		Sale Tax:	
ne right to revoke any	he event that Customer's account with HSI becomes delinquent, HSI has and all discounts previously applied in arriving at net invoice price. Upon		wells are not taxable	е.		Total:	\$ 4,215.4
evocation, the full investiblect to collection.	oice price without discount will become immediately due and owing and	<u> </u>	Date of Service: 5/13/2015				
		Н	SI Representative:		Joe Bland	hard / Dwa	yne Lowe
X	CUSTOMER AUTHORIZED AGENT	Custome	er Representative:			erry Carro	<u>II</u>
	CUCTOMER AUTHORIZED ACENT						

Hurricane Services, Inc. 104 Prairie Plaza Parkway Garnett, KS 66032 Office # 785-448-3100 Toll Free # 855-718-8027



Ticket	No	50023
Location		
Foreman	Disay	ne / Joe
		, -

Cement Service ticket							
Date /	Custome	r#	Well Name & Number Se		Sec./To	wnship/Range	County
5/14/15			Landas #	-WDW1	28	295 ISE	W.L.
Customer			Mailing Address		City	State	Zip
1/20	end oil		0		1		•
	end Oil						
Job Type:					•	Truck #	Driver
	,	Casing	T.D 1578.25				
Hole Size:	6 3/1	Casing Si	ze: 4 🚣	Displacement:			
Hole Depth:	1651	Casing W	eight:	Displacement	PSI:		
Bridge Plug:	· 	Tubing:		Cement Left in	Casing:		
Packer:		PBTD:		<u> </u>			-
	. 11		D	<u> </u>	1		
Quantity Or	Units		Description of S	servcies or Pro	auct	Pump charge	<u>}</u>
		Mileage				\$3.25/Mile	·
	•						
	· <>	CINC					
	3 /	1000	40 CeMent				
	176	60/	40 CeMent				
	*						
·				,	<u> </u>		
	*						
			,				
				1.			
				$G \cap G$	,		
			V			-	
	Tons	Bulk Truc	:k			\$1.15/Mile	
	44		e e e e e e e e e e e e e e e e e e e				
		Plugs					
			•			Subtotal	
	-	•				Sales Tax	
						Estimated Tot	:al
Remarks:							
		Tell	V@ Carroll	Energy, C	om A	11 Sm 11 het	Vens_
Casing	Ran Wifi	4	Y@ Carroll to Type Ar	Packer Sh	ەد		
	<u> </u>						
	110 Bd	rnels -	Garrett water	K			
	Rest	Fredor	via water				
	-						

City\_ State\_

Price \_\_

Remarks \_

Weigher \_ ES-47 NCR

Commodity 69/

173 SACS Used

at 3

TB

Driver ON OFF

	Date 5 · 12 - 15	ONIC SCALE, I	handers w	8828 Dw1
menter describe describe de constitución de co	Seller Terry Carroll Legan Address	ا،ه له	lurricane Garnett,	Servs. Inc. Ks. 66032
A control of control o	State Zip Commodity 60/40 20 60/	<del>-</del>		8 AM 05/12/15 lb Gross
A COMPANY TO THE PROPERTY OF T	Price	- - - 73 SKS 60/4 - Come off of - #240	10:242 12 10 43500 10 25360 truck 4542	lb Gross Ib Tare
-		ONIC SCALE T Fixal Weig		8289
	Λ ,	send oil	handers	· wowl

**ELECTRONIC SCALE TICKET** 

12:54 PM

05/13/15

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Price\_ Remarks\_

Weigher \_ ES-47 NCR

Driver □ ON □ OFF\_

OB JP

ELECTRONIC SCALE TOKETane Serva Inc. Sarnett, Ks. 82872
Seller J.L. Carroll Legard oil 10:38 AM 05/12/15  Buyer J.L. Carroll Legard oil 29160 1b Gross
Address LANders WDW!
State Zip Commodity Swell DW C 226 Gd
Remarks 100 lbs Cal, 100 lbs Gel, 250 lbs DWC ID: 240 01: 28 PM 05/12/15
Driver ON OFF already had 29160 ID Tare  Weigher SL 75K5 of thick set 1200 ID Tare  ON it
ES-47 NCR
ELECTRONIC SCALE TICKET 8290
Seller T. L. Carroll Legendoil Final Weight
Address Landers wow!
State Zip

Rig Num	ber: /		8.28	T.295	R./5/F		
API No.	15-205-	28345	County: W. /SOA				
		Elev. 965	Location: SE-		-SE		

oil +Gos
point Cutr East suite 400
6A 30022
Lease Name: Lander
ft. from the (N) (S) Line
5//5 ft. from the (E) (W) Line
McPherson Drilling LLC
Geologist:
Total Depth: /65/

Casing Record			Rig Time:			
	Surface	Production				
Size Hole:	11"	63/4"				
Size Casing:	85/8"		`			
Weight:	53#		* 30 .			
Setting Depth:	40'					
Type Cement:	ant					
Sacks:	18					

Gas Tests:
Put oil on pit from 1200' PD 1240'
1200' 80 1240'
·
oil odor @ 1320'
عرب العبول العبول
Oicted and Ald of ande
Picked up Abt of water
Q 55 /6 / 6
1651' workered out
1651 Watered out

	Ini wa	Les @ Ve	20'	Well Log	3			
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
Top Soil	0	2	Shale	911	92/	Stale	556	1572
lime	7	15-1	limo	921	930	lime	1572	1651
Shale	151	266	Shorte	930	935			
line	766	269	coal	935	936			
Shala	269	772	limo	9316	941			
lime	272	775	Spale	947	943		:	
Shalc	275	278	lime	943	945			•
Sand	278	386	Sand Papale	945	955			
Shalk	386	397	Thole	955	1051			
lim-e	397	489	Coal	1051	1025			
Shale	489	495	Sand I Sofale	1052	1069			
Sound	495	327	Coal	1064	1065			
Shalz	527	339	Thouse 1	1065	1/25			<u> </u>
lime	539	562	the Gord	1/25	1191	•		
Shale	562	604	Oil Sand	1191	12.73		-	
lime	694	6/8	Sangl/shale	1233	1242			
Shalz	48	634	Shale	1242	7254		_	-
line	434	1096	9 Coal	1 1 1 1	1255			
Shale	679	1 60 by	Shalf	1255	1283		<u> </u>	1
lime	694	1 21	Coal	1383	1284			
Shale	70	82	Sand Islate	1284	1292			
lime	825	1000 P	mississippi	1042	15 79			
Shale	85/	888	Green Strake	1599	1551		_	_
lime	888	911	lime	1551	1556			

