

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

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: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. 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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No TCores aken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Lawco Holdings, LLC
Well Name	Radcliff 3-4
Doc ID	1262178

Tops

Name	Top	Datum
Pawhuska	995	1365' GR
Stalnaker	1682	1365' GR
Hog Shooter	2034	1365' GR
Altamont	2464	1365' GR
Fort Scott	2580	1365' GR
Mississippian Chat	2896	1365' GR
Meramecian	2920	1365' GR
Woodford	3228	1365' GR
Arbuckle	3235	1365' GR



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

HURRICANE SERVICES INC

NEW WELL

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: LAWCO HOLDINGS,LLC		Atomor Name:		Ticket No.: 100610				
Address: P.O. Box 425		AFE No.:		Date: 8/13/2015				
City, State, Zip: Bentonville, AR 72712		Job type: Surface Pipe						
Service District: Madison, Ks		Well Details: 23lb. 8 5/8" set @ 316' plus 14' landing joint / 325' of 12 1/4" hole						
Well name & No. Radcliff # 3-4		Well Location: 4-33s-7e		County: Cowloy	State: Kansas			
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours			
#201	Rick					TRUCK CALLED	AM	12:45 PM
						ARRIVED AT JOB	AM	3:00pm
#202	Bryan					START OPERATION	AM	3:30pm
#30	Brad					FINISH OPERATION	AM	4:00pm
						RELEASED	AM	4:30pm
						MILES FROM STATION TO WELL	107 miles	

Treatment Summary

Rig up to 8 5/8" casing, break circulation with fresh water. Mixed 175sks Regular cement w/ chemicals with city water. Displaced cement with 19Bbls of city water. Shut Down - Close casing in with good cement returns = 9 Bbls slurry Job Complete - Tear Down
 "Thank You"

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
c20101	Cement Pump (Longstring & Plug)	ea	1.00	\$790.00	\$790.00	20.00%	\$632.00
c00101	Heavy Equip. One Way	mi	70.00	\$3.25	\$227.50	20.00%	\$182.00
p01600	Regular - Class A Cement	sack	175.00	\$14.85	\$2,598.75	20.00%	\$2,079.00
p01608	Calcium - Chloride	lb	500.00	\$0.75	\$375.00	20.00%	\$300.00
p01611	FLO-Seal	lb	50.00	\$2.15	\$107.50	20.00%	\$86.00
c20200	Cement Bulk Truck	tm	576.00	\$1.30	\$748.80	20.00%	\$599.04
c00102	Light Equip. One Way	mi	70.00	\$1.50	\$105.00	20.00%	\$84.00

TERMS: Cash in advance unless Hurricane Services Inc has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI 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 become immediately due and owing and subject to collection.

Gross: \$ 4,952.55		Net: \$ 3,962.04	
Total Taxable	\$2,465.00	Tax Rate:	6.400%
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.		Sale Tax:	\$ 157.76
		Total:	\$ 4,119.80

Date of Service: 8/13/2015
 HSI Representative: Brad Butler Thank You
 Customer Representative: Mike Mackey

X _____
 CUSTOMER AUTHORIZED AGENT
Customer Comments or Concerns:

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.



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

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: Lawco Holding LLC		Customer Name:		Ticket No.: 100584				
Address: P O Box 425		APE No.:		Date: 8/20/2015				
City, State, Zip: Bentonville Ar 72712		Job type: 5 1/2 Longstring						
Service District: Garnett Kansas		Well Details:						
Well name & No. Radcliff # 3-4		Well Location: Dexter	County: Cowley	State: Kansas				
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours		AM	TIME
28	Todd					TRUCK CALLED	AM	
						ARRIVED AT JOB	PM	5:45
26	Joe					START OPERATION	PM	12:20
230	Jeff					FINISH OPERATION	PM	14:35
149-250	Troy & Jr					RELEASED	PM	15:20
						MILES FROM STATION TO WELL		70
Treatment Summary								
Product/Service Code	Description	Unit of measure	Quantity	List Price/Unit	Gross Amount	Net Amount		
P01803	60/40 Pozmix Cement	sack	150.00	\$12.00	\$1,800.00	\$1,530.00		
P01607	Bentonite Gel	lb	750.00	\$0.30	\$225.00	\$191.25		
P01618	Pheno Seal	lb	300.00	\$1.70	\$510.00	\$433.50		
P01606	Thickset Cement	sack	175.00	\$18.60	\$3,255.00	\$2,766.75		
P01609	KOL-Seal	lb	850.00	\$0.65	\$552.50	\$276.25		
P01618	Pheno Seal	lb	300.00	\$1.70	\$510.00	\$433.50		
P01641	Float Shoe - Flapper Type 5 1/2"	ea	1.00	\$295.00	\$295.00	\$250.75		
P01660	Centralizers - 5 1/2"	ea	12.00	\$80.00	\$960.00	\$816.00		
P01657	Cement Baskets - 5 1/2"	ea	3.00	\$145.00	\$435.00	\$369.75		
P01629	Caustic Soda	lb	100.00	\$1.69	\$169.00	\$143.65		
P01101	KCL	gal	3.00	\$27.13	\$81.39	\$69.18		
C25000	Cement Bulk Trailer	tm	1,190.00	\$1.30	\$1,547.00	\$1,314.95		
P01682	5 1/2 LD Plug & Baffle	ea	1.00	\$332.50	\$332.50	\$282.63		
C00101	Heavy Equip. One Way	mi	70.00	\$3.25	\$227.50	\$193.38		
C00102	Light Equip. One Way	mi	70.00	\$1.50	\$105.00	\$89.25		
C20100	Cement Pump	ea	1.00	\$950.00	\$950.00	\$807.50		
					Gross:	\$ 11,954.89	Net:	\$ 9,968.28
				Total Taxable	\$7,563.21	Tax Rate:	7.400%	
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.					Sale Tax:		\$ 559.68	
					Total:		\$ 10,527.96	
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<p>Date of Service: 8/20/2015</p>								
<p>HSI Representative: Todd & Joe</p>								
<p>Customer Representative: Mike Mackey</p>								
<p>X _____ CUSTOMER AUTHORIZED AGENT</p>								
<p>Customer Comments or Concerns:</p>								

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.