Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1210391

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	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?
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 ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back       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 #:	
SWD Permit #:      ENHR Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:      GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Reached TD Recompletion Date of 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
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Iwo	1210391
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chain important tang of formations papetrated	stail all aaraa Banart all final	conice of drill stome tests giving interval tested, time test

**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 (Attach Additional Sheets)		Yes No	□ L	og Formatic	on (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	ical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c		ew Used ermediate, producti	on, 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 / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

(If No,	skip	questions 2 and 3)
(If No,	skip	question 3)

No

No No

No

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					е	Ac		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Rur		No	
Date of First, Resumed	Producti	on, SWD or ENHF	ł.	Producing M	lethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERV										
	_	Jsed on Lease		Open Hole	Perf.	Dually	Comp.	Commingled	FRODUCTION	
(If vented, Su	bmit ACO	-18.)		Other (Specify)		(Submit /	,	(Submit ACO-4)		

Hurricane Services, Inc. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765



**Cement Service ticket** 

Ticket Number 100454 Location\_\_\_\_\_ Foreman\_ Dwayne Locuse\_\_\_

		Cement Sei	rvice ticket			
Date ,	Customer	# Well Nar	Sec./Town	ship/Range	County	
5/29/14		RoberSon	#1 Producer	,	Contraction of the second s	FRanklin co.
Customer		Mailing Addres	55	City	State	Zip
Denny Gi	llat.	4318 Fina		Rantoul	KS 1	6079
che any con			<i>icy</i>	1.1.6.1.1.6.64		
Job Type:					Truck #	Driver
Lang 4 Hole Size:	StRing	7001			231	Tom
Hole Size:	57/8	Casing Size: 278	Displacement	: 4,06 BBM		Amos Dang
Hole Depth:	780	Casing Weight:	Displacement		110	TYlor
Bridge Plug:		Tubing:	Cement Left in	n Casing: C	111	Scott
Packer:		PBTD:			25	Dwayne
Quantity Or U	Jnits	Description	n of Servcies or Pro	oduct	Pump charge	
20		Mileage CEMENT	PUMP	231	\$3.25/Mile	6500
20		Pickup	2	5	1.5	30 90-
6 10	6 SK	60/40 Pozr	nix		12 00	1272 00
182	665		In cement		130	53 60
200	165	Prem Gel			. 30	6000
26.5		Floscal			2.15	56 97
and the second se						
2.	hr	Water TRuco	K 110		\$ 400	16800
2	hr	water TAuc			84.00	168 00
46.00	Gal	Water			1.36	60 04
12.00	UAI					
4,55	Tons	Bulk Truck Cement	Delivary 2	41	\$1. <b>30</b> /Mile	300 00-
			85			
1		Plugs 2 - Ruk	ber Plug		2500	2500
ana			7		Subtotal	2933 62
and the second				7, 65	Sales Tax	25
					Estimated Tot	al
Remarks: /	tooked C	nto Casing a	and Estab	lish cin	•	Dump
IN RBI		Flush Follo	and a second	15 0RA		nd
	Cement		Sacks OF		Doz Mix	STOP
the second s	Wash C		hen Aums	Plug to	Bottom C	ind
Contraction of the second s		PST	in any	any is	Balland den Martin	hat al Kalanangan
Shut I	<u>n 700</u>	- C2/a. 4			and a second	

(Rev. 1-2011)

**Customer Signature** 

Contractor License #       32834       Cement Date         T.D.       780       Location       Sec 08       T 18       R 21         Lo. of pipe       714       4126 feet from       S       line         Surface pipe depth       20'       County       Franklin       S       line         Surface pipe depth       20'       County       Franklin       S       line         Driller's Log       Driller's Log       County       Franklin       S       line         2       dirt       0       2       14       43       G       line       li		Operator Licer Operator Address City Contractor	nse #	35047 Denney Gillett 2530 Delaware Road Pomona, KS 66076 JTC Oil, Inc.	j	API # Lease Nar Well # Spud Date		15-059-2663 Roberson P-1 5/28/2014	8-00-00	
T.D. of pipe       714       4126 feet from       S       line         Surface pipe depth       20'       County       Franklin       E       line         Surface pipe depth       20'       County       Franklin       E       line         Thickness       Stratat       From       To       7       14       43       3         2       dirt       0       2       14       43       3       16       16       153       173         20       lime       43       63       153       173       193       173       193       16<		Contractor Lice	ense #	32834		Cement D	ate			
Surface pipe depth $20'$ County       Franklin         Well Type       Production         Driller's Log         Thickness       Strata       From       To         2       dirt       0       2         12       lime       2       dirt       43         20       lime       43       63         90       shale       63       153         20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       202       208         30       shale       202       208         31       lime       193       196         6       red shale       202       208         33       lime       238       256         9       shale       256       280         15       lime       282       295         15       lime       323       328         15       lime       323       328         13       lime       323       328         13       shale       486		T.D.		780		Location		Sec 08	T 18	R 21
Surface pipe depth         20'         County         Franklin           Well Type         Production         Driller's Log           Thickness         Strata         From         To           2         dirt         0         2           12         lime         2         14           29         shale         14         3           20         lime         43         63           90         shale         63         153           20         lime         153         173           20         lime         193         196           6         shale         202         208           33         lime         193         196           6         red shale         202         208           30         shale         208         238           18         lime         238         256           9         shale         206         282           13         lime         323         328           14         Mime         238         341           145         shale         341         486           3         lime		T.D. of pipe		714			4126	feet from	S	line
Well Type         Production Driller's Log           Thickness         Strate         From         To           2         dirt         0         2           12         lime         2         14           29         shale         14         43           20         lime         43         63           90         shale         63         153           20         lime         173         193           20         shale         173         193           30         shale         196         202           6         shale         196         202           6         red shale         202         208           30         shale         206         238           18         lime         236         265           15         lime         265         280           2         shale         280         282           13         lime         323         328           14         ime         323         328           13         lime         323         328           13         lime         323         328     <		Surface pipe si	ze	7"			4126	feet from	E	line
Driller's Log           Thickness         Strata         From         To           2         dirt         0         2           12         lime         2         14           29         shale         14         43           20         lime         43         63           90         shale         63         153           20         lime         153         193           20         shale         193         196           6         shale         196         202           6         shale         202         208           30         shale         208         208           30         shale         208         208           31         lime         238         256           9         shale         208         208           13         lime         282         295           7         black shale         280         282           13         lime         302         328           14         ifme         323         328           13         lime         581         561           14			epth	20'		County		Franklin		
Thickness         Strata         From         To           2         dirt         0         2           12         lime         2         14           29         shale         14         43           20         lime         43         63           90         shale         63         153           20         lime         153         173           20         shale         173         193           3         lime         193         196           6         shale         202         208           30         shale         202         208           30         shale         202         208           31         lime         238         256           9         shale         202         208           13         lime         265         280           2         shale         282         295           7         black shale         295         302           13         lime         323         328           13         lime         328         341           145         shale         551		Well Type								
2       dirt       0       2         12       lime       2       14         29       shale       14       43         20       lime       43       63         90       shale       63       153         20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       256       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       328       341         145       shale       341       486         3       lime       486       489         13       lime       502       515         46       shale       515       561         13       lime       581       586         9       shale		~		-						
12       lime       2       14         29       shale       14       43         20       lime       43       63         90       shale       63       153         20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       196       202         6       shale       208       238         30       shale       238       256         9       shale       256       260         2       shale       282       295         7       black shale       295       302         13       lime       328       341         145       shale       341       486         3       lime       328       341         145       shale       3515       561         13       lime       502       515         46       shale       515       561         13       lime       561       572         9       shale       572       581         5       <										
29       shale       14       43         20       lime       43       63         90       shale       63       153         20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       196       202         6       red shale       202       208         30       shale       208       238         38       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         3       lime       323       328         13       lime       328       341         145       shale       314       486         3       lime       502       515         46       shale       515       561         13										
20       lime       43       63         90       shale       63       153         20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       323       328         13       lime       323       328         13       lime       323       328         13       lime       323       328         13       lime       341       486         3       lime       502       515         46       shale       515       561         13       lime       502       515         46       shale       515       561         5       lime       581       586         9       shal										
90       shale       63       153         20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       196       202         6       red shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       265       260         2       shale       282       295         7       black shale       295       302         21       lime       302       323         13       lime       323       328         13       lime       323       328         13       lime       323       328         13       lime       328       341         145       shale       486       489         13       lime       502       515         46       shale       515       561         13       lime       502       515         46       shale       572       581         5 <td></td>										
20       lime       153       173         20       shale       173       193         3       lime       193       196         6       shale       196       202         6       red shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       226       265         15       lime       265       280         2       shale       282       295         7       black shale       295       302         21       (ime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       328       341         145       shale       341       486         3       lime       561       515         13       lime       561       515         14       shale       572       581         5       lime       581       586 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
20       shale       173       193         3       lime       193       196         6       shale       196       202         6       red shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       lime       502       515         13       lime       502       515         14       lime       561       572         9       shale       572       581         5       lime       586       595										
3       lime       193       196         6       shale       196       202         6       red shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       256       265         15       lime       265       280         13       lime       280       282         13       lime       302       323         5       shale/coal mix       323       328         13       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       486       489         3       lime       486       489         3       lime       502       515         46       shale       515       561         5       lime       581       586         9       shale       572       581         5       lime       581       586         9       shale       595       606      10		200								
6       shale       196       202         6       red shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       581       586         9       shale       572       581         5       lime       581       586         9       shale       586       595      11										
6       red shale       202       208         30       shale       208       238         18       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       ime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed										
30       shale       208       238         18       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed </td <td></td>										
18       lime       238       256         9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       561       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620			le							
9       shale       256       265         15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed		49 C 110 C 1			238					
15       lime       265       280         2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed				238	256					
2       shale       280       282         13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       shale       561       572         145       shale       515       561         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oi       616       618       bleed         2       lime oi       618       620       good bleed					265					
13       lime       282       295         7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       shale       561       515         46       shale       515       561         11       lime       561       572         9       shale       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed				265	280					
7       black shale       295       302         21       lime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       shale       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed					282					
21       ime       302       323         5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       shale       489       502         13       shale       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed					295					
5       shale/coal mix       323       328         13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed			ale		302					
13       lime       328       341         145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed					323					
145       shale       341       486         3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         9       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed		shale/coal	mix	323	328					
3       lime       486       489         13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         9       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed					341					
13       shale       489       502         13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         9       shale       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed					486					
13       lime       502       515         46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed										
46       shale       515       561         11       lime       561       572         9       shale       572       581         5       lime       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed										
11       lime       561       572         9       shale       572       581         5       lime       586       595         9       shale       586       595         11       lime       595       606         10       shale       606       616         2       lime oil       616       618       bleed         2       lime oil       618       620       good bleed										
9         shale         572         581           5         lime         581         586           9         shale         586         595           11         lime         595         606           10         shale         606         616           2         lime oil         616         618         bleed           2         lime oil         618         620         good bleed					561					
5         lime         581         586           9         shale         586         595           11         lime         595         606           10         shale         606         616           2         lime oil         616         618         bleed           2         lime oil         618         620         good bleed										
9         shale         586         595           11         lime         595         606           10         shale         606         616           2         lime oil         616         618         bleed           2         lime oil         618         620         good bleed										
11     lime     595     606       10     shale     606     616       2     lime oil     616     618     bleed       2     lime oil     618     620     good bleed										
10     shale     606     616       2     lime oil     616     618     bleed       2     lime oil     618     620     good bleed										
2lime oil616618bleed2lime oil618620good bleed										
2 lime oil 618 620 good bleed										
2 lime oil 620 622 bleed							d			
	2	lime oi		620	622	bleed				

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2	top sand	d 622	624	ok
2	good	624	626	
2	good	626	628	
2	good	628	630	
2	good	630	632	
2	good	632	634	
2	ok	634	636	
2	ok	636	638	
4	end	638	642	
83	shale	642	725	
55	mix	725	780	