Confidentiality Requested: Yes No

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

1215382

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.xxxxx)
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. Ab	d 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 SWI	
Plug Back Conv. to GSW Conv. to Proc	
_	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:   ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East 🗌 West
Recompletion Date Reached TD 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
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1215382
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCEDUCTIONS. Chause important tang of formations panatrated	Datail all carea Bapart 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 She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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	EEZE RECORD			
Purpose:	Depth	<b>T</b> (0)					

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

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

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

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

Shots Per Foot		PERFORATION Specify Foot		RD - Bridge P Each Interval F		e		Acid, Fracture, Shot, Ce (Amount and Kind	ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	re:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHR.		Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	5.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	AS:							PRODUCTION IN	TERVAL:
Vented Solo (If vented, Sul		Jsed on Lease -18.)		Open Hole Other <i>(Specify)</i>	Perf.	Uually (Submit )	,	Commingled (Submit ACO-4)		

Con		0.017:		TICKET NUME		219
	SOLIDATED	268171		LOCATION		
	fell Services, LLC			FOREMAN	Jan M.	ader
Box 884, Chanu	TA KS 66720 FIE	LD TICKET & TRE	ATMENT REP	ORT		
-431-9210 or 8	10,100 00120	CEME	ENT		BANGE	COUNTY
DATE CL	ISTOMER # WEI	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	AA J
-14-14 6	1448 Harbiso	n KBI-26	NEG	17	20	111
TOMER	1	14	TRUCK #	DRIVER	TRUCK #	DRIVER
LING ADDRESS	Resources E	<del>4</del> 1)	730	Alahad	Safety	Med
LING ADDRESS	1.10+4		368	AIMD		
393 U	2110 45 STATE	ZIP CODE	369	MikHag		Sec.
verland	Park KS	66210	503	Ke: Car		
STYPE LION G		57/8 HOLE DE	ртн 781	CASING SIZE & V	VEIGHT 22	8
SING DEPTH		TUBING	and a first state of the second	The second second	OTHER 737	,356
URRY WEIGHT_	SLURRY VOL	WATER g	al/sk	CEMENT LEFT in	CASING VI	<u>es</u>
SPLACEMENT_	4,29 DISPLACEME	0-	200	RATE 46	in_	
MARKS: He)	& meeting	Cat. 1.	shed ra	te. Mi	red t	Dumy
Les	Followed	by IDAISK	50150 0	ement	plus a	200
of ge	12 # Pheno	seal per c	sack, C:	rculated	2 cpm	rent.
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	and the second	and the second	A.	Nor	and the second	en a colta des
ACCOUNT	QUANITY or UNITS	DESCRIPTIO	N of SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
CODE	1	PUMP CHARGE		368		1085
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1118B	109 283#		and we have a second		62.26.	
	109 283# 35#	Sel Pheno Sec	<u>al</u>		62.26.	
1118B	109 283# 35#	Sel Pheno Sea	<u>al</u>		62.26.74.25	
1118B	109 283# 35#	Sel Pheno Sea	al Material Les	5 30%	62.26.	
1118B 1107A	109 283# 35#	Sel Phend Sec	al Material Les		62.26.74.25	
1118B	109 283# 35#	Sel Pheno Sea	al Material Les	5 30%	62.26.74.25	
1118B 1107A	109 283# 35#	Sel Phend Sec	al Material Les	syb 5 30% aterial j	62.26.74.25	
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1118B 1107A	109 283# 35# 1	Sel Phend Sec	al Material Les	syb s 30% aterial j	6226 74.25 1390.01 - 417.00 - 417.00 - 417.00 - 3031.10	973. 29.3
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1118B 1107A	109 283# 35# 1 1 No company J:n DK'd	Sel Phend Sec 2 1/2 plus	al Material Les	syb s 30% aterial j	6226 74.25 1390.01 - 417.00 - 417.00 - 417.00 - 3031.10	973. 29.3

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

STARI DATE: 5/9/14 APL = 15-121-29943

EASE NAME Huchison	OPER	RATOR Urah	Oil
EASE NAME Harbison WELL # KRZ-26	OCATION.	ALIONI	
WELL # KAL - 20 SURFACE PIPE: 7" PRODUCTION: US9	Ft 21'	Cement(#bags	FT

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth 32.4
9	Soil		9	1	Coal		345
3	Line	and the second second	+ 12	21	Line		349
5	Prate		17	4	Shule		354
7	Line	and the second	24	5	Line		358
1	Shale	Sald parts and	25	4	Shale_	110	365
1	Lime	SAL SALES	26	7	Lime	KC	383
1	Shale		27	18	Shule	N DI Gui	395
16	Lime	and the street	43	12	Sund	No Oil Show	463
11	Shuke		54	68	Shale	No D'I GLAD	465
2	Line		56	Z	Sund	No Oil Show	47/
10	Shale		66	6	Shale	IL ALCI	475
15	Lime		81	4	Sand	No Oil Show	522
12	Shale	1.1.2.1.	93	47	Shale		1 523
4	Sund	No Oil Show	97	$\downarrow 1$	Lime		510
12	Shale	the parts	109	17_	Shale		537
3	Sand	No Oil Show	A 112	$\pm 2$	Line		544
63	Shale	Same the	175	2	Shale		547
18	Lime		193	3	Lime		1 570
10	Shale		203	25	Shale		576
6	Sand	No Oil Shaw	209	4	Lime		Contraction of the local division of the loc
10	Shale	- Constant of the second	219	3	Shale		579
6	Lime		225	4	Lime	and the second s	583
	Shale		236	10	Shale		593
2	Lime		238	1 3	Lime		596
23	Shale		261	12	Shale		608
10	Lime		271	9	Line		617
2	Shale		273	11	Shule		628
2	Lime	•	275	5	Line		633
15	Shale	F.	290	4	Shale		637
	Lime		300	1	Line		638
10		<u>s</u>	303	6	Shale		644
	Shale		317	17	Lime		645
10	Lime		314	6	Shale		651
	Shale		316	2	Lime		653
2	Lime Shale		323	2	Shale		655

		STAR   DATE:
EASE NAME	OPERATOR	<u>AP1 #</u>
WELL # <b>KRI-26</b> SURFACE PIPE:	LOCATION: Ft Cement(#bags)	
PRODUCTION:	PIPE: SIZE: FI	-1

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment
2	Lime		657			
5		Broken Sand No Bleed	the second se	Core Poi	pt	
and the second sec	Shale	prova sena ne mes	662.5			N
.5	Shale	Solid Little Bleed	667.5			
5	Sand		679.5			
2	Sand		687			
7.5	Sand	Solid Good Bleed	712	1		
25	Shale	11 0:1 0 ml	714	No.		
2	Sund	No Oil Show	781			
67	Shule					
New York			100			
		<u>8</u>		and the second		
		TO JOI				
	Sec.	TD 281			Cherry Mr.	
		Baffle '32.00			1	
		Waylon	-	+		
			61		+	-
	<u> </u>	One Core 662-6	82			
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