

Confidentiality Requested:

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1190171

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.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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
□ Gas □ DaA □ ENHA □ SIGW □ 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 #:	Leastion of fluid dispaced if hould offsite
ENHR     Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Soud Data or Data Data Data Data TD Completion Data an	Quarter Sec TwpS. R East West
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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	1190171
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS, Chow important tang of formations papatrated	Datail all cares Report all	final conject of drill stome taste giving interval tasted, time tool

**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 Sh	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-o	conductor, surface, inte	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 Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

		_	
Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(1
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(1
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(1

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

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

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval I		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
DISPOSITI		246.			METHOD				PRODUCTION INT	
	_	Jsed on Lease		Open Hole	Perf.	Dually	Comp.	Commingled	FRODUCTION	
(If vented, Su	bmit ACO	-18.)		Other (Specify)		(Submit /	,	(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

		-	SER	VICE POINT:	
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EQUIPMENT					· · · · · · · · · · · · · · · · · · ·
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EMIT TO P.O. BOX 31 PUISSELL KANSAS 67665	SER	VICE POINT:	
RUSSELL, KANSAS 67665		- Suss	e/1
NTE 8-7-13 SEC. 13 TWP. RANGE 15-13 15-5 18-0	CALLED OUT ON LOCATION	JOB START	JOB FINISH
	x KS. 45 5w 28	COUNTY	STATE MANSAS
ASE SACIAMELL # S LOCATION///UNJC	M. K.S. TS all as	for 181 W	11/13/4-2
	0.000.000		
ONTRACTOR AMERICAN Eagle Right Z	OWNER	·····	
DLE SIZE 7 7/8 T.D. @ 3620	CEMENT	- Aca	- Han
ASING SIZE 5 1/2 NOW DEPTH @ 3619	AMOUNT ORDERED 105	SX Adu	PUR SX
IBING SIZE 14# csg DEPTH	500 GAL WERE MO	1D-AUSH	1000
DOL LATCH DWA BAFFIGEPTHO		@20,90	alails
EAS. LINE 1200 TF MINIMUM SHOE JOINT 20'	COMMON 105 5×	_@ <i>_{20,</i> ` @	21970
EAS. LINE SHOE JOINT 20	POZMIX GEL	@ @	
RFS. 6.1	CHLORIDE		
SPLACEMENT SAM /BBL	ASC	_@	7.000 0
EQUIPMENT /	Gilsonite WFR-2 MUD Flush	_@	490.0
<u> </u>	WIN MUUCHON	@	<u></u>
JMP TRUCK CEMENTER $C_{1/2+1/N}$ $C_{1/2}$ 4/7 HELPER $W_{00}D_{1/2}$ $O_{1/2}$		@	
$\frac{4/7}{\text{JLK TRUCK}} \xrightarrow{\text{WooDy O}}$		_@	
378 DRIVER ROBERT V.		@ @	
JLK TRUCK		@	
DRIVER	HANDLING 108,33	@ 2.48	268, 0
	MILEAGE 70, 49	(02,60	103, 2
REMARKS:		TOTAL	3840-
44 87 New JOINTS OF 14# 5'2 CS9.	cenu		
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OT 10 3619, RECIEVED CIRCULATIO	DEPTH OF JOB		
G. REMATE On Bottomy FOR V2-HK G. REMATE On Bottomy FOR V2-HK CONTE MUD FHISH, 4 COMENT W/ 75 SXASC YELZ - L. N.C. Release LATCH DOWN PING	<ul> <li>DEPTH OF JOB</li> <li>PUMP TRUCK CHARGE</li> </ul>	ICE	2558,
CALLATION Recieved CIRCULATION G. REMATE ON BOTTOMY FOR V2-HA CONTRACT OF BOTTOMY FOR V2-HA CONTRACT OF TO STATCH MADE AND RELEASE LATCH DOWN PING D'S OLUGE AND REL H2° LAND	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE	ICE @	JS58,
G. REMATE On Bottomy FOR V2-HK G. REMATE On Bottomy FOR V2-HK CONTE MUD FHISH, 4 COMENT W/ 75 SXASC YELZ - L. N.C. Release LATCH DOWN PING	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE	ICE	2558,
G. REMATE ON BOTTOMY FOR YO. HA G. REMATE ON BOTTOMY FOR YO. HA CONTRACT ON BOTTOMY FOR YO. HA CONTRACT ON TO STASS THE -L. NO RELEASE LATCH DOWN PING D'S OLUGE BY TREL HO? LAND	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE	ICE @@ @ @ @	255B,
OT @ 3619 Recivered Circulation G. ACMATE ON BOTTOMY FOR 12 HA MODERSH, 4 COMENT of 15 St ASC Hard DOD FUSH, 4 COMENT of 15 St ASC Hard - L. N.C. Release LATCH Down Plug Displace 27%/RBL Ha? LAND Plug @ 1200 HF, (Herd) when Released DSX@ Bathale THANKS	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD	ICE @ @ @	2558, 109, 6 61, 60
OT @ 3619 Reciver Circulation G. Remate on Bottomy FOR 12 HA Contemport of 15 St ASC Verz - L. N. Return LATCH Down Purg Displace 27%/RBL Ha? LAND Plug @ 1200 AF, (Her) When Returned OSXO Rathale THANKS	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD H v mt	ICE @ @ @ @ ~ @ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	107.6
ARGE TO: Dil Company OF AMERica	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ @ ~ @ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	2558, 107, 6 61, 60 2728.
ARGE TO: Oil Company OF AMERica	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ 7, 70 @ 4, 43 TOTAL	107, 6 61, 60 2728.
A G. REINATE ON BOTTOMY FOR V2 HA G. REINATE ON BOTTOMY FOR V2 HA MORE MODEFINISH, 4 COMENT OF 75 SYASE MODE AND FUSH, 4 COMENT OF 75 SYASE MODE ON A RELEASE LATCH DOWN PLUG D'S DIVER ON AREL H2° LAND PLUG & VIOD HF, (HOD) WHIN RELEASED HARGE TO: OIL COMPANY OF AMERICA TREET	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD H v mt	ICE @ @ @ 7, 70 @ 4, 43 TOTAL	107, 6 61, 60 2728.
HARGE TO: Dil Company OF Araphica	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ @ 7, 70 @ 7, 70 @ 7, 70 @ 7, 70 TOTAL	<u>107. 6</u> 61. 6a . <u>2728.'</u> YT
ARGE TO: Oil Company OF AMERica	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ @ 7, 70 @ 7, 70 @ 7, 70 @ 7, 70 TOTAL TOTAL AT EQUIPMEN @ @	<u>107. 6</u> 61. 6a . <u>2728.'</u> YT
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ARGE TO: Oil Company OF Arabkica TYSTATE TYSTATE TYSTATE TYSTATE FRAT-HUY!	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ @ 7, 70 @ 7, 70 @ 7, 70 TOTAL TOTAL AT EQUIPMEN @ @ @ @ @ @ @ 	<u>107. 6</u> 61. 6a . <u>2728.'</u> YT
A CALL ATC ON BOTTOM RECEIVED CIRCULATION G. REMATE ON BOTTOM FOR 12 HA CALL MO FINSH, 4 COMPANY FOR 12 HA Neve - L. N. C. Retease LATCH Down Plug Displace ENG/RBL H2 <sup>O</sup> LAND Plug & 1200 - F, (HOD) When Released NOSXO Rathde HARGE TO: OIL COMPANY OF APARRICA TREET ITY STATE ZIP FOAT - HUD! TO: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ @ 7, 70 @ 7, 70 @ 4, 40 TOTAL TOTAL AT EQUIPMEN @ @ @ @ @ @ @ @ 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>107.6</u> 61.6 <u>2728.'</u> VT <u>339.3</u> <u>398.7</u> 173.6
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No T a 36 19 Recitive C Real And G. Remare on Bottomy For 12 Ha Cane More First, a Conserved 15 Stars Nove - L. N. C. Return LATCH Down Play Displace BM /RBL H2 LAND Plag & Job AF, (Have) when Release OSXOC Bathle THANGS TREET STATE ZIP F(AT - Hav) o: Allied Oil & Gas Services, LLC. ou are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or ontractor to do work as is listed. The above work was one to satisfaction and supervision of owner agent or	DEPTH OF JOB DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD HUMT LYME Trc.	ICE @ @ @ @ 7,70 @ 7,70 G 7,70 TOTAL TOTAL TOTAL AT EQUIPMEN @ # 0 \$ 7,70 @ \$ 7,70 @ \$ 7,70 @ \$ 7,70 @ \$ 7,70 @ \$ 7,70 \$ 70 \$ 70	<u>107.6</u> 61.6 <u>2728.'</u> VT <u>339.3</u> <u>398.7</u> 173.6
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No T $@ 3619$ , Reciver Circal And G. Remare on Bottomy For 12 Ha Land Mon FMSH, 4 Conserved 75 StASC News - Line Release LATCH Down Play Displace Eng / RBL H2 LAND Plage Eng / RBL H2 LAND Plage Eng / RBL H2 LAND Plage Constants (SSX Hathde HARGE TO: Oil Company OF America THEET TTY STATE ZIP FAH - Hay ! o: Allied Oil & Gas Services, LLC. ou are hereby requested to rent cementing equipment nd furnish cementer and helper(s) to assist owner or ontractor to do work as is listed. The above work was one to satisfaction and supervision of owner agent or ontractor. I have read and understand the "GENERAL	$\begin{array}{c} & & & & & \\ & & & & & \\ & & & & \\ & & &$	ICE	107. 6 61. 6 2728. <sup>1</sup> 7 339.3 398.7 173. 6 159. 9
A CALL ATC ON BOTTONS" listed on the reverse side.	$1 - F \log \pi F \log F \log$	ICE @ @ @ @	107. 6 61. 6 2728. <sup>1</sup> XT 339.3 113. 6 159. 9 159. 9
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