Сс	onfiden	tiality	y Requested:
	Yes		lo

Original Comp. Date: \_

Deepening

Plug Back

Commingled

SWD

EOR GSW

Spud Date or

**Recompletion Date** 

**Dual Completion** 

Re-perf.

Liner

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

1366932

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

\_\_ Feet

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
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:, (e.gxxx.xxxx) (e.gxxx.xxxxx)
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name: Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	
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

#### **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

\_\_ Original Total Depth: \_

Permit #: \_\_\_\_\_ Permit #: \_\_\_\_\_

Conv. to SWD

Completion Date or

**Recompletion Date** 

Conv. to Producer

Conv. to EOR

Permit #: \_\_\_

Permit #: \_\_\_

Date Reached TD

Permit #: \_\_\_\_

Conv. to GSW

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:

	Page Two	1366932
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East West	County:	
INSTRUCTIONS: Show important tops of formations panetrated	etail all cores Benort all final	opies of drill stems tests giving interval tested, 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 tional Sheets)		Yes No		Log	Formatio	n (Top), Dep	th and Datum	Sample
Samples Sent to	Geological Sur	vey	Yes No	Ν	lame			Тор	Datum
Cores Taken Electric Log Run Geolgist Report	/ Mud Logs		Yes No Yes No Yes No						
List All E. Logs F	łun:								
		F	CASING Report all strings set-	RECORD		Used ate, producti	on, etc.		
Purpose of St		e Hole rilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	I	I	ADDITIONAL	L CEMENTING /	SQUEEZE	RECORD	1	I	1
Purpose: Perforate		Depth Bottom	Type of Cement	# Sacks Used	Ł		Туре а	and Percent Additives	
Protect Ca	TD								
Plug Off Z	one								
	e of the total base	fluid of the hydraul	his well? lic fracturing treatmer Ibmitted to the chemi		-	Yes Yes	No (If N	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Date of first Produ Injection:	iction/Injection or F	Resumed Productio	n/ Producing Met	hod:	Gas Li	ft 🗌 O	ther <i>(Explain)</i> _		
Estimated Produc Per 24 Hours		Oil Bbls.	Gas	Mcf	Water	Bt	ols.	Gas-Oil Ratio	Gravity
DISPO	OSITION OF GAS	:		METHOD OF COM	IPLETION:				ON INTERVAL:
Vented	Sold Use	d on Lease	Open Hole		ually Comp		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	)		(St	ıbmit ACO-5	5) (Subr	nit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At		Acid,	Fracture, Shot (Amount and	, Cementing Squeeze I Kind of Material Used)	Record

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Larson Engineering, Inc. dba Larson Operating Company
Well Name	HINEMAN 1 OWWO
Doc ID	1366932

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	247	common	175	2% gel, 3% CC
Production	7.875	4.5	11.6	4643	EA-2	150	7#/sk gilsonite, 1/4#/sk flocele

JOBLC	G					SWIF	T Seri		ATE 7-19-17	PAGE NO.
CUSTOM	R ENEZN	EERTAG	WELL NO.	งเมเ	<b>`</b>	LEASE	JEMAN	JOB TYPE T	ICKET NO. 30334	
CHART NO.	TIME	Rate (BPM)	VOLUME BBL CAL		MPS C		JRE (PSI) CASING	DESCRIPTION OF OPERATION		
	1330							ON LOCATEON - RUNN	ING CASIN	G
·······								TD-4647'	SET e 4644	
									41/2=11.6	
								55-43'		
								PORT COURR - 2101		
	1530	<u>.</u>	· · · · · ·					DROP BALL- CORWATE		ROTATE
	1635	6	ার		~		4∞	PUMP 15 BBIS KCL FLUST	4	
	1638	6	12		~		400	PUMP SOD GAL FLOCHECK.	-21	
	1640	Ь	5		~		400	PUMP 5 BBIS KCL FLUSH		
	1645		7-5					PLUG RH (305KS) MH(	20 <i>s</i> ks)	
	1655	ч	36		1		200	Max Cement - 150 sks	EA-2 ~ 15	4 PPG
	1705					••••••••••••••••••••••••••••••••••••••		WASH OUT PUMP - LOUES		
	1705							RELEASE LATCH DOWN AN		
	סורו	Ь	0		~			DESPLACE PLUG		
		Ь	ы				500	SHUT OFF ROTATING		
	1722	ร	71.4				1500	PLUG DOWN - PSE UP (3	ATCH IN RU	6
	1725	- <u></u> .			i		OK	RELEASE ASZ - HELD		
								WASH TRUCK		
	1800					 		JOB COMPLETE	·····	
								THANK	You	
								WAINE, FIEN	r Ousty	

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SW			ox 466			TICKET CONTINUATION					No. 303	33.4	L-	
Service			( KS 675 5-798-23			CLIGTOMER LARSON EVETNEEDTNG	HINSA	AN	#10v	JWO	DATE ク~19・1	7	PAGE OF	2
PRICE	SECONDARY REFERENCE/ PART NUMBER	LOC		G ĐF	TIME	DESCRIPTION	i atr		QTY	U/M	UNIT PRICE		AMOUNT	
<u>325</u>		1				STANDARD CEMEDT	200	SKS		 }	בו	25	2450	00
276		1				FLOCELE	25	USS.		, 	2	25		25
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283		١				SALT	1000	UBS.		 		20	200	00
		١				CALSEAL	9	SKS	900	ues	30	$\infty$	270	00
		1				CFR-1	100	uss		ļ	4	50	450	00
286		1				HALSS-1	100	<u>uss</u>		 {	8	00	800	00
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<u></u> \$83		$\mathbf{D}$	J			MILEAGE TOTAL WEIGHT LOADED MILES	TON MILES		390	.69	<u> </u>	75	293	102

<u> 5995.27</u> CONTINUATION TOTAL 

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Seri	vices, Inc.		CITY, STATE, 2		DE							PA	GE 1	0 <sup>F</sup> 2	
SERVICE LOCATIONS	···	suns			ENEMAN		STATE K					ATE ク-19-1	7 OW	ier SAME	
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	Customer hereby acknowle							RVEY			DIS-	PAGE TOT			<u>∤</u>
	litions on the reverse side h				REMIT PAY	MENT TO:	OUR EQUIPME WITHOUT BRE	KDOWN?					۹,	3175	00
LIMITED WARRA	to, PAYMENT, RELEASE	, INDEM	NITY, and				WE UNDERSTO MET YOUR NEI	DS?							
MUST BE SIGNED BY CU	STOMER OR CUSTOMER'S AGENT	PRIOR TO		-	SWIFT SERV			THOUT DELAY					<u>*2</u>	5995	27
START OF WORK OR DEL	LIVERY OF GOODS				P.O. BC		WE OPERATED AND PERFORM CALCULATION	THE EQUIPMEN ED JOB				102015C	W	- <u>917</u> 8253	54
X DATE SIGNED	TIME SIGNED		8-**		NESS CITY,	KS 67560	SATISFACTOR	LY? FIED WITH OUF			L	Lane lo.			178
- 7-18-	1713:	30	<b>12</b> P.M.	$\frac{1}{2}$	785-79	8-2300		ISTOMER DID N	OT WISH			TOTAL		8736	12
	CUSTO	DMER ACC	EPTANCE C	F MA	TERIALS AND SERVICES	The customer hereby acknow					his licket			0 ISU	00~
	JAWE WILSON	)	APP	ROVA	L								(	Thank I	lou!

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\_\_\_\_\_

Thank You!								W&I	
		ecerpt of the materials and services listed on this ticket.	d services lis	he materials and		CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges a	CEPTANCE OF MAT		SWIFT OPERATOR
1 0100		SPOND	' WISH TO RE	CUSTOMER DID NOT WISH TO RESPOND			<u>56.51</u>		
	TOTAL	5				785-798-2300		TIME SIGNED	DATE SIGNED
285-68	1.500			ERATED THE EQUIPMENT LATORLY? "ACTORLY?	WE OPERATED T AND PERFORMEL CALCULATIONS SATISFACTORILY	P.O. BOX 466 NESS CITY. KS 67560		START OF WORK DR OF KORDS	START OF WORK DR OF WORK
5731 39	2020			AS HOUT DELAY?	MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.		Provisions.	LIMITED WARRANTY provisions
69	PAGE		AGREE	AENT PERFORMED	SURVEY	REMIT PAYMENT TO:	nd agrees to hich include,	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to PAYMENT RELEASE INDEMNITY and	LEGAL TERMS: Custo the terms and conditions but are not limited to P
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								INVOICE INSTRUCTIONS	REFERRAL LUCATION
	WELL LOCATION		NO		collar 42"	A	Duc	Bil	<b>.</b>
	IDER NO.	ĺ	uation	DELIVERED TON	SHIPPED	FRITZLER			<u>5</u> 3 <u>r</u>
OWNER	26 Jul 17	DATE	illon		STATE	Hine Man countyparish LANC	LEASE	- BUDD	SERVICE LOCATIONS LAY KS
	PAGE			<u> </u>		ŬE	CITY, STATE, ZIP CODE	es, Inc.	Services,
тт 30564	TICKET			I, <u>_</u> J		have Cing neering	CHARGE TO: ADDRESS	IFT	SW

• DATE PAGE NO. SWIFT Services. Inc. 26 Jul 17 JOB LOG JOB TYPE CEMENT POST COLOR TICKET NO. 30 SE DESCRIPTION OF OPERATION AND MATERIALS CUSTOMER WELL NO. Henen ARDON Engineering #1 30564 OWWD CHART NO. RATE (8PM) VOLUME (BBL) (GAL) PUMPS PRESSURE (PSI) TIME TC TUBING CASING 3005k SINDcement w/# flocole 23/8×42 postcollar - 2098' on be the 114 1300 lest to 1000 psi - held 1324 1000 1000 open portcollar 1348 inj rate 32 bpm@300ps; mix SMD @mout @ 11.2 ppg circ fluid to surface -31 3 1350 200 3之 300 1333 ろき 21 300 · cement to surface 4 2505k 024004 32 134 500 3ź Ð 7 Disolo 0- W dose part collar hed 1443 ter to 100 bi RUN chinos was -Reverse hole clean 1455 25 - 2 count flags wash Louck RACK up 1510 job couplet 1540 1540 aine, Hint & SQUATCH