Kansas Corporation Commission Oil & Gas Conservation Division

PIGINA Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #8914	API No. 15
Name: H & C Oil Operating, Inc.	Spot Description:
Address 1: P.O. Box 86	NW_SE_SE_SE Sec. 4 Twp. 6 S. R. 24 ☐ East West
Address 2:	500 Feet from North / South Line of Section
City: Plainville State: KS Zip: 67663 +	500 Feet from ✓ East / West Line of Section
Contact Person: Charles R. Ramsay	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 434-7434	□ NE □ NW □ SE □ SW
CONTRACTOR: License #_ 33493	County: Graham
Name: American Eagle Drilling, LLC	Lease Name: Jamison Well #. 4-1
Wellsite Geologist: Marc Downing	Field Name: Wildcat
Purchaser: Coffeyville Resources	Producing Formation: LKC
	Elevation: Ground: 2494 Kelly Bushing: 2499
Designate Type of Completion:	Total Depth: 3900 Plug Back Total Depth: 3876
✓ New Well Re-Entry Workover	
☑ oil ☐ wsw ☐ swb ☐ slow	Amount of Surface Pipe Set and Cemented at: 274 Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
☐ OG · · ☐ GSW ☐ Temp. Abd.	If yes, show depth set: 2064 Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 750
Cathodic Other (Core, Expl., etc.):	feet depth to: surface w/ 1010 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content:ppm Fluid volume:bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used:
Conv. to GSW	Location of fluid disposal if hauled offsite:
Plug Back: Plug Back Total Depth	Location of fluid disposal if fladied offsite.
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East West
GSW Permit#:	County: Permit #:
1/22/10 1/30/10 4-8-10	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information equested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST form with all temporarily abandoned wells.
Name of the second seco	
AFFIDAVIT I am the affiant and I hereby certify that all requirements of the statutes, rules and	KCC Office Use ONLY

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.

KCC Office Use ONLY		
Date: 7 22 10 - 7/22 12	REC	EIVED
Confidential Release Date: Wireline Log Received	JUL 2	6 2010
☐ Geologist Report Received ☐ UIC Distribution ALT ☐ I	KCC W	ICHIT/

Operator Name: H & C Oil Operating, Inc.				Lease	Name: _	Jamison		Well #:4-	·1	······
Sec. 4 Twp.6	s. R. <u>24</u>	East	✓ West	Count	y: <u>Grah</u>	am			·	
INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.										
Drill Stem Tests Taken (Attach Additional S		√ Y	es No		V.	og Forma	ion (Top), Dep	th and Datum		Sample
Samples Sent to Geol	logical Survey	⊘ Y	es ∐No		Name Top Anhydrite			Top 2127		Datum 372
Cores Taken Electric Log Run		□ Y ☑ Y			Base Anhydrite			2160		339
Electric Log Submitter	•	ΖY			Topek			3428 3629		
List All E. Logs Run:	,				Toron			3654		1130 1155
Borehole compensated po					LKC			3670		1171
		· · · · · · · · · · · · · · · · · · ·	CASING	RECORD	BKC	ew Used		3856	- '	1357
-	Size Hole	· · · · · · · · · · · · · · · · · · ·	ort all strings set-c	T			ction, etc.	# Sacks	Tona	and Percent
Purpose of String	Drilled		t (in O.D.)	Lbs.		Depth	Cemen			Additives
surface	12 1/4"	8 5/8"	*	23#	·.	262	60/40	180		C, 2%GEL
production	7 7/8"	5 1/2"	·	14#		3897	common	210	10%s	alt, 2%gel
			ADDITIONAL	CEMENTI	ING / SQL	JEEZE RECOR	D			
Purpose:	Depth Top Bottom	Туре	of Cement		# Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD	1650-1651	60/40 F	osmix	780	780 60/40 Posmix, 4%gel, 1/4# floseal, 3%c.c.			Э.		
Plug Off Zone	750-751	60/40 Posmix		230		60/40 Posmix, 4%gel, 1/4# floseal, 3%c.c.		D		
Shots Per Foot			RD - Bridge Plug Each Interval Perf		i		racture, Shot, Ce (Amount and Kind	ment Squeeze Reco	ord	Depth
4 SPF	3784-3787					1300 Gal N	NE FE			3787
1 SPF	1 SPF 1650 squeeze 780 sacks 60/40									
1 SPF			squeeze 2	30 sacks 60/4	10					
									·	
TUBING RECORD: Size: Set At: Packer At: Liner Run: 2 3/8" 3871 Yes ✓ No										
Date of First, Resumed Production, SWD or ENHR. Producing Method:										
4/9/10							Gravity			
Vented Sold	DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: PRODUCTION INTERVAL: 3784-3787 (Submit ACO-4) Other (Specify)									

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

RECEIVED

JUL 26 2010

REMITTO P.O. B RUSS		NSAS 670	565		SER	VICE POINT:	Russell
	T						1455011
DATE /- 30-10	SEC.	TWP.	RANGE 24	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE MI'SON	WELL#	<i>11-1</i>	LOCATION HAY	/ 12 "	21'12	COUNTY	STATE
OLD OR NEW (Ci		7./		C'TV 12v"		Fraham	KS
				2 Winto			
CONTRACTOR	Imenica	in Facili		OWNER			
TYPE OF JOB	oducto	1 STAN	4	OWITER		· · · · · · · · · · · · · · · · · · ·	
HOLE SIZE フッ	18	T.Í.). 	CEMENT			
CASING SIZE 5	1/2	DE	PTH		RDERED	Por 1001	. Cal-
TUBING SIZE			PTH		Dogal WFRE	2000	10 601
DRILL PIPE		DE				-	C CVC
TOOL Fort Colla				_	-		
PRES. MAX			NIMUM	_ COMMON_	210	@ <u>/-2,5°</u>	2835100
MEAS. LINE		SH	OE JOINT 22.02	POZMIX		_@	
CEMENT LEFT IN	CSG. 2	22.02			4	@ 20,25	- 51,00
PERFS. DISPLACEMENT	01/	1- > :		_ CHLORIDE		_ @	
DISPLACEMENT	•	12 5 (_ ASC	_	_@	
	EQU	JIPMENT		Salt		@ <u>2125</u>	
****				WER-2	500	_@ <u>///•</u>	550,00
PUMPTRUCK (CEMENT	ER	rais 1	_		_ @	
# 398 I	HELPER	Glenn	(بــ			_@	
BULK TRUCK						_@	
# 378 r	DRIVER	Alvin					
BULK TRUCK					······································	_@	
#	DRIVER			- HANDLING	210	_@	472.50
				MILEAGE A	10/sk/mile	_ @ <u>@ 1# }</u>	945,00
	RÉI	MARKS:			1-11-11		
5/2 sete				l		TOTAL	5074,75
Inserset	$\frac{384}{29}$	21/00		-			
Particle 305	(- S	77.78	UEX. 2.5 TEVT	_	SERVI	CE	
Coment Day	A Cicio	congai u	- lines Dsplace	of Depart of the	0.0		
Plus lander	1500 0	S. Peles	se foresone by	20G. DEPTH OF JO	N CHARGE		4
7	1	A SELLE	Jan Cy	EXTRA FOO	K CHARGE		1159.00
				MILEAGE		@	315:00
				- MANIFOLD		_@ <u></u>	3/), 93
				- MANIFOLD.			
			thanks:			_ @	
CHARGE TO:	NEC	, –					
	_					7262724.1	1474,00
STREET				-		TOTAL	1117103
CITY	ST/	ATE	ZIP				
					PLUG & FLOAT	EQUIPMEN'	Γ
				<u> </u>			
				AFU F	lour 5 hoe	@	309.00
				Por Coll	lar	@	1750.00
To Allied Cementing	ng Co., L	LC.			CTS	@ 161, w	322. 0.
You are hereby req	uested to	rent cen	nenting equipment		alizers	@ 46.00	36 F. O.
and furnish cement	ter and he	elper(s) to	assist owner or	Loutch de	wn Assembly	@	238.00
contractor to do wo	ork as is l	listed. Tl	ne above work was		, -		
done to satisfaction	and sup	ervision of	of owner agent or			TOTAL	2987.00
contractor. I have	read and	understar	nd the "GENERAL	1			
			on the reverse side.	SALES TAX (If Any)		_
				TOTAL CHAR	OFS CON		
OD INTERIOR STANKE	01	11					
PRINTED NAME	1.515	wagg	ovor	DISCOUNT _		IF PAID	IN 30 DAYS
		•					
SIGNATURE	d hi	36-					
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REMIT'TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT: Resell

JOB FINISH

DATE 1-22-10	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATIO		JOB FINISH
Jamison						COUNTY '	STATE
LEASE	WELL#	4-1	LOCATION HILL C.				KS
OLD OR NEW (Ci	ircle one)		INorth IW	est North&	West into Riv	3	
CONTRACTOR	An 200	an Faal	- Rio #3	OWNER			
TYPE OF JOB S	urface	un cagi	<u> </u>	O 1, 11121C		_	
HOLE SIZE 12	14	T.D	277'	CEMENT	18	30	
CASING SIZE 8			тн 277′	AMOUNT (ORDERED 🏥	9 4940 3%E	=21. Gel
TUBING SIZE		DEI	TH				
DRILL PIPE	/	DEI	ΥH	. 4	·		
TOOL			PTH	i	/ . G-	40.	
PRES. MAX			NIMUM	.1	108		1458.00
MEAS. LINE			DE JOINT	POZMIX	> <u>></u> 3	@ <i>2,55</i>	543,60
CEMENT LEFT II	N CSG.	15		_ GEL	·	@ 20,25	
PERFS.			£	_ CHLORIDE	·		309,00
DISPLACEMENT		6.68 Bb		_ ASC			
	EQU	JIPMENT					
	.,					0	
PUMP TRUCK			n Roberts			0	
# 181	HELPER	Galen					
BULK TRUCK		_		SANGE VALUE OF THE PROPERTY OF		@	
# 410	DRIVER	_Ron_				@	
BULK TRUCK						@	
#	DRIVER			- HANDLING		@ 2,25	202,50
				MILEAGE	10/skfmile		405,00
	RE	MARKS:			•	TOTAL	2978,85
Est. Cir	culation	sn		_	SEI	RVICE	
0031 - 1520	ok O.			DEBTH OF	JOB		
	s/c_ce	ment		DEFINOR PHMPTRI	JCK CHARGE _		991.00
Displace	1 11	1.2 13	161 HO	EXTRA FO	OTAGE	@	7 777 00
- copince	W/	**********************	01	MILEAGE	45	@ 7,00	315,00
Cement	Did	Circu	late		D		
			."				
			Thank You	,		@	
CHARGE TO:	HACC	1:1					
CHARGE TO.	/ T C _ C	, i ·	· · · · · · · · · · · · · · · · · · ·			TOTAI	1306,00
STREET				_			
CITY	ST	TATE	ZIP	,	-		
C.1.					PLUG & FL	OAT EQUIPME	NT
						@	
ì						@	
To Allied Cemer	nting Co.,	LLC.		and the same of th		@	
			menting equipment			@	
			to assist owner or			@	
			he above work was	T.			
			of owner agent or			TOTAL	L
			and the "GENERAL				
			d on the reverse sid		X (If Any)		
7				TOTAL CH	IARGES_	3330	
/ 	_						115 INT 20 15 AVC
PRINTED NAME	¹	·		DISCOUN		IF PA	ID IN 30 DAYS
	-11 A	On.					
SIGNATURE 1	Odd E.	Mem					<i>~</i>

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 125011 SEC. TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH DATE 7/6/0 1230 1. Ocasm STATE LOCATION **LEASE** -OLD OR NEW (Circle one) CONTRACTOR CA **OWNER** TYPE OF JOB **CEMENT** HOLE SIZE AMOUNT ORDERED 350/11 1 WATER CASING SIZE DEPTH TUBING SIZE **DEPTH** DEPTH DEPTH 20/4 TOOL Pri Colle PRES. MAX MINIMUM COMMON_ MEAS. LINE 1500 SHOE JOINT POZMIX CEMENT LEFT IN CSG. GEL PERFS. CHLORIDE DISPLACEMENT ASC_ **EQUIPMENT** CEMENTER4 **PUMP TRUCK** @ 278 HELPER 📆 @ **BULK TRUCK (**a) DRIVER (a) **BULK TRUCK** @ DRIVER HANDLING. @ MILEAGE **REMARKS:** TOTAL **SERVICE** + 200,000 160 Bb/ 14. un. M. xed 3508K to DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE _ MANIFOLD _ CHARGE TO: ______ TOTAL ____ STREET _____ _____STATE _____ZIP_ PLUG & FLOAT EQUIPMENT To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was TOTAL _____ done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES ____ PRINTED NAME ___ DISCOUNT ______ IF PAID IN 30 DAYS

SIGNATURE

REMIT TO P.O. BOX 31 SERVICE POINT; RUSSELL, KANSAS 67665 TWP. SEC. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH COUNTY STATE LOCATION OLD OR NEW (Circle one) CONTRACTOR / / **OWNER** TYPE OF JOB 5 **HOLE SIZE CEMENT** T.D. CASING SIZE S DEPTH AMOUNT ORDERED _ 55.7 TUBING SIZE 147 DEPTH DRILL PIPE DEPTH TOOL . DEPTH PRES. MAX **MINIMUM** COMMON_ MEAS. LINE **SHOE JOINT** POZMIX CEMENT LEFT IN CSG. GEL PERFS. CHLORIDE DISPLACEMENT @ **EQUIPMENT** @ **(a)** @ **PUMPTRUCK** CEMENTER < @ # 533 HELPER + @ **BULK TRUCK** @ 4.3 DRIVER @ **BULK TRUCK** DRIVER HANDLING MILEAGE. **REMARKS:** TOTAL . and the second **SERVICE** DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE ____ MILEAGE MANIFOLD_ @ CHARGE TO: TOTAL __ STREET ___ CITY_____STATE ____ZIP_ PLUG & FLOAT EQUIPMENT To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TOTAL ____ contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES _____ PRINTED NAME_ DISCOUNT _ IF PAID IN 30 DAYS

SIGNATURE

REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH COUNTY 12 35pm. STATE 4 LEASE Sameson WELL# 4 KS OLD OR NEW (Circle one) CONTRACTOR **OWNER** TYPE OF JOB Spice CE HOLE SIZE 7/8 T.D. **CEMENT** CASING SIZE DEPTH AMOUNT ORDERED 1055Kcom 30/200 TUBING SIZE 13/2 DEPTH DRILL PIPE DEPTH TOOL Dans racker DEPTH PRES. MAX MINIMUM COMMON MEAS. LINE SHOE JOINT **POZMIX** CEMENT LEFT IN CSG **GEL** PERFS. CHLORIDE ___@ DISPLACEMENT __@ @ **EQUIPMENT** @ @ **PUMP TRUCK** CEMENTER 3 HELPER **BULK TRUCK** 410 DRIVER A **BULK TRUCK** @ DRIVER HANDLING @ MILEAGE. **REMARKS:** TOTAL _ 12 51 10 1210 X MY 400 1185K V **SERVICE** DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE_ MANIFOLD. Thomas CHARGE TO: ______ TOTAL ___ CITY_____STATE ____ZIP__ PLUG & FLOAT EQUIPMENT @ To Allied Cementing Co., LLC. **@** You are hereby requested to rent cementing equipment @ and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TOTAL ____ contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES ____

PRINTED NAME ___

SIGNATURE $\frac{1}{2} \frac{1}{2} \frac{$

RECEIVED
JUL 2 6 2010
KCC WICHITA

DISCOUNT ______ IF PAID IN 30 DAYS

REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** 3600 SEC. TWP. RANGE CALLED OUT ON LOCATION JOB FINISH JOB START DATE STATE COUNTY LEASE TON WELL# 4/ LOCATION OLD OR NEW (Circle one) CONTRACTOR OWNER TYPE OF JOB COL **HOLE SIZE CEMENT** T.D. CASING SIZE -57/ DEPTH TUBING SIZE 2 DEPTH COS DRILL PIPE DEPTH TOOL) ...s DEPTH PRES. MAX **MINIMUM** COMMON_ MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG **GEL** PERFS. S **CHLORIDE** DISPLACEMENT EQUIPMENT **PUMP TRUCK** CEMENTER _ *رائي*ر____ HELPER @ **BULK TRUCK** @ DRIVER , @ **BULK TRUCK** @ DRIVER HANDLING MILEAGE REMARKS: TOTAL SERVICE DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE @ MILEAGE MANIFOLD. @ TOTAL ___ STREET _ CITY_____STATE __ _ZIP_ PLUG & FLOAT EQUIPMENT To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment @. and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TOTAL ____ contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES _____ PRINTED NAME _____ _____ IF PAID IN 30 DAYS DISCOUNT ___ SIGNATURE _____

H & C Oil Operating, Inc. P.O. Box 86 Plainville, KS 67663 785-434-7434

July 22, 2010

Kansas Corporation Commission Conservation Division 130 S. Market-Room 2078 Wichita, KS 67202

RE: Jamison 4-1 Sec. 4-6S-24W Graham County, KS

Dear Sir/Ms.

In accordance with KCC rules, please keep the enclosed information confidential for one year.

Thank you for your cooperation.

Sincerely,

Charles R. Ramsay

President

H & C Oil Operating, Inc.

Deanna Garrison

From: Linda Rohr

Sent: Wednesday, July 28, 2010 4:22 PM

To: Deanna Garrison

Cc: Case Morris

Subject: RE: Long string

Hello Deanna,

According to the records I have, the Alternate II date is **07/21/2010**. A worksheet submitted by Pat B. states that on 07/16/2010 160 bbls of drilling mud were pumped in followed by 350 sks cement. NEVER GOT CIRC. On 07/19/2010 operator perforated at 1650'. Pumped 80 bbls. of drilling mud, followed by 350 sks. 60/40 pox 4% gel. NEVER GOT CIRC. Allied ticket #41805. On 07/21 2010 perforated at 750'. CIRCULATED w/130 sks 60/40 pox 4% gel 3% cc. Allied ticket #41809.

Hope that this clears it up for you. Linda

P. S. Spud date was 01/22/2010

Ran pipe - 01/29/2010

Case talked to Charlie Ramsey on 06/01/2010; "will file for extension if they need more than 2 weeks for Alt il"

----Original Message-----**From:** Deanna Garrison

Sent: Wednesday, July 28, 2010 2:43 PM

To: Linda Rohr Subject: Long string

Hi Linda,

Can you double check the Long string date on the following well? I just received an aco-1 says it was completed 3 months before the long string was called in.

API# 15-065-23609-00-00 LEASE NAME: JAMISON 4-1 LOCATION: 4-6-24W GRAHAM COUNTY

THANK YOU!

Deanna Garrison,
Research Analyst
Kansas Corporation Commission
Conservation Division
130 S. Market, room 2078
Wichita, Kansas 67202-3802
316-337-6209 - Fax - 316-337-6211
d.garrison@kcc.ks.gov.