

Confidentiality Requested:

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

1093035

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 North / 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:				
	Elevation: Ground: Kelly Bushing:				
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:				
OG GSW Temp. Abd.     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 #:					
	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 TwpS. R East West				
Recompletion Date or Date Reached TD Completion Date or 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 Approved by: Date:						

	Page Two	1093035
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRINCTIONS. Changing particulations of formations parastrated	atail all carea Bapart a	Il 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 Sho	eets)	Yes No		og Formatio	n (Top), Depth an	(Top), Depth and Datum	
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, 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
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)

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				A		ement Squeeze Record d of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Ru	un:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	<b>}</b> .	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									T	
DISPOSITI	ON OF (	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Solo	d 🗌	Used on Lease		Open Hole	Perf.		Comp.	Commingled		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)		(Submit )		(Submit ACO-4)		

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



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Sam Brownback, Governor

September 10, 2012

P. J. Buck Kansas Energy Company, L.L.C. BOX 68 SEDAN, KS 67361-0068

Re: ACO1 API 15-019-27184-00-00 Carter 16-5 NE/4 Sec.16-34S-12E Chautauqua County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, P. J. Buck

STAI	ELMORE'S INC. Box 87 - 776 HW/Y99 Sedan, KS 67361 Cell: (620) 249-2519 Eve: (620) 725-5538	<b>•</b>	8-2°	1013 	
	nor <u>TBD</u>		Cart	e <u>r</u> l	6-5
Addres City		State	Zip		
City.	Description		Price	Amou	unt
20	SKS Cement		10,00	200,	00
11/2	1 - Convent Premp		110,00	165.	00
11/2	Water Truck		85,00	127.	50
			R.	492.	50
-			Tax	40,	water al an an al an an an
		•	B	533	38
	Windows	,			
	Converted 85/8 Surf				
	Casing 55' To Surfa				
	MI, EL DEL SICS (EM	end			
-					
	Thank You - We appreciate				

Rec'd. by\_\_\_\_

TERMAS: Account due upon receipt of services. A 11/216 Service Charge, which is an annual percentage rate of 1816 will be charged to accounts after 30 days.

	Oil Well Services, LLC Consolidated Oil V Dept P.O. Bo		<b>IIT TO</b> Well Services, LLC 5 970 5 4346 77210-4346	Chan 620/431-9210 • 1-	MAIN OFFICE P.O. Box 884 oute, KS 66720 -800/467-8676 620/431-0012	
INVOICE					Invoice #	252568
Invoice Date: 08/31,			10/10/30			age 1
J. B. D. % P. J. P.O. BOX 68 SEDAN KS 67361 (620)725-3636	. BUCK			CARTER 16-5 3390000507 08/31/12 16-34-12E KS		
Part Number 1126A 1110A 1118B 1107A 1123 4404		ST CEMI 5 (50# GEL / AL (M) FER	BAG) BENTONIT 40# BAG)	110.00 650.00 E 150.00	.4600 .2100 1.2900 .0165	Total 2112.00 299.00 31.50 103.20 89.10 45.00
Sublet Performed 9995-240 9996-240		EQUIPMI	ENT DISCO AL DISCOU			Total -209.86 -267.98
Description 398 CEMENT PUMP 398 EQUIPMENT MILEA 398 CASING FOOTAGE NUNNE WATER TRANSPOR 551 MIN. BULK DELIV	T (CEMENT			Hours 1.00 40.00 1012.00 3.00 1.00	4.00 .22 112.00	Total 1030.00 160.00 222.64 336.00 350.00

Amount Due 5000.88 if paid after 09/30/2012

Parts:	2679.80 Freight:	.00 Tax:	200.20 AR	4500.80
Labor:	.00 Misc:	.00 Total:	4500.80	
Sublt:	-477.84 Supplies:	.00 Change:	.00	

Signed

DO, KS EUREKA, KS 7022 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-2227 OTTAWA, KS 785/242-4044 Date

GILLETTE, WY 307/686-4914

8/31/2012

# #252568

#### 

ustomer	JBD	State, County	Chautauqua , Kansas	Cement Type	CLASS A
b Type		Section	16	Excess (%)	CLASS A
istomer Acct #	429/	TWP	34	Density	13.8
ell No.	CARTER 16-5	RGE	12E	Water Required	10.0
ailing Address	Or attent to b	Formation	(EL	Yeild	1.75
ty & State		Hole Size	6.75	Slurry Weight	
p Code		Hole Depth	1012	Slumy Volume	
ontact		Casing Size	4 1/2	Displacement	16.1
				the second se	
mail		Casing Depth	1012	Displacement PSI	500
ell	DADTI FOUND F	Drill Pipe		MIX PSI	300
ispatch Location	BARTLESVILLE	Tubing	LANDED AT 800#	Rate	4.5
ode	Coment Pump Charges and Milooge	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,030.00	\$ 1,030.0
5406	EQUIPMENT MILEAGE (ONE-WAY)	40	PER MILE	\$4.00	\$ 160.0
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PERLOAD	\$350.00	\$ 350.0
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	<u>\$</u> -
0			0	\$0.00	<u>\$</u>
	FOOTIOF	1.010	0	\$0.00	<u>\$</u>
5402	FOOTAGE	1,012	PER FOOT	0,22	\$ 222.6
				EQUIPMENT TOTAL	\$ 1,762.6
Part and a second	Gement, Chemicals and Water				
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CLORII		0	\$19.20	\$ 2,112.0
1110A	KOL SEAL (50 # SK)	650.00	0	\$0.46	\$ 299.0
1118B	PREMIUM GEL/BENTONITE (50#)	150.00	0	\$0.21	\$ 31.5
1107A	PHENOSEAL	80.00	0	\$1.29	\$ 103.2
1123	CITY WATER (PER 1000 GAL)	5.40	0	\$16.50	\$ 89.1
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				CHEMICAL TOTAL	\$ 2,634.8
	Water Transport			202	
5501C	WATER TRANSPORT (CEMENT)	3	TER TRANSPORT (CEME	\$112.00	\$ 336.0
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
			T	RANSPORT TOTAL	\$ 336.0
and the second second	Contraction and the contract (1113)				
	Contra Classes				
0			Τ ο	\$0.00	\$ -
	Centralizer				
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
	Float Shoe			<u> </u>	
0			0	\$0.00	\$ -
	Float Collars			+••••	
0			0	\$0.00	\$ -
	Guide Shoes				
			and the second		
0			0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	the second se	<b>\$</b>
0	Baffle and Flapper Plates			the second se	\$ \$
	Baffle and Flapper Plates Packer Shoes				
				\$0.00	
0			0	\$0.00	\$
0	Packer Shoes		0	\$0.00 \$0.00	\$ \$
0	Packer Shoes			\$0.00 \$0.00	s
0	Packer Shoes DV Tools			\$0.00 \$0.00 \$0.00	\$ \$
0 0 0	Packer Shoes DV Tools			\$0.00   \$0.00   \$0.00	\$ \$
0 0 0 0	Packer Shoes DV Tools			\$0.00 \$0.00 \$0.00 \$0.00	\$ \$
0 0 0 0	Packer Shoes DV Tools			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ \$ \$
0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc.			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 4404	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2' RUBBER PLUG Downhole Tools		0   0   0   0   0   0   0   0   PER UNIT	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$0.00 QUIPMENT TOTAL	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 4404 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME		0           CEMENT FLOATING E	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 QUIPMENT TOTAL SUB TOTAL	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 4404 0 674	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Donnie		0   0   0   0   0   0   0   PER UNIT   0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$45.00 \$0.00 QUIPMENT TOTAL SUB TOTAL SALES TAX	\$ - \$ - \$ - \$ - \$ - \$ 45.0 \$ 45.0 \$ - \$ 45.0 \$ - \$ 45.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 4404 0 674 398	Packer Shoes DV.Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Donnie JOHN W		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$0.00 QUIPMENT TOTAL SALES TAX TOTAL	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 0 4404 0 674 398 551	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2' RUBBER PLUG Downhole Tools DRIVER NAME Donnie JOHN W JONATHAN		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$0.00 QUIPMENT TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 4404 0 674 398	Packer Shoes DV.Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Donnie JOHN W		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$45.00 QUIPMENT TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 0 4404 0 674 398 551	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2' RUBBER PLUG Downhole Tools DRIVER NAME Donnie JOHN W JONATHAN		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$0.00 QUIPMENT TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 0 4404 0 674 398 551	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Donnie JOHN W JONATHAN SAM		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$0.00 QUIPMENT TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 0 0 4404 0 674 398 551 NUNNLEY TP	Packer Shoes DV.Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Donnie JOHN W JONATHAN SAM		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$45.00 \$0.00 QUIPMENT TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

## CEMENT FIELD TICKET AND TREATMENT REPORT

3390000507

Çustomer	JBD	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Customer Acct #	LS	Section	16	Excess (%)	0
Well No.	0	TWP	34	Density	13.8
Mailing Address	CARTER 16-5	RGE	12E	Water Required	0
City & State	0	Formation	0	Yeild	1.75
Zip Code	0	Hole Size	6.75	Slurry Weight	0
Contact	0	Hole Depth	1012	Slurry Volume	0
Email	0	Casing Size	4.5	Displacement	16.1
Cell	0	Casing Depth	1012	Displacement PSI	500
Office	0	Drill Pipe	0	MIX PSI	300
Dispatch Location	BARTLESVILLE	Tubing	LANDED AT 800#	Rate	4.5
REMARKS					

RIG UP, EST CIRC WITH GEL AND H20. RUN 110SX THICK SET WITH 6# KOL AND .25# PHENO. WASH OUT PUMP AND LINES AND RELEASE PLUG. DISP 16.1 BBL TO LAND PLUG FLOAT HELD CMT TO SURF. WASH UP AND RIG DOWN.

THAN K YOU