

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1148816

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled     Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	

#### 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							
Letter of Confidentiality Received							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
ALT I II III Approved by: Date:							

	Side Two	1148816		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. R East West	County:			

**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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		-	n (Top), Depth an		Sample	
Samples Sent to Geological Survey		Yes No	Nan	Name		Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>		<pre>Yes □ No Yes □ No Yes □ No</pre>						
List All E. Logs Run:								
		CASIN	G RECORD	ew Used				
		Report all strings se	et-conductor, surface, int	ermediate, product	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 / SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed Production, SWD or ENHR.			ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:		
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit )	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Submit ACO-18.)				Other (Specify)						<u></u>

## 6/18/2013

# CEMENT FIELD TICKET AND TREATMENT REPORT

Istomer	Paks Drilling	State, County	Montgomery , Kansas	Cement Type	CLASS A
b Type	Long String	Section	3	Excess (%)	100%
stomer Acct #	song comg	TWP	31S	Density	13.8
ell No.	Pierce IR 23	RGE	16E	Water Required	8.5
ailing Address		Formation	and the second se	Yeild	1.77
ty & State		Tubing	-	Sacks of Cement	100
o Code		Drill Pipe		Slurry Volume	31.5
ontact		Casing Size	4 1/2 10.5#	Displacement	15.4
and the second		Hole Size	6 3/4	Displacement PSI	200
nail					and the second
		Casing Depth	973	MIX PSI	200
spatch Location	BARTLESVILLE	Hole Depth	1063	Rate	4
ode	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$ 1,085
5402	FOOTAGE	973	PER FOOT	\$0.23	\$ 223
5406	EQUIPMENT MILEAGE (ONE-WAY)	60	PER MILE	\$4.20	\$ 252
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368
5621	4 1/2 INCH PLUG CONTAINER	1	PER UNIT	\$215.00	\$ 215
0			0	\$0.00	<u>\$</u>
0			0	\$0.00	<u>\$</u> .
0			0	\$0.00	\$
0			0	\$0.00	\$
				EQUIPMENT TOTAL	\$ 2,143
	Cement, Chemicals and Water				
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CLORIDE	100	0	\$20.16	\$ 2,016
1126A 1107A	PHENOSEAL	100	0	\$1.35	\$ 135
		500	0	\$0.46	\$ 230
1110A	KOL SEAL (50 # SK)		0	\$0.46	\$ 230 \$ 66
1118B	PREMIUM GEL/BENTONITE (50#)	300			
1123	CITY WATER (PER 1000 GAL)	4.6	0	\$17.30	<u>\$ 79</u>
0			0	\$0.00	<u>\$</u>
0			0	\$0.00	<u>\$</u>
0			0	\$0.00	<u>\$</u>
0			0	\$0.00	\$
0			0	\$0.00	\$
0			0	\$0.00	\$
		1 Par 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CHEMICAL TOTAL	\$ 2,526
	Water Transport				and the second second
5501C	WATER TRANSPORT (CEMENT)	4	TER TRANSPORT (CEME	\$120.00	\$ 480
0			0	\$0.00	\$ .
0			Ó	\$0.00	<b>S</b> .
			1	RANSPORT TOTAL	\$ 480
	Cement Floating Equipment (TAXABLE)		1		CARL COLOR OF THE SALE
	Cement Basket				
0	Cerneni Daskei		0	\$0.00	\$ ·
<u> </u>	Centralizer		J	1 40.00 1	*
	Centralizer	Mark activity of the second	0	\$0.00	\$.
0			0	\$0.00	S .
U			1 0	Φυ.ου	<u>v</u>
	Float Shoe		1 .	1 eo oo 1	\$ .
0			0	\$0.00	\$
	Float Collars		T - ^	1 eo oo 1	•
0			0	\$0.00	\$ .
	Guide Shoes		<b></b>	T	•
0			0	\$0.00	\$ ·
	Baffle and Flapper Plates				-
			A	\$0.00	<b>S</b> .
0			0		
	Packer Shoes	1			
0 0	Packer Shoes		0		\$
			0	\$0.00	
	Packer Shoes				\$ \$
0	Packer Shoes		0	\$0.00	\$ .
0	Packer Shoes DV Tools		0	\$0.00	
0	Packer Shoes DV Tools		0	\$0.00 \$0.00 \$0.00	\$ .
0 0 0	Packer Shoes DV Tools		0	\$0.00 \$0.00 \$0.00	\$ \$
0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc.		0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00	\$ · · · · · · · · · · · · · · · · · · ·
0 0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers		0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ · · · · · · · · · · · · · · · · · · ·
0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG		0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00	\$ - \$ - \$ - \$ -
0 0 0 0 0 4404	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers		0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$47.25	\$ - \$ - \$ - \$ -
0 0 0 0 0	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG		0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$47.25 \$0.00	\$
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		0 0 0 0 0 0 PER UNIT	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL	\$
0 0 0 0 4404 0 TRUCK#	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME		0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL	\$
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		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 \$47.25 \$0.00 \$QUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL	\$
0 0 0 0 0 4404 0 <b>TRUCK#</b> 656 492 538	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME John Wade Jake Cole George		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 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL SUB TOTAL SALES TAX TOTAL	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
0 0 0 0 0 0 4404 0 <b>TRUCK#</b> 656 492	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME John Wade Jake Cole		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 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL SUB TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
0 0 0 0 0 4404 0 <b>TRUCK#</b> 656 492 538	Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME John Wade Jake Cole George		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 \$47.25 \$0.00 \$QUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

TITLE FOREMAN 11

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.

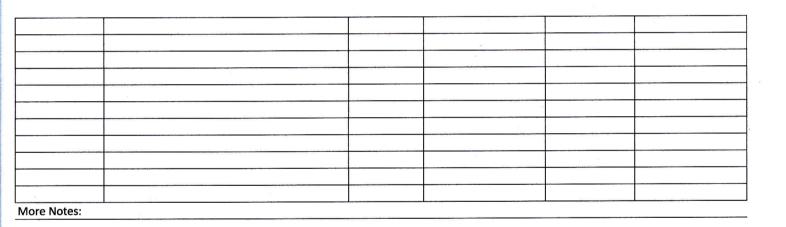
DATE



CEMENT FIELD TICKET AND TREATMENT REPORT

Time:	Description	Rate (bpm)	Volume (bbl)	Pressure	Notes
7:45 AM	Hook up to well				
and the second	Run 300# gel sweep to establish cir.	4	18	100	
	Run 100 sacks Thick Set cment @ 13.8	4	32	100	
	Shut down and wash pump and lines		5. 		
	Drop Plug and displace	4	15.4	200	
	Land plug			850	
8:30 AM	Wash pump truck				

Hooked up to well and pumped a 300# gel sweep ahead of 100 sacks of thickset cement. Shut down and washed pump and lines. Droped plug and displaced 15.4bbl to land plug at 850psi. Released press and plug held. Shut in plug container and left on well. Circulated 6bbl cement to pit. Thank You.





## PAKS DRILLING 3720 W. Main St. Independence, KS 67301 (620) 577-4196

cement surface casing Job Ticket

Date: 06/12/2013

Well Name/Location: PIERCE IR 23

Customer Order #:00301

Labor - Desc	Hrs./Qty	Rate	Amount	Desc	ription of Work			
Drilling foreman:	JASON		SET SURFACE CASING ran cement for suface casing used 11 sacks 50/50 portland m					
drilling foreman:		3.5hrs						
Drill Hand	DARYL	0.01110						
Drill hand:	JOSEPH							
Hand:	LEVI							
Per Diem:	none							
Safety Bonus:	none							
Other Charges - Description		Hrs/Qty	Rate	Amount				
Equipment Usage Chrg		2.75						
Equipment Usage Chrg								
Water Delivery		2						
Crew Truck		2						
Trucking Charge		3.25						
					Total Amount Due	960		