

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1084231

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
	tate: Zip:+	Feet from Cast / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
		County:
		Lease Name: Well #:
		Field Name:
0		
		Producing Formation:
Designate Type of Completion:	_	Elevation: Ground: Kelly Bushing:
New Well	e-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW	SWD SIOW	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 (Cor	e, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well In	fo 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		Chloride content: ppm Fluid volume: bbls
	Conv. to GSW	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 #:
	Permit #:	Quarter Sec TwpS. R East West
GSW	Permit #:	County: Permit #:
Spud Date or Date Re Recompletion Date	ached TD Completion Date or 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
UIC Distribution
ALT I II Approved by: Date:

	Side Two	1084231
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 She	eets)	Yes No		.og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes No	Nam	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E <i>(If no, Submit Copy)</i>	Electronically	Yes   No     Yes   No     Yes   No					
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 Specify Fo		RD - Bridge P Each Interval I		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			1							
DISPOSITIC	ON OF (	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC	)-18.)		Other (Specify)						

Linn County, KS Well: Querry Q-11 Lease Owner: Thunderbolt

## Town Oilfield Service, Inc. (913) 837-8400

## WELL LOG

Thickness of Strata	Formation	Total Depth
0-24	Soil-Clay	24
22	Shale-Clay?	46
5	Lime	51
5	Shale	56
9	Lime	65
11	Shale	76
7	Lime	83
14	Shale	97
5	Lime	102
7	Shale	109
3	Lime	112
6	Shale	118
23	Lime	141
34	Shale	175
1	Lime	176
3 •	Shale	179
5	Sand	185
8	Sand	193
57	Shale	. 250
9	Sandy Lime	259-TD
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LINK County QJerry \_\_\_\_ Farm: \_\_\_\_ State; Well No. \_ 🛱 -CASING AND TUBING MEASUREMENTS KS 11 Feet ln. Feet ln. Feet ۱'n. 309 Elevation 218 DEC 29 20 11 FLOAT 27/2 Commenced Spuding 30 20 61 Finished Drilling ) - C -Driller's Name WESLEY Dallar Driller's Name Chad Weaver Driller's Name Tool Dresser's Name Lance Town Tool Dresser's Name Steven Scott Tool Dresser's Name TOS Contractor's Name 35 24 19 (Section) (Township) (Range) \_\_\_ line, \_1820 ft. Distance from \_\_\_\_ \_line, <u>3335</u> ft Distance from \_ 4 hrs CASING AND TUBING RECORD 2 Sacks 10" Set \_\_\_\_\_ 10" Pulled . 8″ Set \_ 8" Pulled \_\_\_\_ 7 974" Set 21 6¼" Pulled \_\_\_\_\_ 4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_ 2" Pulled \_\_\_\_ 2" Set \_\_\_\_\_ -1- `

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Thickness of	Formation	Total	Deveodre
Strata O-24	Soil- clay	Depth	Remarks
22	Sharl-e-clay?	46	water-some grave
5	Lime	51	Water - Some grave
5	Shall C	56	
eq	Lime	65	
11	Shell C	76	
7	Lime	83	
14	Shale	97	· · · · · ·
<u> </u>	Lime	102	
	Shalt Lime	112	
	Shald	114	
23	Limt	141	
34	Shale	175	
1	Lime	176	
3	Shalt	179	
5	Sand	185	Shaley no Cil
8	Sand	193	seriel Of 1
_ 57	Shale	250	
G	Sandy lime	9.77	
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Jan, 9, 2012 9:1/AW Consolidated Uil

No, Ub54 P. 5

Gente Bill Viel	<b>CLUDATUR</b> Handkon Life	P P	<b>REMIT TO</b> d Oil Well Serv Dept, 970 O. Box 4346 on, TX 77210-4		Chant 820/431-9210 • 1-	IAIN OFFICE P.O. Box 884 alte. KS 66720 800/467-8676 620/431-0012
					Invoice #	246842
P.O, BOX 33	LD SERVICES	Ferms: 0/0/	QUBR 3577	5 5 19 24 L1		age 1
					- , ;	
Part Number 1124 11188 4402	PREMIUM	Lion DZ CEMENT M GEL / BENI RUBBER PLUG	ONITE	45.00 126.00		Tota 492.75 26.46 28.00
495 CEMENT PUM	uum truck (CH P Mileage (one Tage	,		Hours 1.50 1.00 219.00 122.85	4.00	Tota: 135.00 1030.00 .00 .00 154.7
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BARTLESVILLE, OK EL DOR \$18/338-0808 316/32	100, Ks EUREKA, Ks 27022 620/583-7864	PONCA CITY, OK	DAKLEY, KS 785/872-2227	OTTAWA, K3	THAYER, KS	GILLETTE, WY 307/688-4914

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) Box 884, Ch 0-431-9210 o	anute, NS 00720 or 800-467-8676	CEME	NT ·	 	•	· ·
DATE	CUSTOMER # WE	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
14/05/2.	7984 QUEN	- AT	3 22 35	-77	24	'n.
JSTOMER		•	TRUCK#			
AILING ADDRE		ervices		DRIVER	TRUCK# ,	DRIVER
P.O.	Bar 339		495	FREMAD	Safet	<u>z</u>
<u>, 0,</u> TY	STATE	ZIP CODE	367.	HARBEC DERMAS	- ROFL	<del></del>
, , , , ,	1/s	66053	510		<u> </u>	· ·
Louis 6	no String HOLE SIZE	S7/8- HOLE DEP		CASING SIZE & W	KC .	EUE
)в ТҮре <u>, <i>К.Ф</i></u>		TUBING	········			EV#
ASING DEPTH_			l/sk	CEMENT LEFT In (	OTHER	Phin
LIRRY WEIGH				RATE 4BPM		
SPLACEMENT	stablish cirris la		Pure 50 \$	Premtern.		······································
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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.