

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1090447

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: Sta	ate: Zip:+	Feet from East / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
		County:
		Lease Name: Well #:
		Field Name:
-		
		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
New Well Re-I	Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW	SWD SIOW	Amount of Surface Pipe Set and Cemented at: Fee
Gas D&A	ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG	GSW Temp. Abd.	If yes, show depth set: Fee
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core,	, Expl., etc.):	feet depth to:w/sx cm
If Workover/Re-entry: Old Well Info	o 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
		Dewatering method used:
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:	
Dual Completion	Permit #:	Operator Name:
	Permit #:	Lease Name: License #:
	Permit #:	Quarter Sec TwpS. R East Wes
GSW	Permit #:	County: Permit #:
Spud Date or Date Read Recompletion Date	ched 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	1090447
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 Sh	eets)	Yes No	L		n (Top), Depth an	d Datum Top	Datum
Samples Sent to Geolog	gical Survey	Yes No		•			
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<pre>Yes No</pre> NoYes NoNo					
List All E. Logs Run:							
		CASING		w Used			
		Report all strings set-	conductor, surface, inte	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
	1			1		-	

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	e:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	oducti	on, SWD or ENHF	۲.	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF G	AS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A		Commingled (Submit ACO-4)		
(If vented, Subm	it ACO	-18.)		Other (Specify))					

	CONSOLIDATED			TICKET NUM	Ottawa,	<u>39890</u> Ics
DO Day 004	Ohanita KO 20760	FIELD TICKET & TRE			asay Ke	unedy_
620-431-921(Chanute, KS 66720			URI	•	
DATE	CUSTOMER # V	VELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	
6/22/12	7823 M.D	onald # 6-WR	SW 3	1	14	COUNTY
CUSTOMER		Dug bi ti di wit			1 / 7 W 2000 - 10 10	$\perp LN$
کا ہے۔ MAILING ADDI	on Oil		TRUCK #	DRIVER	TRUCK #	DRIVER
	RESS DEZ SL		481	Caskan	ck	
<u>10 200</u> CITY	5 W. 287 St	1710 000	lelele	GarMoo	GH	
	STATE	ZIP CODE 66071	503	SetTuc	ST	
Paola	<u> </u>		Ĺ	<u> </u>		
OB TYPE 10	(e., emil)		TH_7171	CASING SIZE & V		"EVE
ASING DEPT		TUBING			OTHER pra	-705'
LURRY WEIGI			/sk	CEMENT LEFT in	CASING	"abber plue
ISPLACEMEN				RATE 4.66	pri	ر ا
EMARKS: he	D D D D D D D D D	, established circu,	tation, mixe	ed + pring	100 #	Premium
1 907	bed the 10 bols fro	on water, mixed	+ Aunped	100 sts -	153 Poz	unx cen.
1 2 10 8	a per or cemp	at to surface, +	hored pump	clean, pu	uped 2%	4" rober
US TO	Jin w/ 7,1005 tr	esh water, pressu	red to 800	BS1, well	held pres	sure for
N min h	ALL, Shot in casi.	<u></u>		·	-	
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ACCOUNT				-¥	· · · · · · · · · · · · · · · · · · ·	
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION o	f SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
	QUANITY or UNITS	DESCRIPTION o	f SERVICES or PRO		UNIT PRICE	TOTAL 1030, 00
	QUANITY or UNITS		f SERVICES or PRO	DUCT	UNIT PRICE	1
CODE 5401 5406		PUMP CHARGE MILEAGE	hace	DUCT	UNIT PRICE	1030.00 160.00
CODE 5401 5406 402	40 mi 710	PUMP CHARGE MILEAGE	hace		UNIT PRICE	1030.00 160.00
CODE 5401 406 402	40 mi	PUMP CHARGE MILEAGE	hace	DUCT		1030.00
CODE 5401 5406 402	40 mi 710	PUMP CHARGE MILEAGE Casing for ton Mileage	lage	DUCT		1030.00 160.00
CODE 5401 7406 7402 7402	40 mi 710 minimum	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030, ac 160, ac 350, ac
CODE 5401 5406 402 5407	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage	DUCT		1030, ac 160, ac 350, ac
CODE 401 406 402 7407 124 118B	40 mi 710 minimum	PUMP CHARGE MILEAGE Casing for ton Mileage	lage	DUCT		1030, ac 160, ac 350, ac
CODE 401 406 402 7407 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE	lage	DUCT		1030, 00 160, 00
CODE 401 406 402 402 402 107 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage	DUCT		1030, ac 160, ac 350, ac
CODE 401 406 402 402 402 107 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030, ac 160, ac 350, ac
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CODE 401 406 402 402 402 107 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030, ac 160, ac 350, ac
CODE 401 406 402 402 402 107 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030, 00 160, 00 350, 00 1095, 00 56, 28 28,00
CODE 401 406 402 7407 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030. 00 160. 00 350. 00 1095. 00 56. 28 28.00
CODE 401 406 402 7407 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030. 00 160. 00 350. 00 1095. 00 56. 28 28.00
CODE 401 406 402 7407 124 18B	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030, 00 160, 00 350, 00 1095, 00 56, 28 28,00
CODE 401 406 402 402 402	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE Casing for ton Mileage	lage			1030. 00 160. 00 350. 00 1095. 00 56. 28 28.00
CODE 401 406 402 402 402 402 402 402 102 102 102 102 102 102 102 102 102 1	1 40 mi 710 minimum 100 Sts	PUMP CHARGE MILEAGE CASING FOOT ton Mileage 50/50 Pozmix Premium Ge D/5" rubber F	lage	6.37.		1030. 00 160. 00 350. 00 1095. 00 56. 28 28.00

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.

Linn County, KS Well: McDonald 6-WR Lease Owner: TOC

WELL LOG

Thickness of Strata	Formation	Total Depth
9	Soil and Clay	9
6	Sandy Shale	15
12	Limey Sand	27
10	Green Shale	37
47	Shale	84
10	Lime	94
12	Shale	106
32	Lime	138
7	Shale and Slate	145
24	Lime	169
4	Shale and Slate	173
2	Lime	175
3	Shale	178
7	Lime	185
3	Shale	188
22	Green Shale	210
7	Sandy Shale	217
85	Shale	302
8	Sandy Shale	310
28	Shale	338
5	Lime	343
16	Shale	359
12	Lime	371
9	Sandy Shale	380
6	Sand	386
40	Shale	426
10	Lime	436
10	Shale	446
3	Lime	449
22	Shale	471
15	Lime	486
10	Sandy Shale	496
3	Lime	499
81	Shale	580
8	Sand	588
38	Sandy Shale	626
27	Sand	653
8	Sand	661
56	Sandy Shale	717-TD

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