

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1119788

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:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Dian
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Oblasida sectori
Deepening Re-perf. Conv. to ENHR Conv. to SWD	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 #:	Lease Name: License #:
SWD Permit #:	
ENHR Permit #:	Quarter Sec Twp S. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached 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 III Approved by: Date:

	Side Two	1119788
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		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	16		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<pre>Yes □ No Yes □ No Yes □ No</pre>					
List All E. Logs Run:							
		CASIN	G RECORD	ew Used			
		Report all strings se	t-conductor, surface, int	ermediate, producti	on, 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 For		RD - Bridge P Each Interval I)e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	λ .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
						1				
DISPOSITIC	ON OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC)-18.)		Other (Specify)						

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

Miami County, KS Well: Haddock 2 Lease Owner: TOC

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 11/21/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
7	Soil-Clay	7
15	Lime	22
23	Shale	45
3	Lime	48
44	Shale	92
15	Lime	107
9	Shale	116
29	Lime	145
9	Shale	154
22	Lime	176
5	Shale	181
3	Lime	184
2	Shale	186
5	Lime	191
137	Shale	328
10	Lime	338
18	Sandy Shale	356
15	Lime	371
11	Shale	382
35	Sandy Shale	417
3	Lime	420
18	Shale	438
2	Lime	440
14	Shale	454
6	Lime	460
21	Shale	481
1	Lime	482
3	Shale	485
5	Lime	490
6	Shale	496
2	Sandy Shale	498
5	Sand	503
39	Sandy Shale	542-TD
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	Consolidated			TICKET NU	MBER	38916
	Oil Well Services, LLC			LOCATION	Ottaw	
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	Chanute, KS 66720 Fi or 800-467-8676	IELD TICKET & TREA CEMEN		ORT	· · · · · · · · · · · · · · · · · · ·	1
DATE	CUSTOMER # WI	ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	
11-29-1	12 7823 Hald	Per #1	342 24	10111011		COUNTY
CUSTOMER	A TURL UMAR				The strategic strategics	1.2 (P) A 3017869 () a 1
MAILING ADDE	O:(TRUCK#	DRIVER	TRUCK#	DRIVER
1620	5 W 287 th		368	Ala Mac	e Safety	Meet
CITY	STATE	ZIP CODE	523	Day Det	-	-
Pada	<u> </u>	66071				
	HOLE SIZE HOLE SIZE	3 3/B HOLE DEPTH	542	CASING SIZE &	WEIGHT 2 '	13
		TUBING	·		OTHER P	n 537
SLURRY WEIG		0	00	1. 1	CASING 1/1	25 /
REMARKS: 1.	ed neetine.	Established	nata (RATE 4 6	pm	
IAD# 5	rel followed	by BOIGK 51	2150 n	M. R. Ed.	* pum	peck .
Gel.	Circulated		ushed	Diana D.	pigg .	2-10
plus	to pin, Well	held 800	PIST	Plas	ed in	Nex_
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lown	Scott	·				
Town	upiter				1	
			A	m Al	ader	
ACCOUNT	QUANITY or UNITS	DESCRIPTION of S				· · · · · · · · · · · · · · · · · · ·
CODE			ERVICES OF PROD	JUCT	UNIT PRICE	TOTAL
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5401		PUMP CHARGE		368		1030.00
5406 5406	20	PUMP CHARGE		· <u>368</u> 368		ļi
5406	2D 536	PUMP CHARGE MILEAGE CASINE FOR	tase	- <u>368</u> 368 368		1030.00
	20 536 min	PUMP CHARGE		· <u>368</u> 368		ļi
5406		PUMP CHARGE MILEAGE CASINE FOR		- <u>368</u> 368 368		1030.00
5406	min	PUMP CHARGE MILEAGE Casing for ton miles	tase	- <u>368</u> 368 368		10.30.00 80.00 350.00
5406 3402 3407	min	PUMP CHARGE MILEAGE Casing for ton miles 501 50 come	tase	- <u>368</u> 368 368		1030.00
5406 3402 3407 1124 1124 11843		PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	tase	- <u>368</u> 368 368		10.30.00 80.00 350.00 8.76.00 49.14
5406 3402 3407	min	PUMP CHARGE MILEAGE Casing for ton miles 501 50 come	tase	- <u>368</u> 368 368		10.30.00 80.00 350.00 876.00 49.14 28.00
5406 3402 3407 1124 1124 11843	min	PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	tase	- <u>368</u> 368 368		10.30.00 80.00 350.00 876.00 49.14 28.00
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5406 3402 3407 1124 1124 11843	min	PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	+45e	- <u>368</u> 368 368		10.30.00 80.00 350.00 876.00 49.14 28.00
5406 3402 3407 1124 1124 11843	min	PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	+45e	368 368 068 583		10.30.00 80.00 350.00 8.76.00 49.14 28.00
5406 3407 3407 1124 11183 4402	min	PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	+45e	368 368 068 583		10.30.00 80.00 350.00 876.00 49.14 28.00
5406 3407 3407 1124 11183 4402	min	PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	+45e	368 368 068 583	SALES TAX ESTIMATED	10.30.00 80.00 350.00 876.00 49.14 28.00 49.14 28.00
5406 3402 3407 1124 1124 11843	min	PUMP CHARGE MILEAGE Casing for ton miles 50/50 ceme gel	+45e	368 368 068 583	SALES TAX ESTIMATED	10.30.00 80.00 350.00 876.00 49.14 28.00

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.

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