

## Kansas Corporation Commission Oil & Gas Conservation Division

#### 1096511

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:	SecTwpS. R				
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: ()	□NE □NW □SE □SW				
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:				
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used?				
Operator:					
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth: Onv. to ENHR	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 #:	Lease Name: License #:				
SWD Permit #:	Quarter Sec TwpS. R				
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:				
GGW Fellill #.					
Spud Date or 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



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  — Perforate — Protect Casing — Plug Back TD — Plug Off Zone  Depth Top Bottom  Type of Cement		ement	# Sacks	Used		Type and	Percent Additives			
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Ty Specify Footage of Each Interval Perforated			s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	THOD OF COMPLETION:			PRODUCTION INTERVAL:		
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (		nmingled mit ACO-4)			

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 Commenced Spudding: 12/19/2011 Miami County, KS Well: N. Hansen SW-3 Lease Owner: TOC

## WELL LOG

Thickness of Strata	Formation	Total Depth		
0-6	Soil-Clay	6		
24	Lime	30		
44	Shale	74		
14	Lime	88		
11	Shale	99		
4	Lime	103		
13	Shale	116		
2	Lime	118		
25	Sandy Shale	143		
11	Lime	154		
15	Shale	169		
27	Lime	196		
7	Shale	203		
19	Lime	222		
3	Shale	225		
3	Lime	228		
6	Shale	234		
4	Lime	238		
5	Shale	243		
9	Sand	252		
17	Sandy Shale	269		
1	Sand	270		
1	Sand	271		
18	Core	289		
30	Sandy Shale	319		
32	Shale	351		
29	Sandy Shale	380		
10	Shale	390		
11	Sandy Shale	401		
2	Sandy Lime	403		
4	Sand	407		
11	Sand	418		
20	Core	438		
17	Core	455		
2	Lime	457		
8	Shale	465		
5	Lime	470		
21	Shale	491		
1	Lime	492		
2	Shale	494		

Lease Owner: TOC

# Miami County, KS **Town Oilfield Service, Inc.** Commenced Spudding: Well: N. Hansen SW-3 (913) 837-8400 12/19/2011

1	Lime	495			
5	Shale	500			
7	Sandy Shale	507			
4	Lime	511			
8	Sandy Shale	519			
7	Lime	526			
33	Shale	559			
3	Sand	562			
55	Sandy Shale	617			
8	Sand	625			
20	Sandy Shale	645			
4	Lime	649			
6	Shale	655			
3	Sand	658			
1	Shale	659			
4	Lime	663			
16	Shale	679-TD			



TICKET NUMBER 33197

LOCATION Office
FOREMAN Alan Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

# FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL	NAME & NUMBER	SECTION .	TOWNSHIP	RANGE	COUNTY
12-28-11	7823	Hansen	Swy	SE 20	16	24	MT
CUSTOMER		, ,	o Town Oil	Marine Comment		STATE OF THE STATE	Security Security
WATER ADDRESS	(SC) F7	nergy /	5 10009 011	TRUCK#	DRIVER	TRUCK#	DRIVER
// O o /	W 28	8-7-4		5/6	Man M	SUPPI	Meet
16205 CITY	vo ac	STATE	ZIP CODE	368	MICHENN	J. J	
0 10		15.5	66071	378	Verek NI	DETAIL	
Farry	1701		L		040000000000000000000000000000000000000	7	<u> </u> 3∕/
JOB TYPE <u>⟨OV</u>	$\bigcirc$	HOLE SIZE	<del></del>	тн <u> 3<i>D</i> 7</u>	CASING SIZE & V	- 12	<u>" 7</u>
CASING DEPTH		DRILL PIPE	TUBING	11-1-		OTHER \$ 23	P
SLURRY WEIGH	771.	SLURRY VOL_	WATER ga	1/sk	RATE 4 6	CASING V	5
DISPLACEMENT		DISPLACEMEN*		1 4.5		100 B	
REMARKS: 1/2	7)	Meey.	Egt 46 1:84	1 80	xx & pump	1000	901
72/10W		6.8 GK	50/30 cem		celi Ci	<u>roulare</u>	cem,
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ACCOUNT						· · · · · · · · · · · · · · · · · · ·	· 1
CODE	QUANITY	or UNITS	DESCRIPTION	of SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARGE	•			103000
5406	20	•	MILEAGE From	PIEV:00	as well		80,00
5402	478		casine toor	taer			***************************************
5407	1/2	min	tranianiles		•	,	175.00
V 111						- 6	
1/24	6 5	72	50150 Crun	)			744.60
1/18/13	24	14	gel		1		44,94
4402			260ly				28.00
1100						· · · · · · · · · · · · · · · · · · ·	30.00
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avin 8787						ESTIMATED	0.61101
	XX	)———	,	e e e e e e e e e e e e e e e e e e e		TOTAL	2147,00
AUTHORIZTION_	-190	1 (01)	TITLE			DATE	******