

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1139236

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 Feast / 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:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
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:	
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 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	1139236
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	L	-	n (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	ical Survey	Yes No				iop	Datam
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set	-conductor, surface, inte	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				

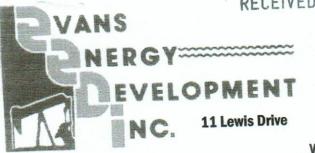
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIC	SPOSITION OF GAS: METHOD OF COMPLE			TION:		PRODUCTION INT	ERVAL:			
Vented Sold		(Submit A			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

C ·	CONSOLIDATED			TICKET NUN	BER 3	5230
	Oil Well Services, LLC			LOCATION_	Ottern	0200
PO Box 884	Chanute, KS 66720		•		Alan M	1-4.0
620-431-9210	or 800-467-8676	FIELD TICKET & TRE	ATMENT REP	ORT		gal te
DATE	CUSTOMER #	CEME WELL NAME & NUMBER				1
11.20.12	WLILID P	24	SECTION	TOWNSHIP	RANGE	COUNTY
CUSTOMER	11110 Gue	Terman TKR.	NW 2D	14	22	
Kans	as Resources	EdD	TRUCK		104	lue
MAILING ADDR	ESS		TRUCK#	DRIVER	TRUCK#	· DRIVER
9353	w 116 +3		368	Mange	Syter	Meet
STY C	STATE	ZIP CODE	369	pri mo	DAM	i i
Duerla	nd Park KS	66210	558	Der Mas	Din	
OB TYPE 0	The second second	53/8 HOLE DEPT	TH 929	CASING SITE AL	10m	
ASING DEPTH				CASING SIZE & V		18
LURRY WEIGH			/sk	CEMENT LEFT in	OTHER	
ISPLACEMEN	1.53 DISPLACE	MENT PSI 800 MIX PSI		RATE LA LA	CASING_/C	2
EMARKS: H	eld crew no	eting, Measu			1 1.1. 1	0
vate.	Mixed + pr	imped 100 FF	cel fol	Eli- Kiji	g olish	ed
50/50	cement pl	45 270 welt	Vatt Plan	and ect	6y 17	DUSK
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to ca	sing TD.	Nell held 8	OF PST	: Fum	ago a	plyg
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Evans,	Mitchell		2- 1	lan A	1ada	,
Erans, Account CODE	Midchell QUANITY or UNITS	DESCRIPTION of	f SERVICES or PRO	~		,
ACCOUNT			f SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
ACCOUNT		PUMP CHARGE	f SERVICES or PRO	оист 368		тотаL 1030.Q
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE		оист 368 348	UNIT PRICE	
ACCOUNT		PUMP CHARGE MILEAGE		оист 368 348	UNIT PRICE	1030.0
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE C.C.S.I.M. FODI FON MILES		оист 368 348	UNIT PRICE	1030.9 120,00
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE		оист 368	UNIT PRICE	1030.0
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE C.C.S.I.M. FODI FON MILES		оист 368 348	UNIT PRICE	1030.9 120,00
ACCOUNT CODE 5421 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE Casing Food You Miles BO wac	Fage.	оист 368 348	UNIT PRICE	1030.9 120,00
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE C.G.S.I. M. FODI You Miles BD UGC	tage	оист 368 348	UNIT PRICE	1030.2 120,00 350.00 180.00 1533.00
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE C.G.S.I. M. FODI You Miles BD UGC	tage	оист 368 348	UNIT PRICE	1030.2 120,00 350.00 180.00 1533.00
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ACCOUNT CODE 5401 5406 5402 5407 5407 5302C 124 1183 107 A	QUANITY or UNITS	PUMP CHARGE MILEAGE C.G.S.I. M. FODI You Miles BD UGC	tage	DUCT 368 368 368 358 369 369		1030.2 120,00 350.00 180.00 1533.00
ACCOUNT CODE 5401 5406 5407 5407 5407 5407 5407 5407 5407 124 1183 107 A 1402	QUANITY or UNITS	PUMP CHARGE MILEAGE C.G.S.I. M. FODI You Miles BD UGC	tage	DUCT 368 368 368 358 369 369	UNIT PRICE	1030.9 120,00 350.00 180.00 1533.00 70,35 90,30 56.00
ACCOUNT CODE 5401 5406 5402 5407 5407 5302C 124 1183 107 A	QUANITY or UNITS	PUMP CHARGE MILEAGE C.G.S.I. M. FODI You Miles BD UGC	tage	DUCT 368 368 368 358 369 369	UNIT PRICE	1030.2 120,00 350.00 180.00 1533.00

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.

RECEIVED NOV 2 6 2012



# Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083 Fax: 913-557-9084

WELL LOG Kansas Resource Exploration & Development, LLC Guetterman #KR-6 API # 15-091-23,925 November 15 - November 20, 2012

Paola, KS 66071

Thickness of Strata	Formation	Total
16	soil & clay	16
34	shale	50
	lime	56
6 5	shale	61
	lime	63
2	shale	69
6	lime	84
15	shale	93
9	lime	102
9	shale	110
8	lime	128
18	shale	145
17	lime	163
18	shale	170
7	lime	222
52	shale	247
25	lime	259
12	shale	270
11	lime	278
8	shale	285
7	lime	295
10		322
27	shale	324
2	lime	334
10	shale	353
19	lime	354
1	shale	358
4	lime	366
8	shale	389
23	lime	393
4	shale	397
4	lime	402
5	shale	407 base of the Kansas City
5	lime	583
176	shale	588 oil show
5	lime	
4	shale	592
1	lime	593
2	shale	595
1	coal	596

Guetterman #KR-6		Page 2
6	shale	602
4	lime	606
19	shale	625
3	lime	628
7	shale	635
3	lime	638
36	shale	674
1	lime	675
72	shale	747
1	broken sand	748 brown & grey, ok bleeding
4	oil sand	752 brown, good bleeding
1	broken sand	753 brown & grey, ok bleeding
1	oil sand	754 brown, ok bleeding
3	silty shale	757
22	shale	779
2	lime	781
66	shale	847
1	coal	848
9	shale	857
3	silty shale	860 white & grey
12	shale	872
1	broken sand	873 brown & grey (limey) good bleeding
1	oil sand	874 brown, good bleeding
1.5	broken sand	875.5 grey sand & Ime, light bleeding
3.5	broken sand	879 black & grey sand, good bleeding
1	lime	880
2	silty shale	882
47	shale	929 TD

Drilled a 9 7/8" hole to 23.6' Drilled a 5 5/8" hole to 929'

Set 23.6' of 7" surface casing cemented with 6 sacks of cement

Set 919' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp.