

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1147599

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:	Sec TwpS. R East West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
C C	
Purchaser:	
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	bd. 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	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:
SWD Permit #:	License #:
ENHR Permit #:	Quarter Sec Two 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	1147599
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 Sheets)		Yes No	L	-	n (Top), Depth an	id Datum Top	Sample Datum	
Samples Sent to Geolog	ical Survey	Yes No	Indi			юр	Datum	
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	ectronically	<pre> Yes □ No Yes □ No Yes □ No</pre>						
List All E. Logs Run:								
		CASING		ew Used				
		Report all strings set	t-conductor, surface, inte	ermediate, producti	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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated			e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth		
TUBING RECORD: Size:			Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed Production, SWD or ENHF			ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLE		TION:		PRODUCTION INT	ERVAL:		
Vented Sold Used on Lease		Open Hole Perf. Dually (Submit A			Comp. ACO-5)	Commingled (Submit ACO-4)				
(If vented, Submit ACO-18.)				Other (Specify)						<u></u>

CONSOLIDATED Oil Well Services, LLC			TICKET NUMB		903 <u>s</u>
PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676	FIELD TICKET & TREA CEMEN				
DATE CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COL

620-431-9210 or 800-467-8676	Fill and the second	CIAICIA I				
DATE CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
12/12/12 4448	Guettermark #KR.	I TOS	NE 19	14	22	50
CLICTOMER		18				
Kausas Resource	or Expl + Dev.	10	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			506	Fre Mad	Safety	mt
9393 W 110	, th St.		495	Harber	H-B	1
CITY	STATE ZIPCODE		370	Kei Car	120	
Overland Park	KS 66210		510	Set Tuc	ST	
JOB TYPE borg string	HOLE SIZE 578. HO	LE DEPTH	6820	CASING SIZE & W		EUL
CASING DEPTH 678	DRILL PIPETU	BING			OTHER	
SLURRY WEIGHT	DRILL PIPE TO SLURRY VOL W/	ATER gal/s	k	CEMENT LEFT in	CASING q'Z	Plug
DIODI ACEMENT SID SP	POASPLACEMENT PSI MU	X PSI		RAIE	11	
End blie	1 August Mr.	V. Rim	10 100# G	el.Flush.r	nix + Pur	np
CKC SC	1-2 A MAL NAM	in It	270 all 1	2 Pheno -	seal / S/L.	
\cap $i \neq i$	Surface Elush AN	MAK	liner cle	an Disale	ace 2t o	2/2"
nich her plugs	to casing TD.	Press	ure to 8	00 # ps/1	Release	
	Set Float Val.	ie. S	hit in Co	ising		
preseure to				0		
· · · · · · · · · · · · · · · · · · ·						

Evans Evergy Dev. Inc. - Mitchell,

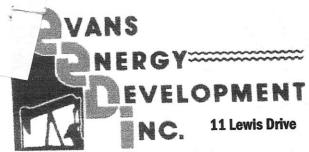
	-				
ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	l	PUMP CHARGE	485		103000
5406	30mi	MILEAGE	495		12000
5402		Casing footogo. Ton Miles			NIC
5407	Minimum	Ton Miles	548		35000
5502C	Zhrs	80 BBL Vac Truck	370		18000
1124	103 sts.	50/50 Por Mix Cement			1127,85
1118-B	274#	Premium ad		~~	5754
LLOT A	1	Pheno Seal			67 28
4402	2	2/2" Robber Plugs.			5600
			· · · · · · · · · · · ·	tot .	
				annit	50 BU
				P. C. Breek	det al
			121	and the I show the	
F	X h h		2	1 Martin Carlos	
A			7:5252	SALES TAX	9846
Ravin 3737	RUITIE			ESTIMATED TOTAL	20810
	VXAKIN		•	DATE	LJUDU
AUTHORIZIO	KINDD-	TITLE	-		

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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Mader

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Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Paola, KS 66071

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

WELL LOG Kansas Resource Exploration & Development, LLC Guetterman #KRI-18 API # 15-091-23,964 December 7 - December 12, 2012

Thickness of Strata	Formation	Total
Thickness of Strata 16	soil & clay	16
6	shale	22
8	lime	30
5	shale	35
16	lime	51
9	shale	60
8	lime	68
4	shale	72
1	lime	73
4	shale	77
	lime	93
16		113
20	shale	133
20	lime	
5	shale	138
50	lime	188
23	shale	211
10	lime	221
15	shale	236
6	lime	242
8	shale	250
12	lime	262
2	shale	264
2	lime	266
34	shale	300
24	lime	324
9	shale	333
22	lime	355
3	shale	358
3	lime	361
5	shale	366
6	lime	372 base of the Kansas City
172	shale	544
5	lime	549
4	shale	553
2	lime	555
8	shale	563
7	lime	570
14	shale	584
4	lime	588
4	shale	592
10	lime	602

Guetterman #KRI-18

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23		shale	625
2		lime	627
2		shale	629
2		lime	631
21		shale	652
1		lime	653
49		shale	702
2		broken sand	704 brown & grey, ok bleeding
6		oil sand	710 brown, ok bleeding (gassy)
2 3		broken sand	712 brown & black, light bleeding
		silty shale	715
19		shale	734
4		lime	738
25		shale	763
7		grey sand	770 no oil
32		shale	802
1		coal	803
22		shale	825
3		broken sand	828 brown sand & lime, light bleeding
3		oil sand	831 brown, good bleeding
1		broken sand	832 brown sand, few thin shale seams
			good bleeding
1		lime	833
5		silty shale	838
42		shale	880 TD

Drilled a 9 7/8" hole to 22.2' Drilled a 5 5/8" hole to 880'

Set 22.2' of 7" surface casing cemented with 6 sacks of cement

Set 870' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp.