

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1149904

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
Citv: Sta	ate: Zip:+	Feet from Feast / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
, , , , , , , , , , , , , , , , , , ,		County:
		Lease Name: Well #:
		Field Name:
C C		
Purchaser:		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: 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	o as follows:	
Operator:		Drilling Fluid Management Plan
Well Name:		(Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total Depth:	Chlorida contenti
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 TwpS. R East West
GSW	Permit #:	County: Permit #:
GSW Spud Date or Date Read Recompletion Date		County: Permit #:

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	1149904
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 Datum
Samples Sent to Geolog	ical Survey	Yes No				iop	Datam
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre>Yes No</pre> NoNoVes NoNo					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set	-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					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
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



PO

258043

TICKET NUMBER 41799

LOCATION Offama KS

FOREMAN Fred Mader

Box 884, Cha	nute, KS	66720	
431-9210 or			

FIELD TICKET & TREATMENT REPORT CEMENT

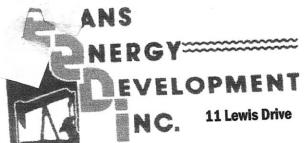
620-431-9210 or 800-467-6676		O LINE I						
DATE CUSTOMER#	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY		
4/12/13 4448	Guetterman #	KRI.20	NWZON	14	22	50		
CUSTOMER								
Hansas Resource	Expla & Dev.		TRUCK #	DRIVER	TRUCK #	DRIVER		
MAILING ADDRESS	- =/p.=		712	FreMad	Safet	nes		
9393 W 110	th St	2	495	Ha, Bec	148	d		
CITY	STATE ZIP CODE		370	ile: Car	ICC			
Overland Park	KS 66210		548	mik Haa	MH			
	HOLE SIZE 5719	HOLE DEPT	H <u>879</u>	CASING SIZE & W	EIGHT 275	EVE		
	DRILL PIPE	TUBING			OTHER			
	SLURRY VOL	WATER gal/s	sk	CEMENT LEFT in	CASINQ-24	Plug		
DISPLACEMENT 5.13 BRL	DISPLACEMENT PSI	MIX PSI		RATE SBPM		r		
DEMARKS: LI. Id O Maril	meeting. Esta	blisho	uma rat	Mix + Pu	np 200*	- Gel		
Elush, Mix+	REMARKS: Hold Crew meeting. Establish pump rate. Mix+Pump 200th Gel Flush. Mix+Pump 11/ 545 30/50 Por Mix Cement 2% Gel 1/2 the pheno							
Seal. Cement to Surface, Flush pump + lines clean. Displace								
2. 2' Rubber plugs to case TD. Pressure to 800 + PSI. Release								
pressure to set float vake. Shot in casing.								
pressore to				0				

Made 0

. Evans Energy Dev. Jac - Mitchell

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVI	CES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		103000
5406	30 mi	MILEAGE	495		120=
5402	883	Casing tootage Ton Miles			NIC
5407	Minimum	Ton Miles	548		3500
5502C	3 hrs	50 BBL 50 Vac.	370		270 -
	117 SKS	50/50 Por Mir Ce	ment		1281
1124	397 #	Promiser Cal			833
11180	59#	Phan Sol			76#
1107A 4402	2	Premium Cel Pheno Seal 25" Rubber Pluc	1		5640
		0	<u>`</u>		
			C A		
			M	COMPIL	
	AA-N-		5.	8	(3
	THI				
vin 3737	WITH		7.5257	ESTIMATED	//24
	THACTO			TOTAL	33792
UTHORIZTION	1000 -	TITLE		DATE	

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.



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

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

Paola, KS 66071

WELL LOG Kansas Resource Exploration & Development, LLC Guetterman #KRI-20 API # 15-091-23,967 April 10 - April 12, 2013

Thickness of Strata	Formation	Total
14	soil & clay	14
23	shale	37
5	lime	42
2	shale	44
11	lime	55
15	shale	70
18	lime	88
8	shale	96
17	lime	113
17	shale	130
18	lime	148
8	shale	156
50	lime	206
24	shale	230
8	lime	238
18	shale	256
6	lime	262
11	shale	273
11	lime	284
36	shale	320
3	lime	323
7	shale	330
15	lime	345
9	shale	354
23	lime	377
3	shale	380
5	lime	385
5	shale	390
4	lime	394 base of the Kansas City
174	shale	568
5	lime	573
5	shale	578
3	lime	581
4	shale	585
10	lime	595
14	shale	609
	lime	613
4	shale	614
1	coal	615
1	- COAI	÷

Guetterman #KRI-20

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Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 899'

Set 22' of 7" surface casing cemented with 6 sacks of cement

Set 883.5' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.