

Kansas Corporation Commission Oil & Gas Conservation Division

1059689

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:	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? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
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 Conv. to GSW	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 Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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 Nar	me:			_ Well #:		
Sec Twp	S. R	East West	County: _						
INSTRUCTIONS: Shortime tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shut if gas to surface tes	in pressures, whether s it, along with final charte	shut-in pressur	e reache	d static level,	hydrostatic pres	sures, bottom h	ole temperature, fluid	
Drill Stem Tests Taken (Attach Additional St	neets)	Yes No		Log	Formation	n (Top), Depth ar	nd Datum	Sample	
Samples Sent to Geolo		Yes No		Name			Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) List All E. Logs Run:		Yes No Yes No Yes No							
		CASING	RECORD	Now	Used				
		Report all strings set-		New ce, interme		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	
		ADDITIONA	L CEMENTING	/ SOUFF	ZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom Type of Cement			# Sacks Used Type		Type and I	e and Percent Additives		
1 ldg 0ll 20ll0									
Shots Per Foot		ON RECORD - Bridge Plug ootage of Each Interval Pe				cture, Shot, Cemen mount and Kind of M		Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Li	ner Run:	Yes No)		
Date of First, Resumed P	roduction, SWD or EN	Producing Met	hod:	Gas	Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	Bl	ols.	Gas-Oil Ratio	Gravity	
DISPOSITION Vented Sold (If vented, Subn	Used on Lease	Open Hole	METHOD OF CO	OMPLETIC Dually Con Submit ACO	mp. Con	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:	

County, KS Town Oil Company, Inc.
Well: Holtz #17 (913) 294-2125 Commenced Spudding: 7/05/2011
Lease Owner: Keith Crawford

WELL LOG

Thickness of Strata	Formation	Total Depth	
12	soil clay	12	
7	lime	19 Drum	
14	shale	33	
34	lime	67	
6	shale/slate	73	
22	lime	95	
3	shale/slate	98	
3	lime	101	
4	shale/slate	105	
6	lime	111	
23	shale/slate	134	
4	sand	138	
127	sandy shale	265	
5	lime	270	
10	sandy lime	280	
11	sandy shale	291	
28	shale	319	
5	lime	324	
5	shale	329	
5	lime	334	
3	shale	337	
2	coal	339	
5	shale	344	
7	lime	351	
16	shale	367	
3	lime	370	
17	shale	387	
21	lime	408	
33	shale	441	
3	lime	444	
37	shale	481	
4	sand	485	
1	sand	486	
1	sand	487	
4	sand	491	
3	sand	494	
7	sandy shale	501	
39	shale	540	

Core				
Time Elapsed	Feet	Depti	h Time	
		1	481	30
		2	482	0:00
		3	483	1:19
		4	484	1:42
		5	485	2:08
		6	486	2:51
		7	487	3:15
		8	488	3:45
		9	489	4:11
		10	490	4:41
		11	491	5:07
		12	492	5:36
		13	493	6:06
		14	494	6:34
		15	495	7:03
		16	496	7:33
		17	497	8:08
		18	498	
		19	499	
		20	500	



LOCATION Off as 9
FOREMAN Made

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

FIELD TICKET & TREATMENT REPORT CEMENT

PUMP CHARGE	DATE	CUSTOMER#	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
CUSTOMER KRICH CRAFFOLD MALINGADORES TRUCK BORNER TRUCK		2571	H0142	#17	Su 16	18	24	M;
3084 2 Indianapols STATE 2PCODE PADL ON STATE 2PCODE STATE 3D STATE 3D OTHER 1 10 25 SURRY WEIGHT SIDD MIX PSI 2DD MIX MIX PSI		Can A	2.0			Political Control	TO HOLE	2000
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JOB TYPE DUG CSIMIN HOLE SIZE 348 HOLE DEPTH 550 CASING SIZE & WEIGHT 28 CASING DEPTH 530 DIRLL PIPE TUBING OTHER IN Q 50 SURRY WEIGHT SLURRY WEIGHT SALE STAND SPLACEMENT PSI BOD MIX PSI BOD RATE SOMM PSI BOD RATE SOMM PSI BOD REAL SALE SALE SALE SALE SALE SALE SALE S	Parl a		KS	66071	0.0			-
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REMARKS: Yold crew meeting Established rate, Mixed of paragled 100 50 to flush hole, Followed by 100 50 50 mg plas 20 50. Circulated comenty, flushed promp. Tympof plas to finance of set 225. Well held 900 155 for 80 min MIT. Sex float closed value. Toma 0:1 Dirilling & water Account code quantry or units description of services or product unit price total from 100 milling to a finance of services or product unit price total from 100 milling to a finance of services or product unit price total from 100 milling to a finance of services or product unit price total from 100 milling to a finance of services or product unit price total from 100 milling to a finance of services or product unit price total from 100 milling to a finance of services or product unit price total from 100 milling total	SLURRY WEIGH	fT \$	SLURRY VOL_	WATER g	al/sk	CEMENT LEFT in	/	5
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ESTIMATED TOTAL 224		1000	Cope		,			2247.4

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.