

### Kansas Corporation Commission Oil & Gas Conservation Division

139582

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 🔲 East 🗌 West
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?
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 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:
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
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 Approved by: Date:						

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart( well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	nole temperature, fluid
Drill Stem Tests Taken Yes No (Attach Additional Sheets)			Log Formation (Top), Dep		nd Datum	Sample	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-		ermediate, producti	<u> </u>		
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 / SQL	 JEEZE RECORD			
Purpose: Depth Top Bottom Perforate Protect Casing		Type of Cement	# Sacks Used Type and Percent Additives				
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Deider Blue	- O-4/T	Asid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit )	4CO-5) (Sub	mit ACO-4)		_



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

### **WELL LOG**

Four Corners Oil, LLC Groshong #I-5 API #15-059-26,197 April 30 - May 1, 2013

Thickness of Strata	<u>Formation</u>	<u>Total</u>	
5	soil & clay	5	
15	sandstone 20		
154	shale 174		
24	lime 198		
7	shale	205	
11	lime	216	
6	shale	222	
29	lime	251	
5	shale	256	
26	lime	282	
66	shale	348	
32	lime	380	
4	shale	384	
3	lime	387	
9	shale	396	
12	lime	408	
28	shale	436	
9	lim⊕	445	
5	shale	450	
1	lime	451	
16	shale	<b>46</b> 7	
23	lime	490	
6	shale	496	
26	lime	522	
4	shale	526	
4	lime	530	
2	shale	532	
8	lime	540 base of the Kansas City	
169	shale	709	
7	lime	716	
12	shale	728	
1	coal	729	
15	shale	744	
1	lime	745	
12	shale	757	
2	lime	759	
2	shale	761	
1	coal	762	

Groshong #I-5	F	Page 2
2 1 2 1	shale lime broken sand silty shale	764 765 767 brown & grey, light bleeding 768
3 · · · · · · · · · · · · · · · · · · ·	lime shale lime shale	771 797 801 808
5 3 2	silty shale broken sand silty shale	813 green 816 brown & green, minimal bleeding 818
7 2 7 17	broken sand oil sand broken sand oil sand	<ul><li>825 brown &amp; green, ok bleeding</li><li>827 brown, good bleeding</li><li>834 brown &amp; green, laminated, good bleeding</li><li>851 brown, good bleeding,</li></ul>
2 1 1 3	broken sand silty shale broken sand black sand	few thin grey shale seams 853 brown & grey, ok bleeding 854 855 brown & grey, good bleeding 858 no oil
3 1 1 6 2	silty shale broken sand shale oil sand	859 860 brown & grey, good 866 868
1 10 4 2 71	borken sand shale oil sand broken sand shale	869 brown, good bleeding 879 brown & grey, ok bleeding 883 brown, good bleeding 885 brown & grey, no oil 956 TD

Drilled a 9 7/8" hole to 21.1' Drilled a 5 5/8" hole to 956'

Set 21.1' of 6 5/8" surface casing, cemented with 6 sacks cement.

Set 946' of use 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 baffle and 1 clamp. Baffle set 6' from bottom of tally



258499

LOCATION O Hawa KS
FOREMAN Fred Waller

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

# FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL NAME & NUN	MBER	SECTION	TOWNSHIP T	RANGE	COUNTY
		11 1 1					
5/1/13		Grashang # 7		NE 23	15	20	L ABS FR
CUSTOMER	$\bigcap$	eus Oil			and the second		700
Fou	v Corn	eus 0:1		TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	200			713	Fre Mad	Safet	more
476	4 Tenn	esseu Rd.		495	Har Boc	HB V	0
CITY P. O. T.	ox 638	STATE ZIP CODE		369	Der Mas		
Wei	ls ville	KS 66092		510	SexTuc .		
JOB TYPE		HOLE SIZE	HOLE DEPTH	1 956	CASING SIZE & W	EIGHT 27/8	EVF
CASING DEPTH	946	DRILL PIPE Blackton	_TUBING	740'		OTHER	
SLURRY WEIGH	łT	SLURRY VOL	WATER gal/s	sk	CEMENT LEFT in	CASING 25"	Plugt 6
		DISPLACEMENT FISI					
REMARKS: /	old crew	Pumps 135 5	lish pur	no rate. V	Mir+ Pump	200 tal	
Flust	1. 17/1/x x	Pumpo 135 5	KS 50/	50 POEMI	x Coment	2% Cal.	
Ceme	ux to S	orface. Flush	DUMP *	lines cleo	m. Displo	ce 2/2"	
rubb	per plus	to a boffle	in cas	ry Pre	seuve to	800 FS	1
Holo	K Moni	for pressure	tor 30	911. Sc. VI	MIT. Roll	ooce pre	SEUVE
tos	ex floo	* Value. Shut	in cas.	Ng.			
						14	
£u	ans Ene	ray Dev. Inc -	M. te hel	u.	tuo	Modu	
1400 T		18					
ACCOUNT	QUANITY	or I WITS	ESCRIPTION of	SERVICES or PRO	ODUCT	UNIT DDICE	TOTAL

CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE 755		108500
5406	20 mi	MILEAGE \$75		8400
5402	946	Casing Footoge Ton Miles. 510 \$		NIC
5407	M. Si mom			3689
5502C	1/2h-	80 BBC Vac Truck 369		/35
1/24	135545	50/50 Por Mix Coment		1552 50
111813	427*	Promion bel		93 94
4402		Promium bel 22" Rubber Plug		2950
	0.0	1119 Nul 1000 270 Cash	69.57	
	1 and	Less 2% Cash		3347.94
	· fre	3 Allo	3409 9	- 66.97
	0 5/11	A Alvant		3280.97
		7183	SALES TAX	128.12
vin 3737	$\bigcirc$	1	ESTIMATED	3409,09

l 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