

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1074103

45 000 05047 00 00

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 #	32461		API No. 15 - 15-003-25017-00-00
Name: Tailwater,			Spot Description:
	NDALE DR STE 212		NW_NE_NE_SW Sec. 22 Twp. 20 S. R. 20 Fast West
Address 2:			
		ip: 73116 _{+ 6428}	Feet from East / 🗹 West Line of Section
Contact Person: Chris			Footages Calculated from Nearest Outside Section Corner:
Phone: (405) 81		·	□ NE □ NW □ SE ☑ SW
CONTRACTOR: Licens			County: Anderson
	y Development, Inc.		Lease Name: South Kempnich Well #: 14-T
Wellsite Geologist: n/a			Field Name:
ū			Producing Formation: Squirrel
			Elevation: Ground: 962 Kelly Bushing: 0
Designate Type of Comp			Total Depth: 732 Plug Back Total Depth:
New Well	Re-Entry	Workover	Amount of Surface Pipe Set and Cemented at: 22 Feet
☑ Oil ☐ V	_	Slow	
∐ Gas ∐ □	<u> </u>	SIGW	Multiple Stage Cementing Collar Used? Yes V No
□ og	☐ GSW	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Me	,		If Alternate II completion, cement circulated from:
☐ Cathodic ☐ C	Other (Core, Expl., etc.):		feet depth to: 22 w/ 4 sx cmt
If Workover/Re-entry: O	ld Well Info as follows:		
Operator:			Drilling Fluid Management Plan
Well Name:			(Data must be collected from the Reserve Pit)
Original Comp. Date:	Original 1	Total Depth:	Chloride content: 0 ppm Fluid volume: 0 bbls
Deepening	Re-perf. Conv. t	o ENHR	Dewatering method used: Evaporated
	Conv. t	o GSW	Dewatering method used:
Plug Back:	PI	ug 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 #:
09/01/2011	09/02/2011	09/02/2011	
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:	l
Confidential Release Date:	l
☑ Wireline Log Received	
Geologist Report Received	l
UIC Distribution	١.
ALT I I II Approved by: Deanne Garrison Date: (02/15/2012	ĺ

Side Two



Operator Name: Tailw	vater, Inc.			_ Lease N	lame: _	South Kemph	icn	_ Well #:14	-	
Sec. 22 Twp. 20	s. R. <u>20</u>	✓ East		County:	Ande	rson				
instructions: Show time tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shu if gas to surface te	it-in pressu est, along v	ures, whether st vith final chart(s	hut-in press	sure read	ched static level,	hydrostatic pres	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	Y6	es √ No		V L	og Formatio	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geolo	gical Survey	□ Ye	es 🗸 No		Nam Attach			Top Attached		Datum ttached
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	☐ Ye ✓ Ye	es 🗌 No							
List All E. Logs Run: Gamma Ray Neutron			•							
Ganina Ray Neuron								· · · · · · · · · · · · · · · · · · ·		
		Repo		RECORD conductor, su	√ Ne Irface, inte	ew Used ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled	Siz	ze Casing t (In O.D.)	Weig Lbs. /	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
surface	9.8750	7		17		22	Portland	4		
completion	5.6250	2.8750		6.45		723	Portland	108	50/50	POZ
r	1	1	ADDITIONAL	CEMENTIN	NG / SQI	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement			s Used , Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone	-									
1 ldg 011 20110	-									
Shots Per Foot			RD - Bridge Plug Each Interval Per				cture, Shot, Ceme mount and Kind of M		rd	Depth
,										
TUBING RECORD:	Size:	Set At	:	Packer A	ıt:	Liner Run:	Yes N	0		<u> </u>
Date of First, Resumed F	Production, SWD or El	NHR.	Producing Met	hod:	ıg [Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wa		Bbls.	Gas-Oil Ratio		Gravity
DISPOSITIO			-	METHOD OF			mmingled	PRODUCT	ON INTER	(VAL:
Vented Sold	Used on Lease		Open Hole	Реп.	(Submit		omit ACO-4)			

X

Form	ACO1 - Well Completion	
Operator	Tailwater, Inc.	
Well Name	South Kempnich 14-T	
Doc ID	1074103	

Tops

Repr. te		(Da13.00)			
278	lime	base of the KC			
478	shale	lite oil show			
484	sand	green sand, lite oil show			
512	oil sand	good bleeding, green sand			
525	shale	green sand, ok bleeding			
633	oil sand	ok bleeding, brown sand			
670	lime & shells	brown sand, ok bleeding			
675	oil sand	good bleeding brown sand			

a	CONSOLIDATE OF WHAT SERVICES
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PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

020-431-3210 01 000-467-0676				CEMEN	Π	•			
DATE	CUSTOMER#	WELL NAME &	NUN	BER	SECTION	TOWNSHIP	RANGE	COL	NTY
9/2/11	7806	So Kempnich	¥	14.7	SW 22	20	20	13	N
CUSTOMER		•			V 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	L. P. W. Commission	150000000000000000000000000000000000000	(ALEXA)	11:00
L	aid water	- Inc			TRUCK#	DRIVER	TRUCK#	DRI	VER
MAILING ADDRESS					506	FREMAD	Soleti	nex	
649	1 Avond	ale Dr.			495	CASKEN	110	-	
СПҮ	* :	STATE ZIP CODE	1.		548	DERMAS	na	1	
	na City	OK 7311	þ		505/1106	HARBER	1-71		1
JOB TYPE 1	mestrain	HOLE SIZE 576		HOLE DEPTH	1_232	CASING SIZE & W		EUF	
CASING DEPTH	1 23	DRILL PIPE	1	_TUBING			OTHER		
SLURRY WEIGH	нт	SLURRY VOL	Τ.	WATER gal/s	k	CEMENT LEFT In	CASING_コギ	Plu	
DISPLACEMEN	T_4.19	DISPLACEMENT PSI	1	MIX PSI		RATE HAPM			
REMARKS:	Establish	rate - Mixi Pin	مله	100	remium a	al Flush.	Mixx Pu	. ض	
108	sks 50/5	& Por Mix Cer	ú	1 2% Ca	e Cemes	X to Surto	ce. Flu	sh	· ·
pum	ex lines	clean. Displace	عل	are" Rub	ber Plus	to rasing	TOW	1.19	
385	Fresh.	water, Pressu	rd	to 700°	481. Role	se Pressy	re to se	\$	
Floa	y value	Shur m cash	ł			1.4			
		<i></i>							
			:		:			i	1
Eva	A Encro	Dow. Inc. (I	ra	ශර	i	10			,
						Fud M	20.		
	,								

	*			•	
ACCOUNT	QUANITY OF UNITS	DESCRIPTION of SERVICES OF P	RODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	·	775 do
5406	_0.	MILEAGE Trucks an losse	495		MC
5402	723	Casha footage.			N/C
540 7	1/2 Minimus	Ton miles	548		16500
5301	/ hv	Transport	505/1106	·	1120
				,	11286
1124	108 513	50/50 Por Mix Cement			564
11188	285#	Premium (rel.			
4402	,	25 Rubber Plug	<u>;</u>		2500
		<i>t</i>	<u>:</u>	·	
<u> </u>			<u>:</u>		<u> </u>
			1	10	
				11/100	1 1
				W.	
				<u> </u>	1
	 		7.6%	SALES TAX	9461
Revin 3737	1			ESTIMATED	2559 6
	1		•	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.

TITLE