KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: Licen	32461 Se #		APINO	o. 15 - ⁰⁹¹⁻²³³⁸⁵ - 000 D
Tailwater, I			Country	" Anderson Johnison !
	ondale, Ste 212		SE _se	e Sec. 33 Twp. 14 S. R. 22
	klahoma City, OK 783116		מומנ	feet from (S) / N (circle one) Line of Section
-	Fnerov		4288	•
Operator Contact	Christian I Martin			feet from (E) / W (circle one) Line of Section
Phone: (405			Footage	pes Calculated from Nearest Outside Section Corner:
	_	zy Dev.		(circle one) NE (SE) NW SW Sala 24-T
License:	_	, ,	f	Name: Well #:
		· · · · · · · · · · · · · · · · · · ·	İ	lame:
· ·			Produci	on: Ground: Kelly Bushing: n/a
Designate Type o	·			
	Re-Entry		I	epth: Plug Back Total Depth:
	SWD SIOW	Temp. Abd.	Amount	it of Surface Pipe Set and Cemented at 25.2 Fe
Gas	ENHR SIGW		Multiple	e Stage Cementing Collar Used?
Dry	Other (Core, WSW, Ex	φl., Cathodic, etc)		show depth setFe
If Workover/Re-er	ntry: Old Well Info as follow	rs:		nate II completion, cement circulated from
Operator:	· · · · · · · · · · · · · · · · · · ·		feet dep	pth to w/_ 6 sx cr
Well Name:				
Original Comp. Da	ate: Original	l Total Depth:		g Fluid Management Plan AH II NUL 2-25-1 ust be collected from the Reserve Pit)
Deepening	g Re-perf	Conv. to Enhr./SWD	Chloride	e contentppm Fluid volumebt
Plug Back	د ا	Plug Back Total Depth	_	
Comming!	led Docket No)		ering method used
Dual Com	pletion Docket No)	Location	n of fluid disposal if hauled offsite:
Other (SW	/ /D or Enhr.?))	Operato	or Name:
11/24/09	11/25/09		Lease N	Name: License No.:
Spud Date or	Date Reached TD	12/18/09 Completion Date or	Quarter.	r Sec TwpS. R
Recompletion Dat	e	Recompletion Date		Docket No.:
Kansas 67202, Information of si 107 for confiden	within 120 days of the spuide two of this form will be he tiality in excess of 12 months	ud date, recompletion, worko eld confidential for a period of s). One copy of all wireline log	ver or conver 12 months if is and geologis	s Corporation Commission, 130 S. Market - Room 2078, Wichita, rsion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If requested in writing and submitted with the form (see rule 82-3-ist well report shall be attached with this form. ALL CEMENTING P-111 form with all temporarily abandoned wells.
All requirements o	of the statutes, rules and rec	gulations promulgated to regu	late the oil an	nd gas industry have been fully complied with and the statemer
herein are comple	te and correct to the best of	f my knowledge.		5 - And the statement
Signature!!!!!!!!!!	Hylliness 5 N	Varter		KCC Office Use ONLY
Signal Went wing	The Contract of the Contract o	2 - 4 - 7 - 4		RCC Office use ONLY
Title Son	651.3 A E	_ Date: <u> </u>	<u> </u>	Letter of Confidentiality Received
Sugaritied and Sy	gon to be greene this	Zday of Jeb		If Denied, Yes Date:
20 1 人 数 0	OF T	1 .		Wireline Log Received RECEIVED
THE TANK THE PERSON NAMED IN COLUMN TO PERSO	PUBLICATION),	1. 1		Geologist Report Received
Notary ATE	OF CHILITING	Jenes -		UIC Distribution FEB 2 2 201
Date Commission	Expires:	-0013		KC MOUT

Tai	lwater, Inc.			Leas	e Name:_	Sala		24-T Well #:		
Sec. 33 Twp. 1	4S. R. 22	x East	: West	Count	Anders					
INSTRUCTIONS: S tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shut s if gas to	-in pressures, surface test, a	whether s long with	shut-in pre	essure reached s	static level, hydros	static pressur	es, bottor	n hole
Drill Stem Tests Taken				Log Formation (Top), Depth and Datum Sam			Sample			
		☐ Ye	es 🗹 No	Name			Тор		Datum	
Cores Taken		☐ Ye		Bartlesville Driller's Log attached						
List All E. Logs Run:										
Gamma Ray/Neut	Gamma Ray/Neutron									
		Repo		RECORD		ew Used ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled	Siz	Size Casing Set (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		
Surface					,,,	25.2'	Portland	6		
Completion 5 5/8"		2 7/8"		8		899.1'	Portland	160	50/50 POZ	
										
		T	ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement			#Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD										
Plug Off Zone										
<u></u>	PERFORATI	ON BECOE	D Pridge Dlue	o Cot/Time		Acid From	atura Chat Camant	Sauceza Book	-d	
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
2	840.5' - 854.5' (30 perfs)					Acid spot 7.5% HCL 75 gal.				
						125 bbls H2O; 25	sacks sand			
TUBING RECORD Size Set At Packer At Liner Run 2 7/8" 899.1'										
Date of First, Resumerd Production, SWD or Enhr. 12/18/09 Producing Method			hod	Flowing	g 🗹 Pumpir	ng 🔲 Gas Lift	Oth	er (Explain,)	
Estimated Production Per 24 Hours	Oil 10	Bbls.	Gas 0	Mcf	Wate n/a	er Bl	bls. G	as-Oil Ratio ne		Gravity
Disposition of Gas METHOD OF COMPLETION Production Interval										
Vented Sold	Used on Lease		Open Hole Other (Speci	✓ Per	rf. [][Dually Comp.	Commingled	w .		



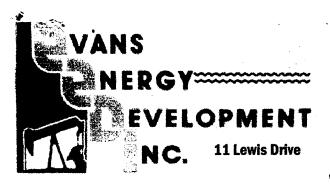
TICKET NUMBER LOCATION D ++ a wa FOREMAN Alan adei

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

FIELD TICKET & TREATMENT REPORT

CEMENT DATE CUSTOMER# WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY CUSTOMER (1/) different La TRUCK# DRIVER TRUCK# DRIVER MAILING ADDRESS 516 lan ZIP CODE STATE OK 73116 long string HOLE SIZE HOLE DEPTH_ 917 CASING SIZE & WEIGHT CASING DEPTH DRILL PIPE TUBING OTHER **SLURRY WEIGHT** SLURRY VOL WATER gal/sk **CEMENT LEFT IN CASING** DISPLACEMENT S DISPLACEMENT PSI 800 MIX PSI REMARKS: ollowed

		/Y	Sen JU	were.
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE		870.00
5406		MILEAGE		
3402	898	1 as ine footage		-
5407A	171.15	I ton miles		198.53
35021	2	80 vac		188.00
1118/18	374#	901		59.84
1124	1605x	50156 007		1480,0
4403		21/2 plus		2290
	,	4		
		NO# 232171		
				. •
		KECEWED		
avin 9737			SALES TAX	99.96
avin 3/3/	1 /	FEB 5 5 5	ESTIMATED TOTAL	791838
AUTHORIZTION ()	an by phon	te TITLE_KCC WICHITA		
ACTHORIZION TO	NV TONO	TITLE WILLIAM WILLIAM	DATE	



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc. Sala #24-T

API 15-091-23,385

November 24 - November 25, 2009

Thickness of Strata	<u>Formation</u>	<u>Total</u>
23	soil & clay	23
8	shale	31
8	lime	39
9	shale	48
9	lime	57
8	shale	65
19	lime	84
17	shale	101
. 25	lime	126
32	shale	158
7	lime	165
33	shale	198
7	lime	205
7	shale	212
7	lime	219
21	shale	240
18	lime	258
47	shale	305
9	lime	314
3	shale	317
15	lime	332
9	shale	341
20	lime	361
174	shale	535
2	lime	· 537
17	shale	554
6	lime	560
3	shale	563
4	lime	567
7	shale	574
11	lime	585
13	shale	598
5	lime	603
15	shale	618
4	lime	622
29	shale	651
4	lime	655
8	shale	663
O	Sildic	003

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Sala #24-T	Page 2			
5	lime	668		
57	shale	725		
5	lime	730		
7	sand	737 light brown, light oil show		
13	shale	750		
4	lime	754		
9	shale	763		
5	lime	768		
28 .	shale	796		
5	lime	801		
13	shale	814 *		
2	lime	816		
4	shale	820		
4	lime	824		
17	shale	841		
8	oil sand	849		
6	broken sand	855 good bleeding		
8	silty shale	863		
47	shale	910 TD		

Drilled a 9 7/8" hole to 25.2' Drilled a 5 5/8" hole to 910'.

Set 25.2' of threaded and coupled 7" surface casing cemented with 6 sacks of cement.

Set 899.1' of threaded and coupled 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, and 1 clamp.

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