Confidentiality Requested: Yes No

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form ACO-1 August 2013 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			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()	□NE □NW □SE □SW			
CONTRACTOR: License #	GPS Location: Lat:, Long:			
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)			
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84			
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
☐ New Well ☐ Re-Entry ☐ Workover	Field Name: Producing Formation:			
□ Oil □ WSW □ SWD □ SIOW				
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:			
GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet			
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No			
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet			
Operator:	If Alternate II completion, cement circulated from:			
Well Name:	feet depth to: w/ sx cmt.			
Original Comp. Date: Original Total Depth:				
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan			
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)			
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls			
☐ Commingled Permit #:	Dewatering method used:			
SWD Permit #:	Location of fluid disposal if hauled offsite:			
ENHR Permit #:	·			
GSW Permit #:	Operator Name:			
	Lease Name: License #:			
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec. TwpS. R East West 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						
Confidentiality Requested						
Date:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II III Approved by: Date:						

CORRECTION #1

Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	ronic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
	2	1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used	Type and Percent Additives				
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 011 20110										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD Footage of Eac					cture, Shot, Cement			epth
	open,					,,				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. F	Producing Met	hod: Pumpin	a	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	I Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	West Whiteside 7-T
Doc ID	1268290

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.8750	7	25	24	Portland	6	
Completio n	5.6250	2.8750	6.45	722	Portland	110	50/50 POZ

Summary of Changes

Lease Name and Number: West Whiteside 7-T

API/Permit #: 15-003-26053-00-00

Doc ID: 1268290

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	04/03/2014	10/20/2015
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 97680	//kcc/detail/operatorE ditDetail.cfm?docID=12 68290
Well Type	OIL	EOR



Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1197680

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

DPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
Dity: State: Zip:+ _	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□ NE □ NW □ SE □ SW
CONTRACTOR: License #	
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Nellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Oil WSW SWD SIO	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGN	Total Vertical Depth: Plug Back Total Depth:
	p. Abd. Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
f Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Vell Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to	SWD Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to	Producer (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
□ Commingled Permit #: □ Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
ENHR Permit #:	· · · · · · · · · · · · · · · · · · ·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date	QuarterSecTwpS. R East West
Recompletion Date Recompletion E	

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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

KOLAR Document ID: 1197680

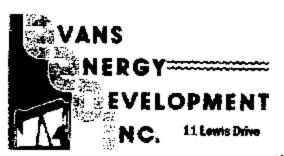
Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	E	ast West	County:					
INSTRUCTIONS: Show important tops 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.									
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample	
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		B	CASING eport all strings set-c		New Used	ion, etc.			
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD				
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	# Sacks Used Type and Percent Additives				
Perforate Protect Casi Plug Back T									
Plug Off Zor									
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,	
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom	
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record	
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:					
TODING RECORD:	. 3126.	Set	n.	i donei Al.					

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	West Whiteside 7-T
Doc ID	1197680

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.8750	7	25	24	Portland	6	
Completio n	5.6250	2.8750	6.45	722	Portland	110	50/50 POZ



Oll & Gas Well Drilling Water Wells Geo-Loop Installation

> Phone: 913-557-9983 Fax: 913-557-9064

Paela, KS 66071

WELL LOG Tailwater, Inc. West Whiteside #7-T API#15-003-26,053

December 4 - December 5, 2013

Thickness of Strata	<u>Formation</u>	Total
3 3	lime	33
127	shale	160
26	lime	186
13	shale	199
6	lime	205
45	shale	250
12	lime	262
6	shale	268
32	lime	300
8	shale	308
18	lime	326
3	shale	329
22	āme	351 base of the Kansas City
173	shale	524
2	time	526
5	shale	531
7	time	538 of show
7	shale	545
15	broken sand	560 brown & green, light show
1	COS	561
17	sand	578 grey, no oil show
7	oil sand	585 green light bleeding
5	broken sand	590 brown grey light bleeding
2	coal	592
23	shal e	615
4	lime	619
17	shale 	638
8	lime	644
18	shale	662
2	lime	664
3	shale	667
1	coal	668
9	shale	677
2	lime	679
12	shale	691
1	sand	692 brown & green, oil odor
1	broken send	693 brown & green, no bleeding
1.2	oil sand	694.2 brown, a few bleeding seams

MARTIN DIL PROPERTIS RECEIVED 04/03/2014 13:08 4058100012 913-557-9084

p.2

Apr 03 14 11:46a Evans Energy Development

Page 2

1.8

West Whiteside #7-T

silty shale

696

35 .

shale

731 TD

Drilled a 9 7/8" hole to 23.7'. Orilled a 5 5/8" hole to 731".

Set 23.7" of 7" surface casing cemented with 6 sacks of cement

Set 721.4' of 2.7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.

RECEIVED 04/03/2014 13:08 4050100012

MARTIN DIL PROPERTIS

Apr 03 14 11:46a Evans Energy Development

913-557-9084

о.З

West Whiteside #7-T

Page 3

	Core Samp	ole
	<u>Minutes</u>	Seconds.
695	1	4
696		50
697	1	2
698		50
699		51
700	1	23
701	1	41
702	1	7
703	1	36
704	1	46
7D5	1	22

CONSOLIDATED OH WAIL SADVICES, LLG

REMIT TO

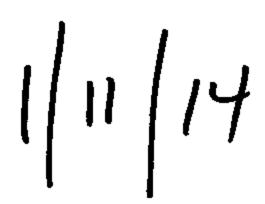
Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346 MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-9676 Fax 620/431-0012

INVOICE # 264648

Invoice Date: 12/11/2013 Terms: 0/0/30,n/30 Page 1

TAILWATER, INC. 6421 AVONDALE DRIVE, SUITE 212 OKLAHOMA CITY OK 73116 (405)810-0900 W. WHITESIDE 7-T 44917 SW 21-20-20 12-06-2013 KS

Part Number 1124 1118B 4402	Description 50/50 POZ CEMENT MIX PREMIUM GBL / BENTONITE 2 1/2" RUBBER PLUG	Qty 110.00 285.00 1.00	Unit Price 11.5000 .2200 29.5000	Total 1265.00 62.70 29.50
Description		Hours	Unit Price	Total
369 80 BBL VACUUM	TRUCK (CEMENT)	1.50	90.00	135.00
495 CEMENT PUMP		1.00	1085.00	1085.00
495 EQUIPMENT MIL	EAGE (ONE WAY)	25.00	4.20	105.00
495 CASING FOOTAGE	E	721.00	.00	.00
558 MIN. BULK DEL	IVERY	.50	368.00	184.00



========							
Parts:	1357.20	Freight:	.00	Tax:	103.83	AR	2970.03
Labor:	.00	Misc:	.00	Total:	2970.03		
Sublt:	.00	Supplies:	.00	Change:	.00		!
				_			



A 24 . .

264648

TICKET NUA				
LOCATION_	0×40	يوارسرون	አs	
FOREMAN	Fre.	1 min	· «/-	

TOTAL

DATE

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

520-431-9210	or 800-467-8676	;		CEME	NT			
DATE	CUSTOMER#		L NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
12-6-13	7806	พาแห	tesiac #	フ-丁_	राग डा	20		AN
CUSTOMER	ع م الحد س	T		1	TRUCK#	DRIVER	TREIONA	DOU 450
MAJUNG ADDRE	SS SS	-44 C		-{		" _ =	TRUCK#	DRIVER
		4 No.			712 495	Fre Mad Har Bec	·	
CITY · · · · · · · · · ·	Avondo	STATE	ZIP CODE	†	369	Jus Ric	-	
Old Sea	CHA	OK	73/16		55 Y	_		<u> </u>
<u>Okļako</u> JOBTYPE <u>LO</u>	70.4	HOLE SIZE		J HOLE DEPT	nH23_/	Max (ac Casing size & W	Sigur 2%	E 45
	~ ~ ~ ~ ·	BBILL DIDE		TURING			ATUED	•
CASING DELTIN		SHIRRY VOL		WATER nai	lek	CEMENT LEFT In	CARING 3%	Ø/w
DISPLACEMENT	4.19BBt	DISPLACEMEN	IT PSI	MIX PSI		RATE 5000	n direction of the second	7.7
						rate. M		¥
Cat	<u>.⊬. / 2</u>	M5. 4 B.	The ray	~ < 64	SOLED PO	Mix Cem	- 4 2 2 7	190-
/ 2.4	X T-	500-	F 1	US 16 1	4 m A 1 h	es clean.	N to alace	<u>. </u>
23	" Dubber	alue de		73. 8	Pensence +	D 800# PS	Rolers	
	S.S. U.Y.E	Fo cox	Floor	Various	ShuYba	Losky.	1 /1/100	<u>-</u>
7000	S.5 D 7 E	7 9 5 9	1000	VICA IV C	1,000,00	<u> </u>	·	
11.30	H. 14 D.	COE \$.1500 (en Casi	. Lazi	33 min M	AIT		
~ 10 Hz	- 170 IX TX	2350+6	// 	7 3, 1	7 - MIN	4	·	··
Fun	ms Ener	rea Davis	T. 1. 7	CA U S		J. 1000	D.	
	yes Eyes	77 0-00	, <u>, , , , , , , , , , , , , , , , , , </u>	7 4 8 7 3		73100		
ACCOUNT CODE	QUANITY	or UNITS	OE	SCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401		· 1	PUMP CHARG	BE				/085°
5406	٠,	25mi	MILEAGE	,-				/৭র ^{শু}
5402		21	Casir	4 footog	70			26
5407	4 1/2 Min	mon	Ton	Miles				18400
55000		12 hr	80 8	BL Vac	Truck			/35 <u>°</u>
	-							_
1/24		110525	50/50 /	a Wix	Coment			1265
11188		85#						/ 57
4402		/	22 "	Rubber	Plus			295
<u> </u>		,	7.2.2	W 00-41				
			1		-			
			† 			-		
			<u> </u>			· .	-	
		·····	<u> </u>			CO CO A	A I A I &	 ·
"						- TO CA	NNED	<u> </u>
	_				<u></u> .			
			 	•	•			
		· · · · · · · · · · · · · · · · · · ·	† 			7.15%	SALESTAV	103 8.
lavin 3732	L. 		 -			11000	SALES TAX	103 =

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 sarvice on the back of this form are in effect for services identified on this fo