Kansas Corporation Commission Confidentiality Requested: OIL & GAS CONSERVATION DIVISION Yes No

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 🔲 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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ 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
Dual Completion 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	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	Countv: 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 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	□No		Nam	е		Тор	Datum	1		
Cores Taken Electric Log Run	☐ 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 F	ercent Additives		
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
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	Wittman 13-IW
Doc ID	1297940

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.8750	7	17	23	Portland	6	
Production	5.6250	2.8750	6.45	763	Portland	115	50/50 POZ

Summary of Changes

Lease Name and Number: Wittman 13-IW

API/Permit #: 15-003-26038-00-00

Doc ID: 1297940

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	04/04/2014	03/17/2016
CasingAdd_Type_PctP DF_2	50/50 POZ`	50/50 POZ
CasingPurposeOfString PDF_2	Completion	Production
Electric Log Run?	No	Yes
Elogs_PDF		Gamma Ray/Neutron
Formation Top Source - Log	No	Yes
Lease Name	Teter	Wittman
LocationInfoLink	https://kolar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu/kcc/detail/locationInform
Method Of Completion - Perf	ation.cfm?section=16&t No	ation.cfm?section=16&t Yes

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Number of Feet East or West From Section Line	990	1012
Number of Feet North or South From Section Line	1485	1255
Perf_Depth_1		714
Perf_Material_1		shot
Perf_Record_1		704-714
Perf_Shots_1		2
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11	//kcc/detail/operatorE ditDetail.cfm?docID=12
TopsDepth1	97723 Kansas City	97940 unknown
TopsName1	Teter 13-1W	Kansas City



Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1197723

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

OPERATOR: License #		API No. 15					
Name:		Spot Description:					
Address 1:		SecTwpS. R					
Address 2:		Feet from North / South Line of Section					
City: State: 2	Zip:+	Feet from _ East / _ West Line of Section					
Contact Person:		Footages Calculated from Nearest Outside Section Corner:					
Phone: ()		□NE □NW □SE □SW					
CONTRACTOR: License #		GPS Location: Lat:, Long:					
Name:		(e.g. xx.xxxxxx) (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	Elevation: Ground: Kelly Bushing:					
☐ Gas ☐ D&A ☐ ENHR☐ OG ☐ GSW	☐ SIGW	Total Vertical Depth: Plug Back Total Depth:					
☐ OG ☐ GSW ☐ CM (Coal Bed Methane)	Temp. Abd.	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							
Deepening Re-perf. Conv. to I	<u>.</u>	Drilling Fluid Management Plan					
	GSW Conv. to Producer	(Data must be collected from the Reserve Pit)					
	_	Chloride content:ppm Fluid volume:bbls					
		Dewatering method used:					
		Downtoning motion dood.					
		Location of fluid disposal if hauled offsite:					
		Operator Name:					
GSW Permit #:		Lease Name: License #:					
Canad Data as Data Data LTD	Completion Data and	Quarter Sec Twp S. R					
Spud Date or Date Reached TD Recompletion Date	Completion Date or Recompletion Date	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:							

KOLAR Document ID: 1197723

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken										
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia Percent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	Teter 13-IW
Doc ID	1197723

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth			Type and Percent Additives
Surface	9.8750	7	17	23	Portland	6	
Completio n	5.6250	2.8750	6.45	763	Portland		50/50 POZ`

Consolidated Olf Wiell Sandcas, LLC

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 · 1-800/467-8676 Fax 620/431-0012

Invoice # 264955 INVOICE _______

Invoice Date: 12/26/2013 Terms: 0/0/30,n/30 Page

TAILWATER, INC. 6421 AVONDALE DRIVE, SUITE 212 OKLAHOMA CITY OK 73116

(405)810-0900

TETER 13-IW 44927 SB 16-20-20 12-18-2013

KS

Qty Unit Price Total Part Number Description 11.5000 1322.50 50/50 POZ CEMENT MIX 115.00 1124 393.00 .2200 86.46 1118B PREMIUM GEL / BENTONITE 29,5000 29.50 2 1/2" RUBBER PLUG 1.00 4402 Total Hours Unit Price Description 368.00 1.00 368.00 548 MIN. BULK DELIVERY 80 BBL VACUUM TRUCK (CEMENT) 2.00 90.00 180.00 675 1085.00 1085.00 1.00 57 CEMENT PUMP 25.00 4.20 105.00 57 BQUIPMENT MILEAGE (ONE WAY) .00 764.00 .00 57 CASING FOOTAGE

.00 Tax: 110.04 AR 3286.50 1438.46 Freight: Parts: .00 Total: 3286.50 .00 Misc: Labor:

.00 .00 Change: Sublt: .00 Supplies:

Date Signed THAYER, KS CUSHING, OK 918/225-2650 EL DORADO, KS EUREKA, KS PONCA CITY, OK OAKLEY, KS OTTAWA, KS GILLETTE, WY BARTLESVILLE, OK 918/338-0808 620/583-7664 580/762-2303 785/672-6822 785/242-4044 B20/839-5269 307/686-4914 316/322-7022



Consolidated

Qil Wali Sarvisis, LLG

264955

TICKET NUMBER_	44927
LOCATION OHau	x, <i>[</i> S
FOREMAN Coses	teunels

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5400 25 mi MILEAGE 5402 764' Casing Botage 5707 minimum ton mileage 55000 2 hrs 80 (oc (80.0) 1124 115 ds 5/50 Pozmix coment 11320.5 118B 393 # From in Gel 2/3" abber phg 1300 2755 1402 1 2/3" abber phg 1400 2 1 2/3" abber phg		 	· · · · · ·	PUMP CHAR	 3E			<u> </u>	1685 ∞
5402 764' Completed 5402 764' Completed 5402 764' Completed 55000 2 hrs 80 (bc (80.0) 1124 115 to 9/50 Pozurix countent 1320.5 1118B 393 # From in Gel 2/2" reliber plus 1402 1 2/2" reliber plus 1552 SALESTAX 110.00		1 0/				· · · · · · · · · · · · · · · · · · ·		1	165,00
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1124 115 \$5 \$760 Poquix coment 1320.5 1118B 393 # From ion Gel 86.4 4402 1 2/3 "abber plus T. COMPLETE 7.652 SALESTAX 110.05							<u> </u>		
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1 2/3 " abber plug 25.5" TOMPLEU 7.652 SALES TAX 110.05	1118B	<u>393</u> .	# <u> </u>	Fromi	JIM Gel				0.46
7.652 SALESTAX 110.04		1 (2/2"0	chber ph	<u> </u>		<u> </u>	25.50
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	Bavin 3737								3,286.5

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.



Oli & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc. Teter #13-IW API#15-003-26,038

December 13 - December 16, 2013

Thickness of Strata	Formation	Total
16	soil & clay	16
104	shale	120 157
37	lime	
26	shale	183
7	lime	190
31	shale	221
12	lime	233
4	shale	237
35	lime	272
7	shale	279
21	lime	300
4	shale	304
17	lime	321 base of Kansas City
170	shale	491
5	lime	496
4	shale	500
7	lime	507 oil show
6	shale	513
6	sand	519 green no oil
14	oil send	533 brown ok bleeding
6	silty shale	539
5	shale	544
13	oil sand	657 green ok bleeding
1	shale	558
2	coal	560
5	shale	565
6	lime	571
6	shale	577
2	lime	579
9	shal e	588
2	lime	590
22	shale	612
8	time	620
4 5	shale	665
10	sand	675 green no oil show
30	shale	702
1	lime & shells	703
8	oil sand	711 brown good bleeding
2	broken sand	713 black & brown good bleeding

9	silty shale	722
5	sand	727 black no oil show
23	shale	750
24	broken sand	774 brown & grey no oil show

Drilled a 9 7/8" hole to 22.4". Drilled a 5 5/8" hole to 774".

Set 22.4' of 7" surface casing cemented with 6 secks of cement

Set 763' of 2.7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.