

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1104919

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:			Sec.	TwpS. R	East _ West	
Address 2:			F6	eet from North /	South Line of Section	
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section	
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:	
Phone: ()			□ NE □ NW	V □SE □SW		
CONTRACTOR: License #			GPS Location: Lat:	, Long:		
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)	
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84		
Purchaser:			County:			
Designate Type of Completion:			Lease Name:	W	ell #:	
	e-Entry	Workover	Field Name:			
	_		Producing Formation:			
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:		
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:	
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet	
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No	
If Workover/Re-entry: Old Well I			If yes, show depth set:			
Operator:			If Alternate II completion, c	cement circulated from:		
Well Name:			feet depth to:	w/	sx cmt.	
Original Comp. Date:						
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan		
Plug Back	Conv. to G		(Data must be collected from to			
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls	
Dual Completion			Dewatering method used:_			
SWD			Location of fluid disposal if	hauled offsite:		
ENHR	Permit #:					
GSW	Permit #:		Operator Name:			
			Lease Name:			
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East West	
Recompletion Date		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:								

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(CASING REC	ORD Ne	w Used			
		· ·		ıctor, surface, inte	ermediate, producti		T	
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percent Additives				
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)
Does the volume of the to		•				_	o question 3)	(" 100 ")
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
Shots Per Foot		ION RECORD - Bri Footage of Each Int				cture, Shot, Cement		d Depth
	, ,				,		,	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		RACT!!		TIONI		DRODUCTIO	AN INTEDVAL.
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PHODUCIIC	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

December 14, 2012

Chris Martin Tailwater, Inc. 6421 AVONDALE DR STE 212 OKLAHOMA CITY, OK 73116-6428

Re: ACO1

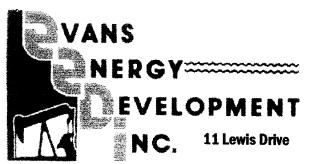
API 15-003-25623-00-00 Pedrow 12-T NE/4 Sec.28-20S-20E Anderson County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Chris Martin



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

WELL LOG

Paola, KS 66071

Tailwater, Inc. Pedrow #12-T API#15-003-25,623

November 15 - November 16, 2012

Thickness of Strata	Formation	<u>Total</u>
6	soil & clay	6
2	clay & shale	8
72	shale	80
28	lime	108
70	shale	178
10	lime	188
5	shale	193
34	lime	227
8	shale	235
22	lime	257
3	shale	260
21	lime	281 base of the Kansas City
170	shale	451
3	lime	454
10	shale	464
6	lime	470 oil show
7	shale	477
14	oil sand	491 green, light bleeding
5	shale	496
26	oil sand	522 green, ok bleeding
1	coal	523
7	shale	530
6	lime	536
15	shale	551
8	lime	559
33	shale	592
7	lime	599
28	shale	627
9	broken sand	636 brown & green, ok bleeding
30	shale	666
1	lime & shells	667
6	oil sand	673 brown, ok bleeding
4	shale	677
3	sand	680 black, no oil
49	shale	729
10	broken sand	739 brown & grey, light bleeding
6	silty shale	745
31	broken sand	776 brown & grey, light bleeding
8	oil sand	784 brown, light show

P	ed	row	#1	2-7	Т

Page 2

4 5 2 4 34 13	silty shale sand silty shale broken sand oil sand sand	788 793 black, no oil show 795 799 brown & grey, no show 833 brown, ok bleeding 846 white, no oil show
43	shale .	889 TD

Drilled a 9 7/8" hole to 21' Drilled a 5 5/8" hole to 889'

Set 21' of 7" surface casing cemented with 6 sacks of cement.

Set 879.3' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



TICKET NUMBER 35240LOCATION O Hawa KS FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

C	E	M	Ε	N	T
---	---	---	---	---	---

620-431-9210 c	or 800-467-8676	;		CEMEN	T	,		
DATE	CUSTOMER#	WELL	. NAME & NUM	1BER	SECTION	TOWNSHIP	RANGE	COUNTY
11/16/12	7806	Podro	o.# 16	Q~ <i>T</i>	NE 28	20	20	AN
CUSTOMER					37			1000 to 1
	water.	Tanc.		_	TRUCK#	DRIVER	TRUCK# ·	DRIVER
MAILING ADDRE	SS ~	· ·			506	FreWad	Safety	M/s
6421	Avonda	Le Dr			495	Hav Bec	HB O	d .
CITY		STATE	ZIP CODE		370	Kei Car	,KC	-
Oklahor	na City	OK	73/16		510	Set Tuc	SY	
JOB TYPE LOS	_ , (HOLE SIZE	57/8	_ HOLE DEPTH	<u> 887 </u>	_ CASING SIZE & W	/EIGHT <u>' </u>	EUE
CASING DEPTH	8758	DRILL PIPE	<u> </u>	TUBING			OTHER	1
SLURRY WEIGH	IT	SLURRY VOL_		WATER gal/s	k	CEMENT LEFT in	CASING <u></u> 2を	Plus
DISPLACEMENT	5.11 BG	DISPLACEMEN	T-PSI	MIX PSI		RATE 5 BPN	1	<i></i>
REMARKS: E	tablish.	oums rat	1 - Miz V	+ Pump 10	0 # aul Flu	ish. Mixx	Dump	
125	eks 501	50 Porl	lix Can	rent 2%	Cel- Cem	ent to sor	face . Fl	ush.
O.G.	114 lines	clean.	Displac	e 2/2 /2	ubber 01	us to cas	ing TD.	
Pr	occure y	to 800 #	PSI. Re	lease p	ressure	to set floo	+ Value.	_
	utin Ca		<u></u>	7		* *		
	11110	,,,,						

Fug	us Ener	a Dell	Tuc-	Travis		Ful VI	alu	
	0	7				1		
ACCOUNT CODE	QUANITY	or UNITS	D	ESCRIPTION of	SERVICES or P	RODUCT	UNIT PRICE	TOTAL
5401		1	PUMP CHAR	:GE		495		103000
5 Wale		-	MILEAGE					N/c

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		103000
5404	-	MILEAGE			N/C
5402	877	Casing footage			N/C
	Eminimum	Casing footage	5/0		175°°
55020	15 hr	80 BBL Vac Truck	े ८ ४७०		13500
1124	1255KS	50/50 for Mix Coment			1368 25
11188	310#	Premium Cel		-	6510
4402	,	2/2" Rubber Ply			2800
1102		A 2 / Sub- 2			
			<u> </u>		
			· 	9	
			- 504		25
			7.8%	SALES TAX	11405
Ravin 3737	1 1 .			ESTIMATED TOTAL	2915 87
AUTHORIZTION	full	TITLE		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