

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1124251

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				
City: State: 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.xxxxx) (e.gxxx.xxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
☐ New Well ☐ Re-Entry ☐ Workover					
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from: sx cmt.				
Well Name: Original Comp. Date: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name: License #:				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec. Twp. S. 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:				

Page Two



Operator Name: Lease Name: _ Well #: _ 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 Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF). **Drill Stem Tests Taken** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
 ■
 Yes
 ■
 Yes
 ■
 Nes
 Nes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4)

Other (Specify)

(If vented, Submit ACO-18.)

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

March 13, 2013

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

Re: ACO1 API 15-003-25703-00-00 Pedrow 8-IW 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, Christian L. Martin



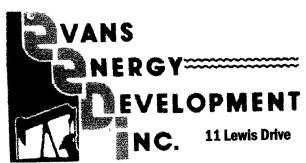
TICKET NUMBER 388
LOCATION Offacia, KS
FOREMAN Casey Kennedy

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

620-431-9210 d	or 800-467-8676			CEME	NT	•		
DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
2/20/13	7806	Pedrou	, # 8-	IW	NE 28	10	20	AN
CUSTOMER								
(ထဲ.(ယာ	ater he				TRUCK#	DRIVER	TRUCK#	DRIVER
		N - C 1	2.5		481	Casken	V Salety	Veeting_
CITY	Avondale.	STATE	ZIP CODE	_	lelele	Garlloo	V '	
	,				558	BreMan	V	e .
Oklahoma City OK 73116					369	DerMas	<i></i>	
JOB TYPE langitring HOLE SIZE 5 1/8" HOLE DEPTH 7291 CASING SIZE & WEIGHT 27/8							EVE	
CASING DEPTH		DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH	7	SLURRY VOL			al/sk			
l.	7 / 7	DISPLACEMENT				RATE 4.5 6		
REMARKS: Ne	ld satisfy	meeting,	establ	ished c	irculation.	mixed to	mpad 100	# Premis
Gel tollo			resh wai	ter n	ixed+ pur	uped 108	sks 50/50	Pozwix
cement.	w/ 2 %	gel per	sk cem	ent to	surface,	flushed pun	up < lear	poured
2/2" rub	ber dua -	to casing	7D W/	4.16	bbls tresh	water pre	ssured f	800
PSI well	I held pr	essure for	- 30 mi	~ MI	T, released		ut in cas	
,	- f		*					
			-					
) 1	
			,				/	
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION	of SERVICES or PI	RODUCT	UNIT PRICE	TOTAL.
5401			PUMP CHARG	E				1030,00
5406	25 mi	i j	MILEAGE					100.00
5402	719		casina	tootage	2			
5407	Minima	m	ton mi	eage				350,00
\$50ac	2 h~	S	80 Va					180.00
	_							100
			-					
1124	108 st	Ş	26 B	ZMIX	cement			1182.60
1118B	281 #		Fremi		0			59.01
4402	1		~ \ / Ir	, ,	<u>x</u>			
4702			02/2 10	obber f	31.09			28,00
			· ·					}
							-	3
								
					-		COMMINICAL STREET	
						- Aller Salar Sala		
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					· · · · · · · · · · · · · · · · · · ·	109		100 1
Ravin 3737						7.8%	SALES TAX ESTIMATED	99.02
	AL JA						TOTAL	3028.63
AUTHORIZTION_	Jun 75			TITLE			DATE	
acknowlodgo	that the navme	m# #aumaa						

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 for



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 #8-IW API #15-003-25,703

February 19 - February 20, 2013

	, oblidally 10	•
Thickness of Strata	Formation	<u>Total</u>
2	soil & clay	2
2	clay & gravel	4
2	soil & clay	6
95	shale	101
29	lime	130
70	shale	200
10	lime	210
5	shale	215
32	lime	247
6	shale	253
22	lime	275
3	shale	278
20	lime	298 base of the Kansas City
170	shale	468
3	lime	471
6	shale	477
8	lme	485 oil show
16	shale	501
1	coal	502
6	shale	508
27	oil sand	535 green, light oil show, wet
1	coal	536
7	shale	543
6	lime	549
15	shale	564
8	lime	572
33	shale	605
7	lime	612
29	shale	641
1	broken sand	642 brown & green, ok bleeding
2.5	silty shale	644.5
3	broken sand	647.5 brown & green, 80% bleeding sand
5.5	broken sand	653 brown & green, a few bleeding seams
26	shale	679
1	lime & shells	680 brown & grey, few bleeding seams
4.5	broken sand	684.5
5.5	shale	690 black, no oil show
3.5	sand	693.5
35.5	shale	729 TD

Drilled a 9 7/8" hole to 22.3' Drilled a 5 5/8" hole to 729'

Set 22.3' of 7" surface casing cemented with 6 sacks of cement.

Set 718.8' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.