



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1095290
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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- 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:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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: _____



1095290

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East 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 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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 Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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/>

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

Sam Brownback, Governor

September 30, 2012

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

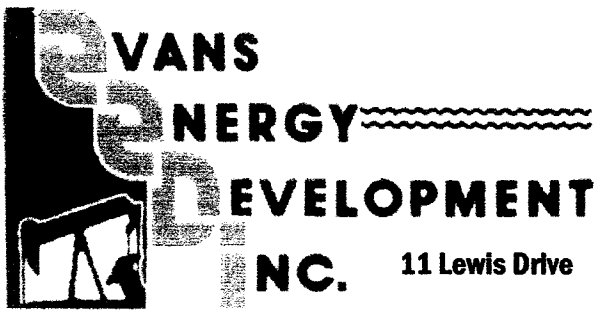
Re: ACO1
API 15-003-25497-00-00
WITTMAN 3-IW
SW/4 Sec.15-20S-20E
Anderson County, Kansas

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



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Tailwater, Inc.

Wittman 3-IW

API#15-003-25,497

September 18 - September 19, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
16	soil & clay	16
76	shale	92
29	lime	121
66	shale	187
10	lime	197
5	shale	202
34	lime	236
8	shale	244
21	lime	265
3	shale	268
19	lime	287 base of the Kansas City, making water
170	shale	457
3	lime	460
3	shale	463 oil show
8	lime	471
9	shale	480
12	oil sand	492 green, ok bleeding
1	coal	493
8	shale	501
20	oil sand	521 green, ok bleeding
1	coal	522
5	shale	527
6	lime	533
13	shale	546
3	lime	549
20	shale	569
6	lime	575
17	shale	592
7	lime	599
61	shale	660
1	lime & shells	661
9	oil sand	670 brown, good bleeding
1	broken sand	671 brown & grey, good bleeding
27	shale	698
11	sandy shale	709 grey, no oil
56	broken sand	765 brown & grey, no oil show
14	sand	779 brown, no oil show

20	oil sand	799 brown, good bleeding
1	sand	800 white, no oil show
11	oil sand	811 brown, good bleeding
29	sand	840 white, no oil show
21	shale	861 TD

Drilled a 9 7/8" hole to 22.1'

Drilled a 5 5/8" hole to 861'

Set 22.1' of 7" surface casing cemented with 6 sacks of cement.

Set 851.5' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39667

LOCATION Ottawa, KS

FOREMAN Casey Kennedy

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
9/19/12	7806	Whitman # 3-IW	SW 15	20	20	AN
CUSTOMER <u>Tailwater Inc</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>6421 Avondale Dr. Suite 212</u>			<u>481</u>	<u>Casler</u>	<u>ck</u>	
CITY STATE ZIP CODE <u>Oklahoma City OK 73116</u>			<u>495</u>	<u>HarBee</u>	<u>HB</u>	
			<u>503</u>	<u>Dan Det</u>	<u>DD</u>	
			<u>369</u>	<u>Der Mas</u>	<u>DM</u>	

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 861' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 851' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 4.95 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed + pumped 130 sks 50/50 Pozmix cement w/ 2 7/8 gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 4.95 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure, shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
8401	1	PUMP CHARGE		1030.00
5406	on lease	MILEAGE		
5402	851'	casing footage		
5407	minimum	ton mileage		350.00
5502c	1 hr	80 vac		90.00
1124	130 sks	50/50 Pozmix cement		1423.50
118B	318 #	Premium Gel		66.78
4402	1	2 1/2" rubber plug		28.00
			7.8%	SALES TAX
				ESTIMATED TOTAL
				3106.70

Ravin 3737

AUTHORIZATION [Signature] 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 for

253126