

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1234395

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: 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	Field Name:
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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
□ Deepening □ Re-perf. □ Conv. to ENHR □ Conv. to SWD □ Plug Back □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. 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:			



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.							
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		0.0000					
		CASING Report all strings set-o	RECORD Ne onductor, surface, inte		ion, 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
Durmaga	Depth		CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydrou	ulia fracturing tractment or	a this well?		Yes	No (If No, ski	n quantiana 2 an	(d 2)
	ulic fracturing treatment or otal base fluid of the hydra	aulic fracturing treatment ex	ceed 350,000 gallons?	= =	= ' '	p questions 2 an p question 3)	u 3)
Was the hydraulic fractur	ring treatment information	submitted to the chemical o	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
	Specify Fo	ootage of Each Interval Perf	orated	(Ai	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		l
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil B		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COMPLE	TION:		PRODUCTIO	DN INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	mmingled	1110000110	TO THE LANGE.
	bmit ACO-18.)	Other (Specify)	(Submit A	ACO-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	South Kempnich 1-IWU
Doc ID	1234395

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	5	
Completio n	5.6250	2.8750	6.45	857	Portland	118	50/50 POZ

3613A Y Road Madison, KS 66860 Ph: 620-437-2661 Fax: 620-437-2881

FED ID# 48-1214033 MC ID# 165290 HURRICANE SERVICES INC

104 Prairie Plaza Parkway Garnett, KS 66032 Ph: 785-448-3100

Ph: 785-448-3100 Fax: 785-448-3102

Remit to: Hurricane Services, Inc.

250 N. Water, Suite 200 Wichita, KS 67202

Customer:

MARTIN OIL PROPERTIES % CHRISTIAN MARTIN 6421 AVONDALE DR., STE 212 OKLAHOMA CITY, OK 73116-6428 Invoice Date: Invoice #: Lease Name: 10/22/2014 0015179 S KEMPNICH

Well #: County: 1-IWV ANDERSON

Date/Description	HRS/QTY	Rate	Total	
See ticket 50421 of JB	1.000	675.000	675.00	
Cement Pozmix 50/50	118.000	11.300	1,333.40 T	
Gel 2%	236.000	0.300	70.80 T	
Gel sweep	200.000	0.300	60.00 T	
FLO Seal	30.000	2.150	64.50 T	
City water	4,600.000	0.013	59.80	
Vac truck #108	1.000	84.000	84.00	
Vac truck #110	1.000	84.000	84.00	
Bulk truck #241	1.000	150.000	150.00	
Top rubber plug 2 7/8"	1.000	25.000	25.00 T	
10% Discount per Kevin Miller	1.000	260.650-	260.65-	

Net Invoice	2,345.85
Sales Tax: (7.65%)	118.86
Total	2,464.71

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!

Hurricane Services, Inc. 104 Prairie Plaza Parkway Garnett, KS 66032 Office # 785-448-3100 Toll Free # 855-718-8027

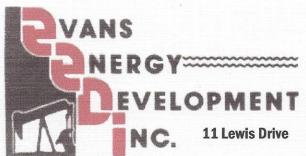


Ticket	Nº	50421
Location		
Foreman_	Joe	Blanchard

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
10-22-14		5. Kempnich 2-Iwu		Anderson
Customer		Mailing Address	City State	Zip
Martin	Oil Properties			

ob Type:			Truck #	Driver
Long String tole Size: 25 7/8	Casine TD 857		26	Joe
	Casing Size: ユッル	Displacement: 4.9	231	Tom
Hole Depth: 900	Casing Weight:	Displacement PSI: 400	108	Jeff
Bridge Plug:	Tubing:	Cement Left in Casing: o	110	AMOS
acker:	PBTD:		241	TROY
Quantity Or Units	Description of	Servcies or Product	Pump charge	675. °°
0 mi	Mileage Pump Tru	CK #231	\$3.25/Mile	NC
o mi	Pick up #	± 26	1.50	NC
118 SK	50/50 Poz	C 50/50	11.30	1333.40
236 LB	Prem Gel 2%	P01500	2.5	74 80
200 LB	Prem Gel Swe	201500	30	60.50
30 LB	Flo Seal	P01611	2.15	64.50
	And Had a State of the Land of	1.8/1/		
4600 Gal	Cornett water		1.3	59 .ªº
1 hr	80 vac # 108		84.99	84.00
1 hr	80 Vac#110		84.08	84.00
4.9 Tons	Bulk Truck Minimum	Charge # 241	\$1.15/Mile	150.00
	THE THOUSE	Criarge - 11		130
1	Plugs 27/8 Top 260.65 10	Plua PO 1631	25.00	25.00
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	26,0650		Subtotal	2345.85
	- 260.65 10	% Discount	Sales Tax	118.86
			Estimated To	
Remarks: Hook				
nemarks. Hook	suro Casing. ach	ievel Circulation. + 118 5K5 50	Tomp 10	bol gel su
tallowed by 15	bbl water spaces	4 118 SKS 50	0/50 poz.	Flush pun
Rump Plug to	bottom of set	Float Shoe.		
P . 3				
		ement to surface	4 .	
		EILE OT TO JOUTOE		
		NAME OF THE PARTY		
(Rev. 1-2011)		Cust	omer Signature	



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc.
South Kempnich # 1-IWU
API #15-003-26,365
October 20 - October 21, 2014

Thickness of Strata	<u>Formation</u>	<u>Total</u>
9	soil & clay	9
4	clay & gravel	13
96	shale	109
30	lime	139
68	shale	207
10	lime	217
6	shale	223
34	lime	257
7	shale	264
20	lime	284
3	shale	287
21	lime	308 base of the Kansas City
172	shale	480
2	lime	482
3	shale	485
2	lime	487
6	shale	493
7	lime	500 oil show
9	shale	509
11	oil sand	520 green, light bleeding
5	shale	525
1	coal	526
2	shale	528
17	oil sand	545 green, good bleeding
4	shale	549
2	coal	551
3	shale	554
3	lime	557
19	shale	576
4	lime	580
20	shale	600
8	lime	608
49	shale	657
1	limey sand	658
0.5	broken oil sand	658.5 brown & green thin bleeding seams
1.5	sand	660 green, no oil
2	broken sand	662 brown & green 50% bleeding
1	shale	663
1.5	broken sand	664.5 brown & green, couple thin bleeding seams
		90% shale

30.5	shale	695
1	lime & shells	696
6	oil sand	702 brown light bleeding
2	broken sand	704 brown & grey light bleeding
86	shale	790
15	sand	805 brown, no oil
45	sand	850 grey, no oil
8	shale	858
5	sand	863 white, no oil
37	shale	900 TD

Drilled a 9 7/8" hole to 22.6' Drilled a 5 5/8" hole to 900'

Set 22.6' of 7" surface casing with 5 sacks of cement.

Set 856.4' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.