

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs 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.

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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250 N. Water, Ste 200 - Wichita, Ks 67202

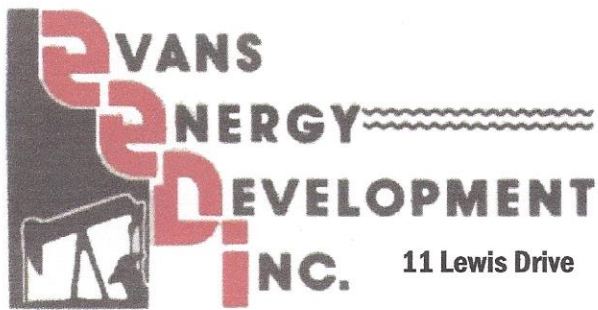
HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: Martin Oil Properties				Customer Name:	Ticket No.: 50699					
Address:				AFE No.:	Date: 1/6/2016					
City, State, Zip:				Job type:	cement longstring ( NEW WELL )					
Service District:				Well Details:	5 5/8 Hole @ 847.. 2 7/8 tubing @ 837					
Well name & No.: South Kempnich 14-L				Well Location:	Country:	Anderson	State: KS			
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours	TRUCK CALLED		AM	TIME	
26	Joe					ARRIVED AT JOB		AM		
231	Jeff					START OPERATION		AM		
111	JR					FINISH OPERATION		AM		
109	Ben					RELEASED		AM		
240	Troy					MILES FROM STATION TO WELL		AM		
<b>Treatment Summary</b>										
Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount			
c00101	Heavy Equip. One Way	mi	-	\$3.25	\$0.00		\$0.00			
c00102	Light Equip. One Way	mi	-	\$1.50	\$0.00		\$0.00			
c23103	Cement Pump	ea	1.00	\$675.00	\$675.00	10.00%	\$607.50			
c11100	Vacuum Truck 80 bbl	ea	1.00	\$84.00	\$84.00	10.00%	\$75.60			
c10900	Vacuum Truck 80 bbl	ea	1.00	\$84.00	\$84.00	10.00%	\$75.60			
c24001	Cement Bulk Truck - Minimum	ea	1.00	\$300.00	\$900.00	50.00%	\$450.00			
p01604	50/50 Pozmix Cement	sack	117.00	\$11.30	\$1,322.10	10.00%	\$1,189.89			
p01607	Bentonite Gel	lb	200.00	\$0.30	\$60.00	10.00%	\$54.00			
p01607	Bentonite Gel	lb	198.00	\$0.30	\$59.40	10.00%	\$53.46			
p01618	Pheno Seal	lb	29.00	\$1.70	\$49.30	10.00%	\$44.37			
p02000	H2O	gal	3,500.00	\$0.01	\$45.50	10.00%	\$40.95			
p01631	Rubber Plug 2 7/8	ea	1.00	\$30.00	\$30.00	10.00%	\$27.00			
							2553 <sup>70</sup>			
TERMS: Cash in advance unless Hurricane Services Inc has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 1/4% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.							Gross: \$ 2,700.70		Net: \$ 2,317.83	
							Total Taxable \$ -	Tax Rate: 7.650%		
							Sale Tax: \$ -		Total: \$ 2,317.83	
							Date of Service: 1/6/2016			
							HSI Representative: Joe Blanchard			
							Customer Representative: Dan Hutchenson			
							Date of Service: 1/6/2016			
							HSI Representative: Joe Blanchard			
							Customer Representative: Dan Hutchenson			
X _____ CUSTOMER AUTHORIZED AGENT										
Customer Comments or Concerns:										

1791.09  
Per Kevin Miller  
Bic

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.



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.

South Kempnich #14-L

API #15-003-26,492

January 5 - January 6, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
4	soil & clay	4
4	clay & gravel	8
63	shale	71
31	lime	102
62	shale	164
12	lime	176
6	shale	182
35	lime	217
5	shale	222
26	lime	248
3	shale	251
22	lime	273 base of the Kansas City
178	shale	451
4	lime	455
5	shale	460
8	lime	468 oil show
11	shale	479
6	broken sand	485 green, light bleeding
4	shale	489
1	coal	490
2	shale	492
19	oil sand	511 green, good bleeding
11	shale	522
10	lime	532
13	shale	545
5	lime	550
18	shale	568
12	lime	580
18	shale	598
3	lime	601
9	shale	610
5	lime	615
10	shale	625
8	broken sand	633 brown & green, ok bleeding
32	shale	665
1	lime & shells	666
6	oil sand	672 brown, good bleeding
2	broken sand	674
43	shale	717

8	broken sand	725 brown & grey, light oil show
12	shale	737
2	broken sand	739 brown & grey good bleeding
10	shale	749
1	oil sand	750 black, no oil
24	silty shale	774
4	oil sand	778 brown, good bleeding
2	shale	780
8	oil sand	788 brown, good bleeding
9	sandy shale	797
3	oil sand	800 brown, good bleeding
30	sandy shale	830
15	shale	845 TD

Drilled a 9 7/8" hole to 23.5'

Drilled a 5 5/8" hole to 845'

Set 23.5' of 7" surface casing with 5 sacks of cement.

Set 835' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.