

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
--	---

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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	--	------------------------------------

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:	
----------------	-------	---------	------------	--



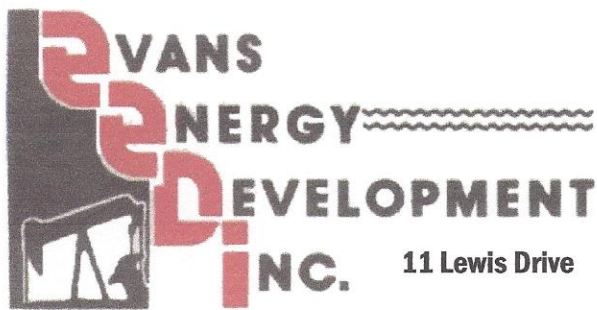
250 N. Water, Ste 200 - Wichita, Ks 67202

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: Martin Oil Properties		Customer Name:		Ticket No.: 100670				
Address:		AFE No.:		Date: 1/13/2016				
City, State, Zip:		Job type: Longstring						
Service District: Madison		Well Details: 833' of 5 5/8" hole		2 7/8" set @ 823'				
Well name & No.: South Kempnich #13-IWL		Well Location:		County: Anderson	State: Kansas			
Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TRUCK CALLED	AM	TIME
201	Jerry	30	Brad			ARRIVED AT JOB	PM	
202	Bryan					START OPERATION	PM	
109	Troy					FINISH OPERATION	PM	
111	Mitch					RELEASED	PM	
						MILES FROM STATION TO WELL	PM	
Treatment Summary								
Rig up to 2 7/8" tubing, tagged float shoe @ 824' by wireline. Break circulation with fresh water, pumped 8 Bbls gel flush, circulated gel around to condition hole. Mixed 120 sks. 50/50 Pozmix cement w/ 2% Gel & 1/4 lb.per/sk of Pheno-Seal. Shut down, wash out pump & lines, release plug. Displace plug with 4.8 Bbls water, final pumping @ 400 psi, land plug with @ 1000 psi. Closed tubing in with 1000 psi. Good cement returns with 4.5 Bbls of slurry. Job Complete - Tear Down "Thank You"								
Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Net Amount		
c20102	Cement Pump	ea	1.00	\$675.00	\$675.00	\$472.50		
c00101	Heavy Equip. One Way	mi	-	\$3.25	\$0.00	\$0.00		
p01604	50/50 Pozmix Cement	sack	120.00	\$11.30	\$1,356.00	\$949.20		
p01607	Bentonite Gel	lb	200.00	\$0.30	\$60.00	\$42.00		
p01618	Pheno Seal	lb	30.00	\$1.70	\$51.00	\$35.70		
p01607	Bentonite Gel	lb	200.00	\$0.30	\$60.00	\$42.00		
c00104	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00	\$105.00		
c10900	Vacuum Truck 80 bbl	ea	1.00	\$84.00	\$84.00	\$58.80		
c11000	Vacuum Truck 80 bbl	ea	1.00	\$84.00	\$84.00	\$58.80		
p02000	H2O	gal	3,500.00	\$0.01	\$45.50	\$31.85		
p01631	Rubber Plug 2 7/8	ea	1.00	\$30.00	\$30.00	\$21.00		
c00102	Light Equip. One Way	mi	-	\$1.50	\$0.00	\$0.00		
c00108	Wireline	job	-	\$50.00	\$0.00	\$0.00		
				Gross:	\$ 2,745.50	Net:	\$ 1,816.85	
				Total Taxable	\$1,121.75	Tax Rate:	7.650%	
				Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.		Sale Tax:	\$ 85.81	
						Total:	\$ 1,902.66	
				Date of Service: 1/13/2016				
				HSI Representative: Brad Butler				
				Customer Representative:				
				CUSTOMER AUTHORIZED AGENT				
				Customer Comments or Concerns:				

Hurricane Services appreciates any Comments, Concerns or Criticisms 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 #13-IWL

API #15-003-26,495

January 12 - January 13, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
4	clay & gravel	10
61	shale	71
36	lime	107
61	shale	168
10	lime	178
6	shale	184
34	lime	218
6	shale	224
23	lime	247
3	shale	250
26	lime	276 base of the Kansas City
177	shale	453
3	lime	456
6	shale	462
7	lime	469 oil show
10	shale	479
8	broken sand	487 green & grey, light oil show
2	shale	489
1	coal	490
3	shale	493
20	oil sand	513 green, good bleeding
5	shale	518
1	coal	519
6	shale	525
10	lime	535
12	shale	547
6	lime	553
18	shale	571
8	lime	579
21	shale	600
5	lime	605
24	shale	629
8	broken sand	637 brown & green, ok bleeding
30	shale	667
1	lime & shells	668
8	oil sand	676 brown, good bleeding
43	shale	719
5	broken sand	724 brown & grey, ok bleeding

4	shale	728
9	broken sand	737 brown & grey, ok bleeding
2	shale	739
2	oil sand	741 black, ok bleeding
12	shale	753
4	oil sand	757 black, no bleeding
14	shale	771
6	oil sand	777 brown, no bleeding
6	shale	783
3	sand	786 grey, no oil
47	sandy shale	833 TD

Drilled a 9 7/8" hole to 23.5'

Drilled a 5 5/8" hole to 833'

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

Set 823' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.