



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1230527
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: _____

1230527

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Hurricane Services, Inc.
 104 Prairie Plaza Parkway
 Garnett, KS 66032
 Office # 785-448-3100
 Toll Free # 855-718-8027



Ticket Nº 50373
 Location _____
 Foreman Joe Blanchard

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
8-19-14		N. Kempnich 16-IWU		Anderson
Customer		Mailing Address	City	State Zip
Martin oil Properties				

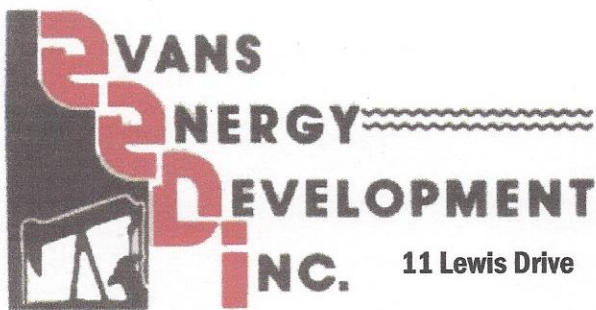
Job Type:

			Truck #	Driver
Longstring	682 Casing TD		26	Joe
Hole Size: 5 5/8	Casing Size: 2 7/8	Displacement: 3.9	231	Tom
Hole Depth: 687	Casing Weight:	Displacement PSI: 400	108	Jeff .G
Bridge Plug:	Tubing:	Cement Left in Casing: 0	110	Scott
Packer:	PBTD:		242	Amos
			Extra	Alex

Quantity Or Units	Description of Services or Product	Pump charge	
0 mi	Mileage Pump truck #231	\$3.25/Mile	NC
0 mi	Pick up #26	1.50	NC
97 SK	50/50 Poz mix	11.20	1096.00
197 LB	Prem Gel 2%	.30	59.00
200 LB	Prem Gel Sweep	.30	60.00
24 LB	Flo Seal	2.15	51.00
1 hr	80 vac #108	84.00	84.00
1 hr	80 vac #110	84.00	84.00
4600 Gal	Garnett water	1.34	59.00
4.07 Tons	Bulk Truck MINIMUM charge #242	\$1.15/Mile	150.00
1	Plugs 2 7/8 Top Plug	25.00	25.00
	2344.60	Subtotal	2110.04
	10% Discount 708DC-234.46	Sales Tax	98.82
		Estimated Total	2,208.96

Remarks: Hook onto well achieved circulation. Pump 15 bbl Gel sweep & 15 bbl water followed by 97 SKS 50/50 Poz mix shut down. Flush Pump. Pumped Plug to Bottom & set float shoe. Cement to Surface.

PAI
 8-21-14
 NR AFE



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.

North Kempnich #16-IWU

API #15-003-26,240

August 15 - August 18, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
11	soil & clay	11
4	clay & gravel	15
96	shale	111
36	lime	147
61	shale	208
10	lime	218
8	shale	226
33	lime	259
7	shale	266
19	lime	285
3	shale	288
23	lime	311 base of the Kansas City
46	shale	357
20	sand	377 grey, no oil
105	shale	482
2	lime	484
2	shale	486
5	lime	491
6	shale	497
7	lime	504 oil show
22	shale	526
1	coal	527
1	shale	528
17	oil sand	545 green good bleeding
3	shale	548 green, good bleeding
1	coal	549
9	shale	558
3	lime	561
18	shale	579
3	lime	582
18	shale	600
10	lime	610
22	shale	632
4	lime	636
21	shale	657
3	limey sand	660 grey & white no oil
2	broken sand	662 brown & grey 40% bleeding
0.5	broken sand	662.5 brown & grey no bleeding
24.5	shale	687 TD

Drilled a 9 7/8" hole to 21.7'

Drilled a 5 5/8" hole to 687'

Set 21.7' of 7" surface casing threaded and coupled cemented with 5 sacks of cement.

Set 682.4' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

Core Times

	<u>Minutes</u>	<u>Seconds</u>
661		45
662		35
663		28
664		39
665		39
666		38
667		36
668		38
669		35
670		31
671		28
672		29
673		29
674		27
675		32
676		34
677		38
678		30