



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1213404  
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: \_\_\_\_\_

1213404

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Coral Coast Petroleum, L.C.
Well Name	Harden 1-17
Doc ID	1213404

All Electric Logs Run

Sonic
Neurton Density
Micro
Dual Induction



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
Liberal, Kansas

### Cement Report

Customer	CORAL COAST Pet. LC	Lease No.	HARDEN 1-17	Date	01-01-14
Lease	HARDEN	Well #	1-17	Service Receipt	1717-04373A
Casing	8 5/8"	Depth	612'	County	CLARK
Job Type	Z42 SURFACE	Formation	HOSKINS	State	KS
				Legal Description	17-32-21 API NO. 15-025-21570-00-00

Pipe Data		Perforating Data		Cement Data
Casing size	8 5/8"	Tubing Size	7 1/2"	Lead 175 sks - 12ppg A-LOW BLEND COMMON 3% CC, 1/4" sk Cellulose
Depth	609'	Depth	612'	
Volume		Volume		Tail in 175 sks - 15.6ppg COMMON CEMENT 2% CC, 1/4" sk Cellulose
Max Press		Max Press		
Well Connection		Annulus Vol.		
Plug Depth		Packer Depth		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1300					Called out
1600					ON LOCATION
1650					Run Float Equipment
1900					On Bottom - NO CIRCULATION
1915					Set up HARD & MANI HOLD
1935	100		77 BBLs	5'	Mix & Pump Lead Cement 12ppg
1955	100		37 BBLs	5'	Mix & Pump Tail Cement 15.6ppg
2010					Drop Plug
2015			36.3 BBLs	5'	Displace
2025	800				Land Plug 500psi to over 800psi
					Released Float Hold
					No Returns throughout Job
					WAIT - ORDER MORE CEMENT
					01-02-14 Top up
0030			23 BBLs	2	Mix & Pump 100 sks Common Cement with 3% CC, 1/4" sk Cellulose, 5# sk Bisulphite 15.6ppg 1.3cuft sk
					No Returns - WAIT
0430	0130		27 BBLs	2	Mix & Pump 150 sks NEAT C Cement with 3 sks Calcium Chloride 1.7ppg = .98cuft sk.
					Full Returns to SURFACE
					Job Completed - Thanks

Service Units	21755	77686-19905	19959-19860	70959-19918	
Driver Names	Roger	Michael	Jesse	Pat	

Cecil

Customer Representative

Jerry Bennett

Station Manager

Roger Brown

Cementor

Customer <i>CORAL-COAST RH</i>		Lease No.		Date <i>01-16-14</i>	
Lease <i>HARDEN</i>		Well # <i>1-17</i>			
Field Order # <i>9781</i>	Station <i>PRATT KS</i>	Casing <i>N.P</i>	Depth	County <i>CLARK</i>	State <i>KS</i>
Type Job <i>CNW P.T.A</i>		Formation		Legal Description <i>17-32-21</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative			Station Manager <i>DAVE SCOTT</i>			Treater <i>Robert J. [Signature]</i>		
Service Units	<i>37900</i>	<i>33708</i>	<i>20970</i>	<i>19826</i>	<i>73708</i>			
Driver Names	<i>Sullivan</i>	<i>GRAVES</i>	<i>Harby</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:00</i>					<i>on the start med,</i>
					<i>P.T.A.</i>
					<i>sturdy</i>
<i>10:35</i>			<i>5</i>		<i>Plug @ 1050' w/ 50 sk / 60 pp / 0.2</i>
			<i>10.5</i>		<i>SPACER</i>
<i>10:40</i>			<i>5</i>		<i>Disc &amp; shot down</i>
					<i>Plug @ 640' w/ 50 sk</i>
<i>11:00</i>			<i>5</i>		<i>SPACER</i>
			<i>10.5</i>		<i>cut</i>
<i>11:06</i>			<i>3</i>		<i>Disc &amp; shot down</i>
<i>11:40</i>					<i>Plug TOP 50' w/ 30 sk / 100 pp / 0.2</i>
					<i>Plug RH w/ 30 sk</i>
<i>12:00</i>					<i>Plug MH w/ 30 sk</i>
					<i>SOB Complete</i>
					<i>THANK YOU [Signature]</i>

# KODA SERVICES INC.

P.O. Box 66 • Woodward, OK 73802

3999

## Cement Job Sheet

Truck# \_\_\_\_\_ Date 12/30/13

Mileage out: \_\_\_\_\_ Mileage in: \_\_\_\_\_

Driver: \_\_\_\_\_

Job Name: Coral Coast - Harden 1-17

Legal Description: \_\_\_\_\_

Rig #: \_\_\_\_\_ Driller: Dale

Job sheet ticket #: 8386

Quantity	Description	Comments
<u>10 1/2</u>	<u>yds gravel</u>	<u>Koda</u>