



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1171046
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: _____



1171046

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: 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Midwestern Exploration Company
Well Name	Garman 1-18
Doc ID	1171046

Tops

Name	Top	Datum
Attached	Attached	Attached
Base Heebner Shale	4332-L	(-1305)
Toronto Lime	4341-L	(-1314)
Lansing Lime	4451-L	(-1424)
Kansas City Lime	4780-L	(-1753)
Marmaton Lime	5202-L	(-2175)
Cherokee Shale	5607-L	(-2580)
Lower Atoka Lime	5918-L	(-2891)
Morrow Shale	5956-L	(-2929)
Lower Morrow Lime	6311-L	(-3284)
Chester C Lime	6378-L	(-3351)
Ste Genevieve	6659-L	(-3632)
St Louis	6738-L	(-3711)

Form	ACO1 - Well Completion
Operator	Midwestern Exploration Company
Well Name	Garman 1-18
Doc ID	1171046

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	65	40	Grout	10	
Surface	12.25	8.625	24	1668	Acon	400	3% CC, 2% gypseal, .25#/sk Florcele
Surface	12.25	8.625	24	1668	Prem. Pluss	150	2% CC, .25#/sk Flocele
Production	7.875	5.5	15.5	6760	Class Acon	25	.25#/sk Flocele, 2%cc
Production	7.875	5.5	15.5	6760	Class AAZ	175	5% Gypseal, 10% salt, 5#/sk gilsonite

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

December 02, 2013

Dale J. Lollar
Midwestern Exploration Company
3500 S BOULEVARD STE 2B
EDMOND, OK 73013-5487

Re: ACO1
API 15-189-22793-00-00
Garman 1-18
NW/4 Sec.18-35S-35W
Stevens County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Dale J. Lollar



Cement Report

Customer Midwestern Exploration	Lease No.	Date 10/5/12
Lease Gorman	Well # 1-14	Service Receipt
Casing 8 5/8 Depth 16 4/8	County Stevens	State KS
Job Type surface	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size 8 5/8	Tubing Size	Shots/Ft		Lead 400 SX A-Com
Depth 16 4/8	Depth	From	To	@ 11.4#
Volume 104.7	Volume	From	To	2.95 18.10
Max Press 1500	Max Press	From	To	Tail in 150 SX PIP
Well Connection PC.	Annulus Vol.	From	To	@ 14.8#
Plug Depth	Packer Depth	From	To	1.34 6.33

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
04:00					on loc, spot P.T. RV., wait on Csg & Cement
11:06	2000				Test Lines
11:10	170		0	5	Start mixing @ 11.4#
11:56	150		210	4	on tail @ 14.8#
12:00	0		36	0	Finished mixing, Drop Plug
12:13	60		0	5	Start disp, washup on plug
12:33	440		94	2	Slow Rate
12:38	1130		105		Plug Down
					Release Psi, float held
					Job Complete
					Thank You
					(Chad & Crew)

Service Units	758939	3722337726	3046319566	1435419578
Driver Names	C. Hinz	T. Marcelles	C. Garcia	R. Brown

Billy Daugherty Customer Representative
Jerry Bennett Station Manager
Chad Hinz Cementer
 Taylor Printing, Inc.

Cement Report

Customer <i>Midwestern Exploration</i>		Lease No.		Date <i>10-12-13</i>	
Lease <i>Gorman</i>		Well # <i>1-K</i>		Service Receipt <i>04585</i>	
Casing <i>5 1/2</i>	Depth	County <i>STEVENS</i>		State <i>KS</i>	
Job Type <i>242 Log Stage</i>		Formation	Legal Description <i>18-35-85</i>		
Pipe Data			Perforating Data		Cement Data
Casing size <i>5 1/2</i>	Tubing Size	Shots/Ft		Lead <i>75sk A-Cor</i>	
Depth <i>6765</i>	Depth <i>55,42.5</i>	From	To	<i>2.93ft 2.5k</i>	
Volume <i>160615</i>	Volume	From	To	<i>18.6gal sk 11.4#</i>	
Max Press <i>2000</i>	Max Press	From	To	Tail in <i>175sk AA2</i>	
Well Connection <i>5 1/2</i>	Annulus Vol.	From	To	<i>1.51ft 4.5k</i>	
Plug Depth <i>6722</i>	Packer Depth	From	To	<i>6.44gal sk 14.8#</i>	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>630</i>					<i>Arrive on location</i>
<i>630</i>					<i>Safety Meeting - 1:30p</i>
<i>630</i>					<i>1.5 Pump Casing</i>
<i>1100</i>					<i>Circulate w/1.5</i>
<i>1150</i>					<i>Hook up TO BES</i>
<i>1200</i>	<i>2000</i>		<i>1</i>	<i>1.0</i>	<i>Pressure Test</i>
<i>1205</i>	<i>325</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>1210</i>	<i>300</i>		<i>12</i>	<i>4.0</i>	<i>Pump Super Flush</i>
<i>1220</i>	<i>275</i>		<i>5</i>	<i>4.0</i>	<i>Pump Gel</i>
<i>1225</i>	<i>250</i>		<i>10</i>	<i>4.0</i>	<i>Pump Stoploss Polymer</i>
<i>1230</i>	<i>225</i>		<i>13</i>	<i>6.0</i>	<i>Pump A-con amt @ 11.4#</i>
<i>1250</i>	<i>200</i>		<i>47</i>	<i>6.0</i>	<i>Pump AA2 amt @ 14.8#</i>
<i>1310</i>					<i>Drop Plug - Wash Up</i>
<i>1315</i>	<i>400</i>		<i>158</i>	<i>6.0</i>	<i>Displace</i>
<i>1340</i>	<i>900</i>		<i>10</i>	<i>2.0</i>	<i>Slow Down</i>
<i>1345</i>	<i>1400</i>		<i>1</i>	<i>1</i>	<i>Land Plug - Flush Acid</i>
					<i>Plug Port + Measure Hole</i>
					<i>Job Complete</i>
Service Units	<i>78938</i>	<i>78938-19570</i>	<i>14355-37725</i>		
Driver Names	<i>J. Chavez</i>	<i>Sam</i>	<i>Greg</i>		

Billy

Customer Representative

Joe Batt

Station Manager

J. Chavez

Cementer



BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer Midwestern Exploration	Lease No.	Date 10/5/17
Lease Gorman	Well # 1-18	Service Receipt
Casing 4 5/8	Depth 11,486	County Stevens State KS
Job Type surface	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size 4 5/8	Tubing Size	Shots/Ft		Lead 400 SC A-Com
Depth 11,486	Depth	From	To	@11.4#
Volume 104.7	Volume	From	To	2.95 18.10
Max Press 1500	Max Press	From	To	Tail in 150 SC P.P
Well Connection P.C.	Annulus Vol.	From	To	@14.8#
Plug Depth	Packer Depth	From	To	1.34 6.33

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
04:00					on loc, spot Pt. RV., wait on Csg + Cement
11:06	2000				Test Lines
11:10	170		0	5	start mixing @ 11.4#
11:56	150		210	4	on tail @ 14.8#
12:00	0		36	0	Finished mixing, Drop Plug
12:13	60		0	5	start disp, washup on plug
12:33	440		94	2	Slow Rate
12:38	1130		105		Plug Down
					Release Psi, float held
					Job Complete
					Thank You
					(Chad & Crew)

Service Units	75939	372233726	3046319566	1435419578
Driver Names	C. Hinz	T. Marcellus	C. Garcia	R. Brown

Billy Daughtry Customer Representative Derry Bennett Station Manager Chad Hinz Cementer

Customer <i>Midwestern Exploration</i>		Lease No.		Date <i>10-12-13</i>	
Lease <i>German</i>		Well # <i>1-14</i>		Service Receipt <i>04583</i>	
Casing <i>5 1/2</i>	Depth	County <i>STAVENS</i>		State <i>KS</i>	
Job Type <i>242 Log Sng</i>		Formation		Legal Description <i>18-35-35</i>	
Pipe Data			Perforating Data		Cement Data
Casing size <i>5 1/2</i>		Tubing Size		Shots/Ft	
Depth <i>6765</i>		Depth <i>55,412.5</i>		From To	
Volume <i>160615</i>		Volume		From To	
Max Press <i>2000</i>		Max Press		From To	
Well Connection <i>5 1/2</i>		Annulus Vol.		From To	
Plug Depth <i>6722</i>		Packer Depth		From To	
Lead <i>75sk A-Con</i>					
				<i>2.93ft 7.5k</i>	
				<i>18.6m-sk 11.4#</i>	
Tail in <i>175sk AA2</i>					
				<i>1.51ft 4.5k</i>	
				<i>6.46m-sk 14.8#</i>	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>630</i>					<i>Arrive on location</i>
<i>630</i>					<i>Safety Meeting - 11:30p</i>
<i>630</i>					<i>11:30 Pump Casing</i>
<i>1100</i>					<i>Circulate w/MS</i>
<i>1150</i>					<i>Hook up TO TRES</i>
<i>1200</i>	<i>2000</i>		<i>1</i>	<i>1.0</i>	<i>Pressure Test</i>
<i>1205</i>	<i>325</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>1210</i>	<i>300</i>		<i>12</i>	<i>4.0</i>	<i>Pump Super Flush</i>
<i>1220</i>	<i>275</i>		<i>5</i>	<i>4.0</i>	<i>Pump Gel</i>
<i>1225</i>	<i>250</i>		<i>10</i>	<i>4.0</i>	<i>Pump Stoploss Polymer</i>
<i>1230</i>	<i>225</i>		<i>13</i>	<i>6.0</i>	<i>Pump A-Con amt @ 11.4#</i>
<i>1250</i>	<i>200</i>		<i>47</i>	<i>6.0</i>	<i>Pump AA2 amt @ 14.8#</i>
<i>1310</i>					<i>Drop Plug - Wash Up</i>
<i>1315</i>	<i>400</i>		<i>158</i>	<i>6.0</i>	<i>Displace</i>
<i>1340</i>	<i>900</i>		<i>10</i>	<i>2.0</i>	<i>Shut Down</i>
<i>1345</i>	<i>1400</i>		<i>1</i>	<i>1</i>	<i>Land Plug - Flood Add</i>
					<i>Plug Port & Mouse Hole</i>
					<i>Job Complete</i>
Service Units	<i>78938</i>	<i>78938-19570</i>	<i>14355-37725</i>		
Driver Names	<i>J. Chavez</i>	<i>Sam</i>	<i>Greg</i>		

Billy

Customer Representative

Sam Bett

Station Manager

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Cementer