

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](mailto: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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Bolen 13A

5	soil	5	start 3/7/2022
27	clay and gravel	132	finish 3/8/2022
108	shale	140	
59	lime	199	
46	shale	245	
35	lime	280	set 40' 7"
43	shale	323	ran 1026' 2 7/8
57	lime	380	hurricane cemented to surface
36	shale	416	
124	lime	540	
15	shale	555	
42	lime	597	
164	shale	701	
33	lime	794	
59	shale	853	
35	lime	888	
15	shale	903	
7	lime	910	
14	shale	924	
7	lime	931	
6	shale	937	
7	lime	944	
33	shale	977	
9	brkn sand	986	good show
50	shale	1036	td

HAMMERSON CORPORATION

# Invoice

PO BOX 189  
Garnett, KS 66742

Date	Invoice #
4/15/22	20844

<b>Bill To</b>
K.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
160	Well Mud (\$8.80 Per Sack) Bolen 121 Ticket #20844	8.80	1,408.00T
1.25	Hour Rate	65.00	81.25T
1	Fuel Surcharge	35.00	35.00T
140	Well Mud (\$8.80 Per Sack) Boen 161 Ticket #20850	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
140	Well Mud (\$8.80 Per Sack) Bolen 81 Ticket #20859	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
100	Well Mud (\$8.80 Per Sack) Cox Lease Ticket #20866	8.80	880.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
120	Well Mud (\$8.80 Per Sack) Bolen WSW 1 Ticket #20873	8.80	1,056.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
	SALES TAX	6.50%	411.08

*Cemented to surface  
with company tools*

Thank you for your business.	<b>Total</b>	\$6,735.33
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HAMMERSON CORPORATION

# Invoice

PO BOX 189  
Gas. KS 66742

Date	Invoice #
4/7/2022	20804

<b>Bill To</b>
R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
140	Well Mud (\$8.80 Per Sack) Ticket #20804 <i>Belen 2A</i>	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
	SALES TAX	6.50%	86.58
<i>Cemented to surface with company tools</i>			

Thank you for your business.

**Total**

\$1,418.58

HAMMERSON CORPORATION

# Invoice

PO BOX 189  
Gas. KS 66742

Date	Invoice #
3/30/2022	20786

Bill To
R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
140	Well Mud (\$8.80 Per Sack) Bolen 31 Ticket #20786	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
	SALES TAX	6.50%	84.31
<i>Cement to surface with company tools</i>			

Thank you for your business.

**Total** \$1,381.31

HAMMERSON CORPORATION

PO BOX 189  
Gas, KS 66742

# Invoice

Date	Invoice #
3/24/2022	20741

Bill To
K.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
140	Well Mud (\$8.80 Per Sack) Bolen 9A Ticket #20741	8.80	1,232.00T
1.25	Trucking	65.00	81.25
140	Well Mud (\$8.80 Per Sack) Bolen 16A Ticket #20742	8.80	1,232.00T
1.25	Trucking	65.00	81.25
140	Well Mud (\$8.80 Per Sack) Bolen 12A Ticket #20743	8.80	1,232.00T
1.5	Trucking	65.00	97.50
140	Well Mud (\$8.80 Per Sack) Bolen 17A Ticket #20760	8.80	1,232.00T
1.25	Trucking	65.00	81.25
140	Well Mud (\$8.80 Per Sack) Bolen 4A Ticket #20779	8.80	1,232.00T
1.25	Trucking	65.00	81.25
	SALES TAX	6.50%	400.40

*Cemented to surface  
with company tools*

Thank you for your business.

**Total** \$6,982.90



HAMMERSON CORPORATION

Invoice

PO BOX 189  
Gas. KS 66742

Date	Invoice #
4/20/2022	20876

Bill To
R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66932

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
100	Well Mud (\$8.80 Per Sack) Cox Lease Ticket #20876	8.80	880.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
140	Well Mud (\$8.80 Per Sack) Cox 1 Ticket #20878	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
140	Well Mud (\$8.80 Per Sack) Cox 4 Ticket #20883	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
140	Well Mud (\$8.80 Per Sack) Cox 3 Ticket #20885	8.80	1,232.00T
1.25	Hour Rate	65.00	81.25T
1	Fuel Surcharge	35.00	35.00T
90	Well Mud (\$8.80 Per Sack) Cox Lease Ticket #20886	8.80	792.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
140	Well Mud (\$8.80 Per Sack) Cox 31 Ticket #20896	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
1	Fuel Surcharge	35.00	35.00T
	SALES TAX	6.50%	469.06

*cement to surface  
with compy tools*

Thank you for your business.	<b>Total</b>	\$7,685.31
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HAMMERSON CORPORATION

# Invoice

PO BOX 189  
Gas. KS 66742

Date	Invoice #
4/28/2022	20900

Bill To
R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
140	Well Mud (\$8.80 Per Sack) Cox 4I Ticket #20900	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
140	Well Mud (\$8.80 Per Sack) Cox 5I Ticket #20904	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
160	Well Mud (\$8.80 Per Sack) Cox 6 Ticket #20910	8.80	1,408.00T
1	Hour Rate	65.00	65.00T
140	Well Mud (\$8.80 Per Sack) Cox 5 Ticket #20912	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
140	Well Mud (\$8.80 Per Sack) Cox 7 Ticket #20917	8.80	1,232.00T
1	Hour Rate	65.00	65.00T
	SALES TAX	6.50%	432.97
<i>Cement to surface Company tools</i>			
Thank you for your business.		<b>Total</b>	<b>\$7,093.97</b>



**WELL TREATMENT REPORT**

Customer: <b>RJ Energy</b>	Well: <b>Bolen 8A</b>	Ticket: <b>EP4124</b>
City, State: <b>Garnett, KS</b>	County: <b>CF, KS</b>	Date: <b>3/17/2022</b>
Field Rep: <b>Jason Kent</b>	S-T-R: <b>15-23-16</b>	Service: <b>Longstring</b>

**Downhole Information**

Hole Size:	5 5/8 in
Hole Depth:	1015 ft
Casing Size:	2 7/8 in
Casing Depth:	1005 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	5.82 bbls

**Calculated Slurry - Lead**

Blend:	OWC 1/2# PS
Weight:	15.00 ppg
Water / Sk:	6.75 gal / sx
Yield:	1.43 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	28.27 bbls
Total Sacks:	111 sx

**Calculated Slurry - Tail**

Blend:	
Weight:	ppg
Water / Sk:	gal / sx
Yield:	ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
11:00 AM			-	-	on location, held safety meeting
					established circulation
					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
					mixed and pumped 111 sks OWC cement with 1/2# PhenoSeal per sk, cement to surface
4.0					flushed pump clean
1.0					pumped 2 2 7/8" rubber plugs to casing TD with 5.82 bbls fresh water
1.0					pressured to 300 PSI, well held pressure
					released pressure to set float valve, shut in casing
					washed up equipment
12:00 PM					left location

	CREW	UNIT
Cementor:	Casey Kennedy	89
Pump Operator:	Nick Beets	239
Bulk:	Garrett Scott	193
H2O:	Keith Detwiler	110

**SUMMARY**

Average Rate	Average Pressure	Total Fluid
3.1 bpm	- psi	- bbls



**CEMENT TREATMENT REPORT**

Customer: <b>RJ Energy</b>	Well: <b>Bolen 11, 9I</b>	Ticket: <b>EP4258</b>
City, State: <b>Garentt, KS</b>	County: <b>CF, KS</b>	Date: <b>4/1/2022</b>
Field Rep: <b>Jason Kent</b>	S-T-R: <b>15-23-16</b>	Service: <b>Longstrings</b>

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1007 ft
Casing Size:	2 7/8 in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	Econobond 1# PS
Weight:	13.61 ppg
Water / Sk:	7.12 gal / sx
Yield:	1.56 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	0 sx

Calculated Slurry - Tail	
Blend:	
Weight:	PPG
Water / Sk:	gal / sx
Yield:	ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
1:00 PM			-	-	on location, held safety meeting
					#1I - 1007' OH, 997' 2 7/8"
					established circulation
4.0					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0					mixed and pumped 111 sks Econobond cement with 1# PhenoSeal per sk, cement to surface
4.0					flushed pump clean
1.0					pumped 2 2 7/8" rubber plugs to casing TD with 5.77 bbls fresh water
1.0					pressured to 800 PSI, well held pressure
					released pressure to set float valve, shut in casing
4.0					washed up equipment
					#9I - 1007' OH, 1001' 2 7/8"
4.0					established circulation
4.0					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0					mixed and pumped 121 sks Econobond cement with 1# PhenoSeal per sk, cement to surface
4.0					flushed pump clean
1.0					pumped 2 2 7/8" rubber plugs to casing TD with 5.79 bbls fresh water
1.0					pressured to 800 PSI, well held pressure
					released pressure to set float valve
4.0					washed up equipment
3:00 PM					left location

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	89	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick Beets	238	3.1 bpm	- psi	- bbls
Bulk:	Garrett Scott	247			
H2O:	Devin Katzer	193			



**CEMENT TREATMENT REPORT**

Customer: <b>RJ Energy</b>	Well: <b>13A</b>	Ticket: <b>EP4053</b>
City, State: <b>Leroy, KS</b>	County: <b>coffey</b>	Date: <b>3/9/22</b>
Field Rep:	S-T-R: <b>15-23-16</b>	Service: <b>Longstring</b>

Downhole Information	
Hole Size:	<b>5 5/8 in</b>
Hole Depth:	<b>1036 ft</b>
Casing Size:	<b>2 7/8 in</b>
Casing Depth:	<b>1026 ft</b>
Tubing / Liner:	<b>in</b>
Depth:	<b>ft</b>
Tool / Packer:	
Tool Depth:	<b>ft</b>
Displacement:	<b>5.9 bbls</b>

Calculated Slurry - Lead	
Blend:	<b>OWC 1/2 #PS</b>
Weight:	<b>15.0 ppg</b>
Water / Sx:	<b>6.8 gal / sx</b>
Yield:	<b>1.43 ft<sup>3</sup> / sx</b>
Annular Bbls / Ft.:	<b>bbs / ft.</b>
Depth:	<b>ft</b>
Annular Volume:	<b>0.0 bbls</b>
Excess:	
Total Slurry:	<b>32.5 bbls</b>
Total Sacks:	<b>128 sx</b>

Calculated Slurry - Tail	
Blend:	
Weight:	<b>ppg</b>
Water / Sx:	<b>gal / sx</b>
Yield:	<b>ft<sup>3</sup> / sx</b>
Annular Bbls / Ft.:	<b>bbs / ft.</b>
Depth:	<b>ft</b>
Annular Volume:	<b>0 bbls</b>
Excess:	
Total Slurry:	<b>0.0 bbls</b>
Total Sacks:	<b>0 sx</b>

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
11:00am			-	-	On location, held safety meeting
	4.0			-	Established circulation
	4.0			-	Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water
	4.0			-	Mixed and pumped 128SKS owc cement with 1/2# phenoseal per sk, cement to surface
	4.0			-	flushed pumped clean
	1.0			-	Pumped 2 2 7/8" rubber plugs to casing TD with 5.94 BBL of fresh water
	1.0			-	Pressured up to 1000 PSI, well held pressure
				-	Released pressure to set float valve
	4.0			-	Washed up equipment
12:00PM					Left location

	CREW	UNIT	SUMMARY		
			Average Rate	Average Pressure	Total Fluid
Cementer:	<b>Garrett Scott</b>	<b>89</b>			
Pump Operator:	<b>Nick Beets</b>	<b>239</b>	<b>3.1 bpm</b>	<b>- psi</b>	<b>- bbls</b>
Bulk #1:	<b>scott mcrea</b>	<b>246</b>			
Bulk #2:	<b>Kelth Detwiler</b>	<b>124</b>			