

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
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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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McGOWAN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #				Casing			
Dennis Crotts #3-I				Surface		Longstring	
RJ ENERGY, LLC				Size:	7.0 "	Size:	2 7/8 "
				Tally:	43.1 '	Tally:	1030 '
API #:	15-031-24381	S-T-R:	28-22-16E	Cement:	5 sx	Bit:	5.875 "
County:	Coffey	Date:	2/27/2019	Bit:	9.875 "	Date:	
Top	Base	Formation	Top	Base	Formation		
0	2	Soil					
2	18	Clay					
18	21	Sand & gravel					
21	193	Shale					
193	238	Lime					
238	326	Shale					
326	339	Lime					
339	353	Shale					
353	360	Lime					
360	365	Shale					
365	371	Lime					
371	379	Shale					
379	456	Lime					
456	465	Shale					
465	467	Lime					
467	507	Shale					
507	593	Lime					
593	599	Shale					
599	620	Lime					
620	806	Shale					
806	815	Lime					
815	818	Shale					
818	826	Limey Shale					
826	828	Lime					
828	873	Shale					
873	877	Lime					
877	900	Shale					
900	904	Lime					
904	918	Shale					
918	924	Lime					
924	940	Shale					
940	947	Lime					
947	952	Shale					
952	955	Lime					
955	963	Shale					
963	?	Sand					
?	988	Shale					
			Total Depth:		1034		

Sand / Core Detail		
Core #1:	Core #2:	
992	994	Slight odor, laminated, slight bleed in samples.
994	1009	Good odor, good bleed, soft, solid sand.

HAMMERSON CORPORATION

PO BOX 189
Gas, KS 66742

Invoice

Date	Invoice #
3/3/2019	14273

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
125	WELL MUD (\$8.00 PER SACK) Well Murray 19A Ticket # 14273-14274	8.00	1,000.00T
2	TRUCKING (\$50 PER HOUR)	50.00	100.00T
125	WELL MUD (\$8.00 PER SACK) Well-Dennis Crotts Ticket # 14276-14277	8.00	1,000.00T
1.5	TRUCKING (\$50 PER HOUR)	50.00	75.00T
125	WELL MUD (\$8.00 PER SACK) Well-Murray 19I Ticket # 14278-14279	8.00	1,000.00T
1.5	TRUCKING (\$50 PER HOUR)	50.00	75.00T
130	WELL MUD (\$8.00 PER SACK) Well-Dennis Crotts 3I Ticket # 14280-14281	8.00	1,040.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
125	WELL MUD (\$8.00 PER SACK) Well-Murray Twins 20A Ticket # 14282-14283	8.00	1,000.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
	SALES TAX	6.50%	350.35

Thank you for your business.	Total	\$5,740.35
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