



1365914

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			
Geologist Report / Mud Logs	<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)*

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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

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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# McGOWN

DRILLING, INC.

**Operator:**  
 RJ Energy, LLC  
 Garnett, KS

**Martin #18A**  
 Anderson Co, KS  
 30-22-19E  
 API # 003-26606-00-00

<b>Spud Date:</b>	6/28/2017	<b>Surface Bit:</b>	9.875"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	21'	<b>Longstring:</b>	6/23/1902
<b>Surface Cement:</b>	4 sx	<b>Longstring Date:</b>	6/29/2017
<b>Longstring:</b>	2 7/8 EUE		

## Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	10	Clay	
10	30	Lime	
30	32	Shale	
32	46	Lime	
46	156	Shale	
156	174	Lime	
174	212	Shale	
212	213	Lime	
213	225	Shale	
225	276	Lime	
276	297	Shale	
297	299	Lime	
299	328	Shale	
328	447	Lime	
447	584	Shale	
584	586	Lime	
586	621	Shale	
621	653	Lime	
653	721	Shale	
721	729	Lime	
729	736	Shale	
736	737	Lime	
737	744	Shale	

Martin #18A  
Anderson, Co, KS

744	750	Lime	
750	793	Shale	
793	800	Lime	
800	806	Shale	
806	814	Lime	
814	830	Shale	
830	838	Sand, Shale	Odor
838	842	Sand	Good odor, slight bleed to pit, broken, mostly shale, fair bleed in samples
842	850	Sand	Good odor, fair bleed to pit, broken sand
850	874	Sand	Good odor, good bleed to pit, broken sand, mostly sand
874	880	Sand	Black sand, slight odor
880	911	Shale	
911		TD	

HAMMERSON CORPORATION

PO BOX 189  
GAS, KS 66742

# Invoice

Date	Invoice #
7/3/2017	11053

<b>Bill To</b>
MCGOWN DRILLING, INC. P.O. BOX K MOUND CITY, KS 66056

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
100	WELL MUD (\$8.00 PER SACK)	8.00	800.00
	ANDERSON COUNTY SALES TAX (WELL MUD)	8.00%	64.00
1	TRUCKING (\$50 PER HOUR)	50.00	50.00
	ANDERSON COUNTY SALES TAX	8.00%	4.00
	WELL MARTIN 18A		
Thank you for your business.		<b>Total</b>	\$918.00



**PAID** 7/5/17  
CL# 2093  
LEASE

# Hammerson Ready Mix

1300 2200 Rd.  
Gas, KS 66742  
620-365-7200

PLANT	TIME 5:13	DATE 7/25/17	ACCOUNT MOGOUN	TRUCK 177	DRIVER ETHAN	TICKET 11853
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CUSTOMER NAME MOGOUN DRILLING P.O. BOX K BOUND CITY, KS 66056	DELIVERY ADDRESS WELL MARTIN 160
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PURCHASE ORDER	SALES ORDER 533	TAX ANDERSON	CREDIT	SLUMP 0.00 in
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LOAD QTY.	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
10.00 yd	WELL MIX	WELL (10 BAGS PER YARD)	10.00	10.00		
10.00 yd	HAUL & MIX	HAUL & MIX	10.00	10.00		

LOADED 4:00	ARRIVE JOB SITE 4:20	START DISCHARGE 4:25	FINISH DISCHARGE	ARRIVE PLANT
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SUB TOTAL  
DISCOUNT  
TAX  
TOTAL  
PREVIOUS TOTAL  
GRAND TOTAL

This batch of concrete is mixed with the proper amount of water. If additional water is desired, please instruct the driver.	ADDITIONAL WATER ADDED ON JOB →	Gallons	By

UNLOADING TIME ALLOWED 30 MINUTES PER TRIP EXTRA CHARGE FOR OVER 30 MINUTES →
RECEIVED IN GOOD CONDITION BY X

CAUTION: Freshly mixed cement, mortar, grout or concrete may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly with water. If any cementitious material gets into the eye, rinse immediately and repeatedly with water and get prompt medical attention.  
KEEP OUT OF REACH OF CHILDREN

Purchaser waives all claims for personal or property damage caused by seller's truck when delivery is made beyond street curb line.  
If not paid as agreed, this credit agreement provides for your payment of reasonable costs of collection, including, but not limited to, court costs, attorney fees and/or collection agency fees.