

1270799



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 _____
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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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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	LMLU 208
Doc ID	1270799

All Electric Logs Run

ANNULAR HOLE VOLUME PLOT
ARRAY COMPENSATED TRUE RESISTIVITY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH
BOREHOLE COMPENSATED SONIC ARRAY LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG 2 INCH
MICROLOG
QUAD COMBO LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	LMLU 208
Doc ID	1270799

Tops

Name	Top	Datum
Heebner	3934	
Toronto	3950	
Lansing	4012	
Kansas City	4443	
Marmaton	4601	
Pawnee	4699	
Cherokee	4752	
Atoka	4944	
Morrow	5057	
Chester	5284	
St Genevieve	5395	
St Louis	5479	



1700 S. Country Estates Rd.
 Liberal, Kansas 67905
 Phone 620-624-2277

FIELD SERVICE TICKET
 1717 05460 A

DATE 7/19 TICKET NO. _____

DATE OF JOB <u>7-18-15</u> DISTRICT _____		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: _____				
CUSTOMER <u>Merit</u>		LEASE <u>LMLU</u>		WELL NO. <u>208</u>		
ADDRESS _____		COUNTY <u>Grant</u>		STATE <u>Ks.</u>		
CITY _____ STATE _____		SERVICE CREW <u>Daniel, Mario</u>				
AUTHORIZED BY <u>Tyce Davis</u>		JOB TYPE: <u>Z42 Surface</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>7-18-15</u> DATE <u>7-18-15</u> AM <u>5:00</u> TIME
<u>78938</u>	<u>3.5</u>					ARRIVED AT JOB <u>AM 10:30</u>
<u>38117/19919</u>	<u>3.5</u>					START OPERATION <u>7-19-15</u> <u>PM 12:20</u>
<u>30464/37724</u>	<u>3.5</u>					FINISH OPERATION <u>PM 4:05</u>
<u>14354/19578</u>	<u>3.5</u>					RELEASED <u>7-19-15</u> <u>PM 5:00</u>
						MILES FROM STATION TO WELL <u>50</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL 101	✓ A-Con Blend	sk	275		5115.00
CL 110	✓ Premium Plus Cement	sk	240		3912.00
CC 109	✓ Calcium Chloride	lb	1229		1290.45
CC 102	✓ Celloflake	lb	129		477.30
CC 130	✓ C-51	lb	52		1300.00
E 101	Heavy Equipment Mileage	mi	150		1125.00
CE 240	Blending & Mixing Service Charge	sk	515		721.00
E 113	Proppant & Bulk Delivery Charges	tm	1213		3031.25
CE 202	Depth Charge: 1001 - 2000'	4hrs	1		1500.00
CE 504	Plug Container Utilization Charge	job	1		2500.00
E 100	Unit Mileage Charge - Pickups, Small V.	mi	50		225.00
3003	Service Supervisor, First 8hrs. on loc.	ea	1		1750.00
T 105	Cement Data Acquisition Monitor	ea	1		550.00
	<u>Well LMLU 208</u>				
	<u>AFE 45306</u>				
	<u>GL 8300 1075</u>				

Office Ulysses KS

Date 7/19/15

SUB TOTAL 9049.12

CHEMICAL / ACID DATA:	

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE Daniel Dech THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
 (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



Cement Report

Customer <i>Merit Energy</i>	Lease No.	Date <i>7-18-15</i>
Lease <i>LMLU</i>	Well # <i>208</i>	Service Receipt <i>1717 05460 A</i>
Casing <i>8 5/8" 24#</i>	Depth <i>1563.21 ft</i>	County <i>Grant</i>
Job Type <i>242 Surface</i>	Formation	State <i>Ks.</i>
		Legal Description <i>12 27 35</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8" 24#</i>	Tubing Size	Shots/Ft		Lead 'A-Con' Blend <i>275sk</i>
Depth <i>1563.21 ft</i>	Depth	From	To	
Volume <i>96.8 bbl</i>	Volume	From	To	<i>2.40^{ft3}/sk 14.00^{gal}/sk</i>
Max Press <i>1700</i>	Max Press	From	To	Tail in Premium Plus <i>240sk Cement</i>
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	
Plug Depth <i>1518.53 ft</i>	Packer Depth	From	To	<i>1.34^{ft3}/sk 6.33^{gal}/sk</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>17:00</i>					<i>Call Out</i>
<i>22:30</i>					<i>Hot Shot Truck, On Location</i>
<i>22:45</i>					<i>Safety Meeting w/ BES Personnel</i>
<i>23:00</i>					<i>Rig Up</i>
<i>12:05</i>					<i>Safety Meeting w/ Rig Crew</i>
<i>12:20</i>					<i>Pressure Test to 1700psi</i>
<i>12:30</i>					<i>Pump Broke Down</i>
<i>2:00</i>					<i>Pump Lead + Pump Tail</i>
<i>3:05</i>					<i>Shutdown / Drop Plug / Wash Pump</i>
<i>3:10</i>	<i>50</i>		<i>10</i>	<i>5.0</i>	<i>Displacement</i>
	<i>400</i>		<i>20</i>	<i>4.9</i>	
	<i>300</i>		<i>30</i>	<i>5.0</i>	
	<i>350</i>		<i>40</i>	<i>4.8</i>	
	<i>350</i>		<i>50</i>	<i>4.9</i>	
	<i>350</i>		<i>60</i>	<i>5.0</i>	
	<i>380</i>		<i>70</i>	<i>5.0</i>	
	<i>410</i>		<i>80</i>	<i>5.0</i>	
	<i>400</i>		<i>86</i>	<i>1.8</i>	<i>Slow Rate</i>
<i>3:50</i>	<i>450</i>		<i>96.8</i>	<i>2.7</i>	
					<i>Pressure Up to 1500 + hold 15 min.</i>
<i>4:05</i>					<i>Release Back Float Held</i>
					<i>Job Complete</i>
Service Units	<i>78938</i>	<i>38117/19919</i>	<i>30464/37724</i>	<i>14354/14578</i>	
Driver Names	<i>Daniel</i>	<i>Mario</i>	<i>Daniel</i>	<i>Mario</i>	

James Cutter
Customer Representative

Tyler Davis
Station Manager

Daniel Beck
Cementer

Cement Report

Customer <i>Merit Energy</i>		Lease No.		Date <i>7-22-15</i>	
Lease <i>LMLU</i>		Well # <i>208</i>		Service Receipt <i>1717 05461 A</i>	
Casing <i>5 1/2" 17#</i>	Depth <i>5487.10ft</i>	County <i>Grant</i>		State <i>Ks.</i>	
Job Type <i>242 Production</i>		Formation		Legal Description <i>12 27 35</i>	
Pipe Data			Perforating Data		Cement Data
Casing size <i>5 1/2" 17#</i>	Tubing Size	Shots/Ft		Lead	
Depth <i>5487.10ft</i>	Depth	From	To		
Volume <i>126.266bbl</i>	Volume	From	To		
Max Press <i>2700</i>	Max Press	From	To	Tail in 50/50 Poz <i>295sk</i>	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		
Plug Depth <i>5442.51ft</i>	Packer Depth	From	To	<i>1.58^{sq}/sk 7.36^{sq}/sk</i>	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:30</i>					<i>Call Out</i>
<i>10:30</i>					<i>On Location</i>
<i>11:45</i>					<i>B.E.S. Safety Meeting</i>
<i>12:00</i>					<i>Rig Up</i>
<i>13:15</i>					<i>Safety Meeting w/ Rig Crew</i>
<i>13:50</i>					<i>Rig Up Head</i>
<i>14:00</i>					<i>Pressure Test to 2700</i>
<i>14:10</i>			<i>83.01 bbls slurry</i>	<i>5.0</i>	<i>Pump Lead</i>
<i>14:45</i>					<i>Drop Plug Wash Pump / Displace</i>
	<i>50</i>		<i>30</i>	<i>5.6</i>	
	<i>50</i>		<i>40</i>	<i>5.6</i>	
	<i>50</i>		<i>50</i>	<i>5.5</i>	
	<i>50</i>		<i>60</i>	<i>5.4</i>	
	<i>50</i>		<i>70</i>	<i>5.1</i>	
	<i>150</i>		<i>80</i>	<i>4.2</i>	
	<i>300</i>		<i>90</i>	<i>4.0</i>	
	<i>750</i>		<i>100</i>	<i>4.1</i>	
	<i>800</i>		<i>110</i>	<i>2.0</i>	<i>slow rate</i>
	<i>1100</i>		<i>120</i>	<i>1.6</i>	
<i>15:30</i>	<i>1100</i>		<i>127.5</i>	<i>1.5</i>	<i>Land Plug, pressure up to 1500 wait 5 min</i>
					<i>Release Back Float didn't hold</i>
					<i>Pressure up to 1500, release back float</i>
					<i>didn't hold. Pressure up to 1280 close in</i>
Service Units	<i>78938</i>	<i>38119/19570</i>	<i>38111/37724</i>	<i>15:45</i>	<i>head job complete</i>
Driver Names	<i>Daniel</i>	<i>Hector E.</i>	<i>HECTOR R.</i>		

James Cutter
Customer Representative

Tyce Davis
Station Manager

Daniel Beck
Cementer