

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1261454
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: _____

1261454

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			
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)*

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	A.I. Watkins 20-1
Doc ID	1261454

All Electric Logs Run

ARRAY COMPENSATED SONIC ARRAY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG
MICROLOG
QUAD COMBO LOG
REPEAT PASS

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	A.I. Watkins 20-1
Doc ID	1261454

Tops

Name	Top	Datum
HEEBNER	4143	
TORONTO	4161	
LANSING	4238	
MARMATON	4825	
PAWNEE	4940	
CHEROKEE	4991	
ATOKA	5183	
MORROW	5303	
CHESTER	5419	
ST GENEVIEVE	5522	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	A.I. Watkins 20-1
Doc ID	1261454

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	5220-5221 (squeezed)	180 sx - 50/50 Poz	5220-5221
	Cement Retainer@5198		5198
1	5060-5061 (squeezed)	240 sx - 50/50 Poz	5060-5061
	Cement Retainer@5050		5050
1	CIBP@5045		5045
1	4930-4931 (squeezed)	80 sx- 50/50 Poz	4930-4931
4	4843-4854 Marmaton	Acidize-5000 gal 15%HCL, flushed w/ 34 bbls 4%KCL	4843-4854
		Frac-1405 bbls linear gel, 110,028 lbs of 20/40 Frac sand & 2,850,000 SCF N2	4843-4854
1	4550-4551 (squeezed)	80 sx - 50/50 Poz	4550-4551



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 05434 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-25-15	DISTRICT 1717	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 Merit Energy	LEASE A1 Watkins	20-1		WELL NO.					
ADDRESS	COUNTY Haskell	STATE Ks							
CITY	STATE	SERVICE CREW Juan Carlos Margarita Rogelio							
AUTHORIZED BY Tyce Davis	JOB TYPE: 2-42 Sew Svc								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 4-25-15	AM	TIME
89315	10	36464	10					<input checked="" type="checkbox"/>	4:00
38750	10	37725				ARRIVED AT JOB		<input checked="" type="checkbox"/>	6:00
19892	1					START OPERATION		<input checked="" type="checkbox"/>	8:15
19831	10					FINISH OPERATION		<input checked="" type="checkbox"/>	9:18
37547	10					RELEASED		<input checked="" type="checkbox"/>	10:00
						MILES FROM STATION TO WELL	50		

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
c1101	✓ Iron Blend	skt	250		46 50 00
c1110	✓ Potassium Plus Cement	skt	240		3912 00
cc109	✓ Calcium Chloride	lb	1157		1214 85
cc102	✓ Celloflake	lb	123		455 10
cc130	✓ C-51	lb	47		1175 00
e101	Heavy Equipment Mileage	mi	150		1125 00
ce246	Blending & Mixing Charge	skt	490		686 00
e113	Bulk Delivery charge	fm	1153		2881 25
ce202	Depth Charge cool 2000	4hrs	1		1500 00
ce504	Plug container charge	job	1		250 00
e100	Unit Mileage charge Pickup	mi	50		225 00
S003	Service Supervisor	ea	1		175 00
cl503	High Head	ea	1		300 00
T105	✓ Cement Water Acquisition Merit for Well A1 Watkins 20-1	ea	1		550 00
	AFE 44819				
	GL 83001075				
	Office Liberal				
	Date 4/25/15				

SUB TOTAL \$ 9549.30

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE:

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Cement Report

Customer Merit Energy		Lease No.		Date 4-25-15		
Lease A1 Waffens		Well # 20-1		Service Receipt 5434		
Casing 8 5/8	Depth	County Haskell		State KS		
Job Type 2-42	Formation	Legal Description Sec 20 Twp 30-R-32				
Pipe Data			Perforating Data		Cement Data	
Casing size 8 5/8	Tubing Size	Shots/Ft		Lead Don 12.1		
Depth	Depth	From	To	250 sm		
Volume	Volume	From	To	void 2.40		
Max Press 1500	Max Press	From	To	galsk 14.06		
Well Connection 8 5/8	Annulus Vol.	From	To	Tail in Don 14.8		
Plug Depth	Packer Depth	From	To	240 s/ks		
				void 1.34		
				galsk 6.33		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	
6:30					GW location	
7:00					Saffy Meeting & Rig up	
8:15	2000		1	—	Prime up Psi Test	
8:18	100		107	6.0	Start Lead Cement	
8:33	100		58	6.0	Start Tail Cement	
8:45	0		—	—	Shut Down	
8:46	0		—	—	Drop Plug	
8:47	0		—	—	Washup	
8:48	100		1	5.0	Start Displacement	
8:56	350		50	5.0	Lift Psi	
9:04	450		80	2.0	Slowdown Rate	
9:10	1000		92	—	Shut Down	
9:10	1000		—	—	Plug landed	
9:15	0		2	—	Release back float didn't hdd	
9:18	900		2	.5	Psi up casing	
9:20	0		—	—	Released back float didn't hdd	
9:20	400		2	.5	Psi up casing	
9:30	0		—	—	Shut in Head	
9:45					Keydown	
Service Units		89315	38750	19842	19881/57547	30464/37725
Driver Names		JUAN	Carlos		Margarito	Rogelio

Early

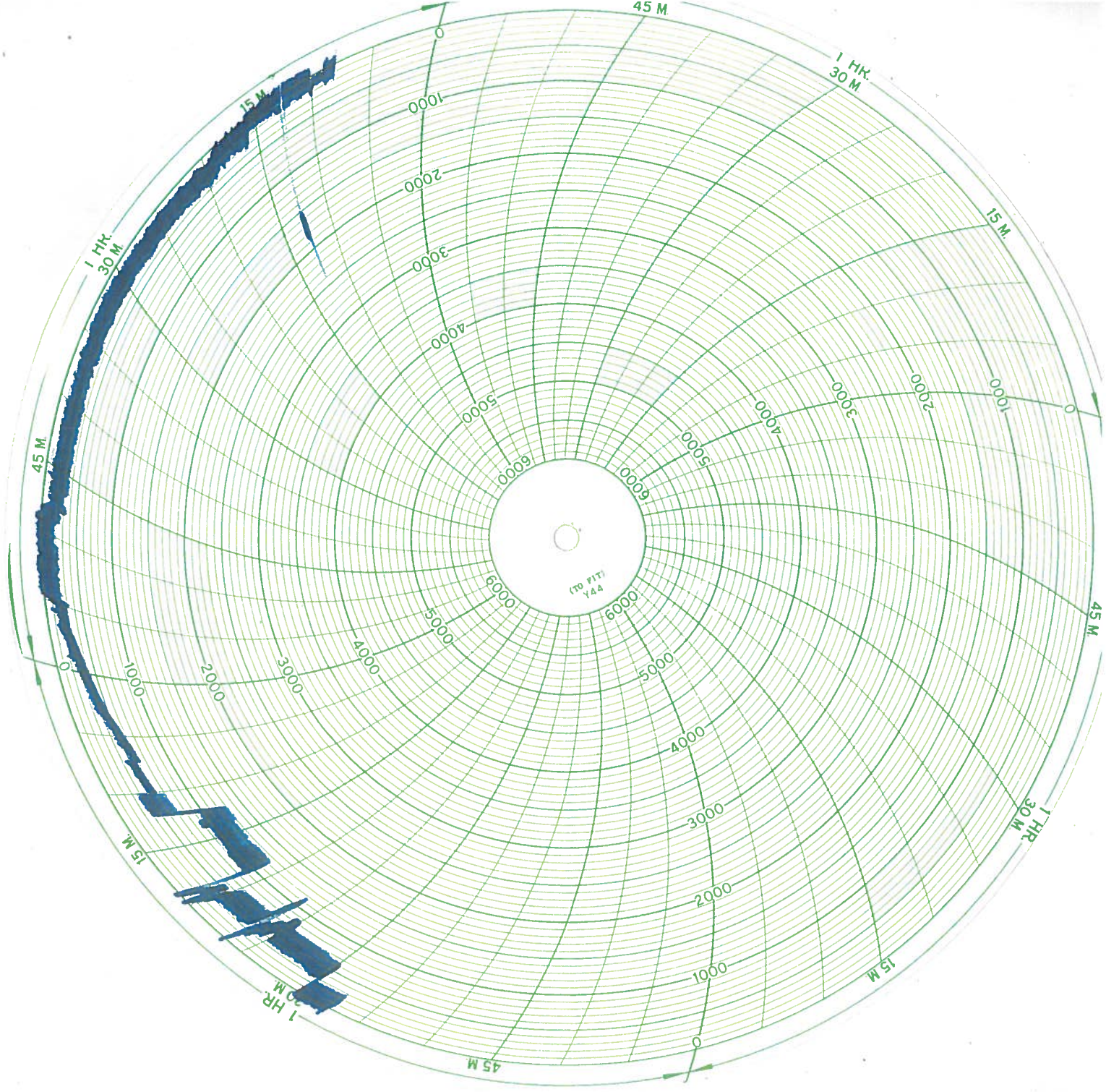
Customer Representative

Tyce Davis

Station Manager

JUAN Ortiz

Cementer





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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 05436 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-29-15 DISTRICT 1717		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 Merit Energy		LEASE AE Watkins 20-1 WELL NO.							
ADDRESS		COUNTY Haskell		STATE KS					
CITY STATE		SERVICE CREW Juan Margarito Rogelio							
AUTHORIZED BY Tyce Davis		JOB TYPE: 2-42 Long String							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
89315	10						4-29-15	AM	11:00
38750	10					ARRIVED AT JOB		PM	5:30
19842	1					START OPERATION		PM	7:00
27808	10					FINISH OPERATION		PM	8:15
37725	10					RELEASED		AM	9:00
						MILES FROM STATION TO WELL	50		

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

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
c1104	✓ 50150 Pos	skt	260		2860 00
cc111	✓ Salt	lb	1443		721 50
cc201	✓ Gilsonite	lb	1300		871 00
cc113	✓ Gypsam	lb	1095		821 25
cc103	✓ C-15	lb	137		1650 00
cc105	✓ E-41P	lb	55		220 00
cc200	✓ Cement Gel	lb	438		109 50
cf103	✓ Rubber Cement Plug 5 1/2	ea	1		105 00
ef101	Heavy Equipment Mileage	mi	150		1125 00
ce240	Blending & Mixing charge	skt	260		364 00
e113	Bulk Delivery charge	dm	548		1368 75
ce206	Depth Charge 5001-6000	4hrs	1		2880 00
ce504	Plug Container charge	job	1		250 00
e100	Unit Mileage charge Pickup	mi	50		225 00
5003	Service Supervisor	ea	1		175 00
Well AE Watkins 20-1					
AFE 44819					
GL 83001075					
					SUB TOTAL \$6243.45

CHEMICAL / ACID DATA:		SERVICE & EQUIPMENT	%TAX ON \$
	Office Liberal	MATERIALS	%TAX ON \$
	Date 4/29/15	TOTAL	

SERVICE REPRESENTATIVE <i>Juan Rogelio</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Juan Rogelio</i> (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.



Cement Report

Customer	Merit Energy	Lease No.		Date	4-29-15
Lease	Al Watkins	Well #	20-1	Service Receipt	5435A
Casing	5 1/2	Depth	5553	County	Haskell
Job Type	2-42	Formation		State	KS
			Legal Description	Sec 20 Twp 30-R-32	

Pipe Data		Perforating Data		Cement Data
Casing size	5 1/2	Tubing Size		Lead Den 13-8
Depth	5508.29	Depth	From To	2600's
Volume	127.19	Volume	From To	yield 1.49
Max Press	1500	Max Press	From To	9.65 x 6.64
Well Connection	5 1/2	Annulus Vol.	From To	Tail in
Plug Depth		Packer Depth	From To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					on location
4:30					Safety Meeting & Rig up
7:00	1500		1	—	Prime up P's & Test
7:02	100		69	6.0	Start Lead Cement
7:10	0		—	—	Shut Down
7:21	0		—	—	Drop Plug
7:24	—		—	—	Wash up
7:25	50		1	5.0	Start Displacement
7:50	—		170	2.0	Slow down Rate
7:54	150		178	—	Shut Down
7:54	0		—	—	Plug didn't land
7:54	—		—	—	Vacume
8:00	0		1	.5	Pump 1 bbl
8:15	0				Shut Down vacume

Service Units	89315	38750	19842	27808	37725
Driver Names	JUAN	Margarito		Rogelio	

Early Customer Representative
 Tyce Davis Station Manager
 JUAN Ortiz Cementer



Cement Report

Customer <i>Merit Energy</i>	Lease No	Date <i>5-5-13</i>
Lease <i>A1-Watkins</i>	Well # <i>20-1</i>	Service Receipt <i>1717-05560A</i>
Casing <i>5 1/2"</i>	Depth	County <i>Haskell</i>
Job Type <i>Squeeze</i>	Formation	State <i>KS</i>

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size <i>2 7/8</i>	Shots/Ft		Lead <i>1805C 50/50</i> <i>102</i>
Depth	Depth <i>5198</i>	From <i>5200</i>	To <i>5201</i>	
Volume	Volume <i>30.09</i>	From	To	<i>1.58</i> <i>4.91</i>
Max Press	Max Press <i>2500</i>	From	To	Tail in
Well Connection	Annulus Vol.	From	To	<i>n/A</i>
Plug Depth	Packer Depth <i>5198</i>	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>09:00</i>					<i>On location</i>
<i>10:45</i>					<i>Wire line Rigging Down</i>
<i>11:00</i>					<i>Call in trucks</i>
<i>12:00</i>					<i>Rise up / Safety mts w/BES Employees</i>
<i>13:15</i>					<i>Safety mts w/Rig crew</i>
<i>13:25</i>					<i>Pressure test 2500</i>
<i>13:25</i>	<i>500</i>		<i>1/2 BBL</i>		<i>head backside</i>
<i>13:30</i>	<i>1000</i>		<i>32</i>	<i>3</i>	<i>Establish Injection</i>
<i>13:44</i>	<i>500</i>				<i>Pressured up back side again</i>
<i>13:46</i>	<i>1000</i>			<i>3</i>	<i>Start Cementing</i>
<i>13:53</i>	<i>300</i>			<i>3</i>	
<i>13:59</i>	<i>100</i>			<i>3</i>	
<i>14:05</i>					<i>Shot down & Wash up to Pit</i>
<i>14:09</i>	<i>80</i>			<i>3.5</i>	<i>Start Displacement</i>
	<i>600</i>		<i>7 gals</i>	<i>3.0</i>	<i>Caught Pressure</i>
	<i>700</i>		<i>10</i>	<i>2.8</i>	
			<i>14 1/2 gals</i>		<i>Circulation to Surface</i>
	<i>1000</i>		<i>20</i>	<i>2.6</i>	
	<i>1200</i>		<i>29</i>	<i>0</i>	<i>Shutdown</i>
<i>14:33</i>	<i>400</i>			<i>3</i>	<i>Reverse out</i>
<i>14:42</i>			<i>29 BBL</i>		<i>Flagged Cement</i>
<i>14:49</i>			<i>45 gals</i>		<i>Shutdown</i>
					<i>Job Complete</i>

Service Units					
Driver Names					

Wes Williamson *Lycet Davis* *Tommy Marshall*
 Customer Representative Station Manager Cementer



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1717 05561 A

DATE 5/7 TICKET NO. _____

DATE OF JOB <u>5/7/15</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>Ment Energy</u>	LEASE <u>A Watkins</u>			WELL NO. <u>20-1</u>				
ADDRESS _____			COUNTY <u>Haskell</u>	STATE <u>KS</u>				
CITY _____	STATE _____	SERVICE CREW <u>Tommy, Ed, Hector, Tyce</u>						
AUTHORIZED BY <u>Tyce Davis</u>		JOB TYPE: <u>742 Squeeze</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE <u>5/7</u> AM/PM <u>AM</u>	TIME <u>10:30</u>
<u>86573</u>	<u>4 1/2</u>					ARRIVED AT JOB	<u>AM</u>	<u>1:10</u>
<u>3817/19919</u>	<u>4 1/2</u>					START OPERATION	<u>AM</u>	<u>3:11</u>
<u>33021/14284</u>	<u>4 1/2</u>					FINISH OPERATION	<u>AM</u>	<u>4:38</u>
						RELEASED	<u>AM</u>	<u>5:30</u>
						MILES FROM STATION TO WELL		

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SIGNED: X Was Williamson
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL104	✓ 50/50 Poz	SK	240		
CC111	✓ Salt	lb	1584		
CC113	✓ Gypsum	lb	1010		
CC103	✓ C-15	lb	122		
CC105	✓ C-41A	lb	51		
E101	Heavy Equipment Mileage	mi	100		
CE240	Blending + Mixing Service Charge	SK	240		
E113	Proppant to Bulk Delivery Charges	tm	505		
CE206	Depth Charge 5001-600	hrs	1		
E100	Unit Mileage Charge "Pickup"	mi	50		
SC033	Service Supervisor	eq	1		
TT05	Cement Data Acquisition Monitor	ec	1		
				SUB TOTAL	<u>6653.35</u>

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Tommy Maxwell

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X Was Williamson 5-7-15
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	Merit Energy	Lease No		Date	5-17-13
Lease	H1 Watkins	Well #	20-1	Service Receipt	1717-05561A
Casing	5 1/2 17#	Depth		County	Haskell
Job Type	Squeeze	Formation		State	KS
				Legal Description	20/30/32

Pipe Data		Perforating Data		Cement Data	
Casing size	Tubing Size 2 7/8	Shots/Ft		Lead 240 SK 50/50 @ 13.5	
Depth	5050	From	To		
Volume	29.23	From	To	1.58	7.91
Max Press	2500	From	To	Tail in	
Well Connection	Annulus Vol.	From	To		
Plug Depth	Packer Depth 5050	From	To		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					Callout
13:10					On location running tubing in hole
13:30	1000		112BB	3.25	big up low side truck + pump for injection
14:10					low side shutdown + rig down
14:30					spot in / rig up
15:04					set by unit
15:11					pressure test 2800psi
15:13	500		1 1/4	1.6	loady back side
15:15	400		9	3.0	load job Est. rate
15:19	50			1.0	cut rate + started mixing
15:24					pull samples + check weight, 13.5 good
15:34	50			2.9	
15:42	50		67BBs	3.0	
15:50	50			3.0	Start Displacement Washup down hole.
15:56	50		10	2.9	
15:59	300		15	2.9	Caught lift pressure
16:01	200			2.3	Slow Rate
16:03	320			2.3	
	160		25	1	Slow Rate
16:05	200		25 1/2	1	
16:06	300		26	1	
16:07	380		27	1	
16:08	400		28	1	shut down ISIP 200

Service Units	86573	33021/434	38117/19919		
Driver Names	Tommy M	Hector R	Ed M		

Wes Williamson Customer Representative
 Lyce Davis Station Manager
 Tommy Warrick Cementer



JOB LOG CONT

TICKET#
1717-05561A

TICKET DATE
5/7/15

Chart No.	Time	Rate (BPM)	Volume (BBL) (GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	16:09							String out
	16:11							Knock loose pull 1370 Sub
	16:16							Hook up + Lev Out
	16:20	2.0	1/2	2.0	200			
	16:21	2.9	2 1/2		400			
	16:24	2.9	10		400			
	16:28	2.9	20		400			
	16:32		28					Flagged Cement
	16:33		31					Cleaned up
	16:38		45					Shot down
								Job Complete.
								Merit Energy
								Al Watkins 20-1
								Squeeze
								Tommy Marcelly



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	Morfit Energy	Lease No.		Date	5/11/15
Lease	Watkins	Well #	201	Service Receipt	1717-05563A
Casing	Depth	County	Haskell	State	KS

Job Type	Squeeze	Formation		Legal Description	
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Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead 805K 50/50 Pz @ 15.5
Depth	Depth	From	To	1.58435K 7.91 gal/sk Tail in
Volume	Volume	From	To	
Max Press	Max Press	From	To	
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
10:00					On location / Spot in
11:00					Safety
11:57	500		4 1/2	2	Load backside
12:00					Reload backside / Standoff
12:05	1000				Raise pressure on backside / Still leaking
12:10	1000				Pull upon packer / Still leaking Release
					Back and Pull 1ST
12:20	1000				Pressure up again Still leaking
12:22					TOH PKR leaking
13:45					TIH
14:27	1000				Rig up / load backside
14:47	500		4	1.9	Pump Down tubing
14:45					Shutdown. Mix Mud Cedar. Wait on white
15:02	0			3	Start Pumping Mud Cedar 12#
	400		10	3	
	400		20	3	
	380		30	3	
	380		40	3.1	
	500		46	3	
15:20	1000		50	2.9	
15:30	1500		60	3.0	
	1500		70	3.0	
15:35					Start Mixing 16 # Mud Cedar

Service Units	86573	35117/19919	33021/14284		
Driver Names	Tommy M...	Heitor Esquivel	Rojelio Mester		

Mike Self Customer Representative
 Tyce Davis Station Manager
 Tommy Marcelles Cementer
 Taylor Printing, Inc.



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

FIELD SERVICE TICKET
1717 05563 A

DATE 5/13 TICKET NO. _____

DATE OF JOB <u>5/13/15</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 Energy</u>	LEASE <u>Al Watkins</u>	WELL NO. <u>20/1</u>								
ADDRESS _____	COUNTY <u>Haskell</u>	STATE <u>KS</u>								
CITY _____	STATE _____	SERVICE CREW <u>Tommy, Hector E, Rajelio.</u>								
AUTHORIZED BY <u>Chad Hintz</u>	JOB TYPE: <u>Z4Z Squeeze</u>									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>86573</u>	<u>22</u>						<u>3/11</u>			
<u>38117/19919</u>	<u>22</u>					ARRIVED AT JOB				<u>10:00</u>
<u>33021/14284</u>	<u>22</u>					START OPERATION	<u>5/11</u>			<u>11:57</u>
						FINISH OPERATION	<u>5/13</u>			<u>10:10</u>
						RELEASED	<u>5/13</u>			<u>12:08</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: X M [Signature] (Well Owner, Operator, Contractor or Agent)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CL106</u> ✓	<u>50/50 POZ</u>	<u>sk</u>	<u>80</u>		
<u>CC113</u> ✓	<u>Gypsum</u>	<u>lb</u>	<u>340</u>		
<u>CC111</u> ✓	<u>Salt</u>	<u>lb</u>	<u>534</u>		
<u>CC103</u> ✓	<u>E-15</u>	<u>lb</u>	<u>42</u>		
<u>CC105</u> ✓	<u>C-41P</u>	<u>lb</u>	<u>18</u>		
<u>E101</u>	<u>Heavy Equipment Mileage</u>	<u>mi</u>	<u>200</u>		
<u>CE240</u>	<u>Blending & Mixing Service Charge</u>	<u>sk</u>	<u>180</u>		
<u>E113</u>	<u>Proppant and Bulk Delivery Charges</u>	<u>tm</u>	<u>366</u>		
<u>CE205</u>	<u>Depth Charge 4001-5000</u>	<u>hrs</u>	<u>3</u>		
<u>E100</u>	<u>Unit Mileage Charge</u>	<u>mi</u>	<u>150</u>		
<u>S003</u>	<u>Service Supervisor</u>	<u>eq</u>	<u>3</u>		
<u>T105</u>	<u>Cement Data Acq. Monitor</u>	<u>ea</u>	<u>1</u>		
<u>CE403</u>	<u>Add. Pump Hrs</u>	<u>eq</u>	<u>18</u>		
SUB TOTAL					<u>12449⁸⁸</u>
SERVICE & EQUIPMENT				%TAX ON \$	
MATERIALS				%TAX ON \$	
TOTAL					

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE <u>Tommy Hanelis</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X M [Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)