



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1269996
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: _____



1269996

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	Brennaman 1
Doc ID	1269996

All Electric Logs Run

ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED RESISTIVITY LOG 1 LOG
ARRAY COMPENSATED RESISTIVITY LOG 2 LOG
ARRAY COMPENSATED RESISTIVITY LOG 5 LOG
BOREHOLE COMPENSATED SONIC LOG
ARRAY RESISTIVITY SPECTRAL DENSITY DUAL SPACED NEUTRON BOREHOLE SONIC QUAD COMBO LOG
CEMENT BOND LOG
MICROLOG
REPEAT SECTION RESISTIVITY/SONIC POROSITY/MICROLOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	Brennaman 1
Doc ID	1269996

Tops

Name	Top	Datum
HEEBNER	3925	
TORONTO	3942	
MARMATON	4511	
PAWNEE	4599	
CHEROKEE	4648	
ATOKA	4766	
MORROW	4868	
ST GENEVIEVE	5033	
ST LOUIS	5074	
SPURGEON	5215	



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 05455 A

DATE 6/30 TICKET NO. _____

DATE OF JOB <u>7-1-15</u> 6-30-15	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>Brennaman</u>					WELL NO. <u>1</u>	
ADDRESS		COUNTY <u>Finney</u>			STATE <u>Ks.</u>			
CITY		SERVICE CREW <u>Daniel, Rogelio, Carlos, Santiago</u>						
AUTHORIZED BY <u>Tyce Davis</u>		JOB TYPE: <u>Z42 Surface</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE <u>6-30-15</u> AM <u>6:30</u>	
<u>78938</u>	<u>1.75</u>					ARRIVED AT JOB	<u>7-1-15</u> PM <u>1:00</u>	
<u>38117/19919-</u>	<u>1.75-</u>					START OPERATION	<u>7-1-15</u> AM <u>4:00</u>	
<u>30463/19566</u>	<u>1.75</u>					FINISH OPERATION	PM <u>5:45</u>	
<u>19831/37547</u>	<u>1.75</u>					RELEASED	<u>7-1-15</u> PM <u>6:30</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
(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	300		5580.00
CL 110	✓ Premium Plus Cement	sk	240		3912.00
CC 109	✓ Calcium Chloride	lb	1298		1362.90
CC 102	✓ Calloflake	lb	135		499.50
CC 130	✓ C-51	lb	57		1425.00
E 101	Heavy Equipment Mileage	mi	150		1125.00
CE 240	Blending & Mixing Service Charge	sk	540		756.00
E 113	Proppant & Bulk Delivery Charges	tm	1270		3175.00
CE 202	Depth Charge: 1001'-2000'	Hrs.	1		1500.00
CE 504	Plug Container Utilization Charge	job	1		250.00
E 100	Unit Mileage Charge-Pickups, Small V.	mi	50		225.00
S 003	Service Supervisor, first 8hrs. on loc.	ea	1		175.00
T 105	Cement Data Acquisition Monitor	ea	1		550.00
	Well <u>Brennaman #1</u>				
	AFE <u>45185</u>				
	GL <u>86002074</u>				

CHEMICAL / ACID DATA:			

Office Garden City, Texas SUB TOTAL 9446.28

Date 7/1/15 SERVICE & EQUIPMENT %TAX ON \$

MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE <u>Daniel Beck</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X</u>
	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Merit Energy</i>		Lease No.		Date <i>6.30.15</i>	
Lease <i>Brennaman</i>		Well # <i>1</i>		Service Receipt <i>1717 05455 A</i>	
Casing <i>8 5/8" 24#</i>		Depth <i>1646.39 ft</i>		County <i>Finney</i>	
Job Type <i>242 Surface</i>		Formation		Legal Description <i>22 25 33</i>	
State <i>Ks.</i>					
Pipe Data			Perforating Data		
Cement Data					
Casing size <i>8 5/8" 24#</i>		Tubing Size		Shots/Ft	
Depth <i>1646.39 ft</i>		Depth		From To	
Volume <i>1601.02 bbl</i>		Volume		From To	
Max Press <i>2000</i>		Max Press		From To	
Well Connection <i>P.C.</i>		Annulus Vol.		From To	
Plug Depth <i>1601.71 ft</i>		Packer Depth		From To	
Lead 'A-Con' Blend <i>300 sk</i>					
2.40 ^{sq} /sk		14.00 ^{sq} /sk			
Tail in Premium Plus <i>240 sk Cement</i>					
1.34 ^{sq} /sk		6.33 ^{sq} /sk			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>18:30</i>					<i>Call Out</i>
<i>1:00</i>					<i>On Location</i>
<i>1:15</i>					<i>Safety Meeting w/ BES Personnel</i>
<i>1:30</i>					<i>Rig Up + Wait on rig</i>
<i>3:00</i>					<i>Rig Up Head</i>
<i>3:30</i>					<i>Safety Meeting w/ Rig Crew</i>
<i>4:00</i>					<i>Pressure Test to 2000psi</i>
<i>4:05</i>	<i>150</i>			<i>5.0</i>	<i>Pump Lead + Tail</i>
<i>4:45</i>					<i>Shutdown / Drop Plug / Wash Pump</i>
					<i>Displacement</i>
	<i>100</i>		<i>10</i>	<i>5.0</i>	
	<i>150</i>		<i>20</i>	<i>4.9</i>	
	<i>180</i>		<i>30</i>	<i>4.9</i>	<i>Cement Returns</i>
	<i>200</i>		<i>40</i>	<i>4.9</i>	
	<i>280</i>		<i>50</i>	<i>4.8</i>	
	<i>400</i>		<i>60</i>	<i>4.6</i>	
	<i>500</i>		<i>70</i>	<i>4.5</i>	
	<i>600</i>		<i>80</i>	<i>4.4</i>	
	<i>600</i>		<i>90</i>	<i>2.0</i>	<i>Slow Rate</i>
<i>5:20</i>	<i>650</i>		<i>102</i>	<i>0</i>	<i>Pressure up to 1200psi</i>
<i>5:25</i>					<i>Release Back Float Held</i>
					<i>Pressure Test Casing to 1500psi</i>
<i>5:40</i>					<i>Pressure Held Release Back Job Complete</i>
Service Units	<i>78938</i>	<i>38117/19919</i>	<i>30463/19566</i>	<i>19831/37547</i>	
Driver Names	<i>Daniel</i>	<i>Rogelio</i>	<i>Carlos</i>	<i>Santiago</i>	

Early Zion
Customer Representative

Tyce Davis
Station Manager

Daniel Beck
Cementer



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 05456 A

DATE 7/4 TICKET NO. _____

DATE OF JOB <u>7-4-15</u>	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER <u>Merit Energy</u>		LEASE <u>Brennaman</u>					WELL NO. <u>1</u>	
ADDRESS		COUNTY <u>Finney</u>			STATE <u>Ks.</u>			
CITY		SERVICE CREW <u>Daniel, Hector R., Victor</u>						
AUTHORIZED BY <u>Chad Hinz</u>		JOB TYPE: <u>Z42 Production</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE <u>7-4-15</u> TIME <u>4:30</u>	
<u>78938</u>	<u>2.25</u>					ARRIVED AT JOB	<u>8:00</u>	
<u>38117/19919</u>	<u>2.25</u>					START OPERATION	<u>9:45</u>	
<u>30464/37724</u>	<u>2.25</u>					FINISH OPERATION	<u>11:00</u>	
						RELEASED	<u>7-4-15</u> <u>12:00</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: X
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL 104	50/50 Poz	sk	255		2865.00
CC 111	Salt	lb	1571		785.50
CC 201	Gilsonite	lb	1275		854.25
CC 113	Gypsum	lb	1075		806.25
CC 103	C-15	lb	129		1612.50
CC 105	C-41P	lb	54		216.00
E 101	Heavy Equipment Mileage	mi	100		750.00
CE 240	Blending & Mixing Service Charge	sk	255		397.00
E 113	Proppant & Bulk Delivery Charges	tm	538		1343.95
CE 206	Depth Charge; 5001 - 6000	4hrs	1		2880.00
CE 504	Plug Container Utilization Charge	job	1		250.00
E 100	Unit Mileage Charge - Pickups, Small V.	mi	50		225.00
S 003	Service Supervisor; first 8hrs. on loc.	ea	1		175.00
T 105	Cement Data Acquisition Monitor	ea	1		550.00
	<u>Well Brennaman #1</u>				
	<u>AFE 45185</u>				
	<u>GL 83001075</u>				
	<u>Office Garden City</u>				

SUB TOTAL 4899 69

CHEMICAL / ACID DATA:
Date 7/4/15

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

SERVICE REPRESENTATIVE Daniel Beck 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 Merit Energy	Lease No.	Date 7-4-15
Lease Brennaman	Well # 1	Service Receipt 1717 05456 A
Casing 5 1/2" 17#	Depth 5242.40ft.	County Finney State Ks.
Job Type 242 Production	Formation	Legal Description 22 25 33

Pipe Data		Perforating Data		Cement Data
Casing size 5 1/2" 17#	Tubing Size	Shots/Ft		Lead 50/50 Poz
Depth 5242.40ft	Depth	From	To	255sk
Volume 120.6 bbl	Volume	From	To	1.58 ft³/sk 7.365 gal/sk
Max Press 2800	Max Press	From	To	Tail in
Well Connection P.C.	Annulus Vol.	From	To	
Plug Depth 5198.64ft.	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30					Call Out
8:00					On Location
8:15					Safety Meeting w/BES Personnel
8:30					Rig Up
9:15					Rig Up Head
9:20					Safety Meeting w/Rig Crew
9:40					Pressure Test 2800psi.
9:45	200		71.75 bbl	5.4	Pump Lead
10:00					Shutdown/Wash Pump
10:05					Displacement
	50		10	5.1	
	50		20	5.1	
	50		30	5.1	
	50		40	5.1	
	50		50	5.1	
	50		60	5.1	
	180		70	5.0	
	380		80	4.7	
	650		90	4.7	
	850		100	4.4	
	900		110	1.9	Slow Rate
10:37	1000		1206	0	Pressure Up to 1500 Release Back, Float didnt hold
					Pressure Up to 1500 wait 5 min Pressure Back

Service Units	78938	38117/1999	30464/37724
Driver Names	Daniel	Hector R.	Victor

Early Zion
Customer Representative

Tyce Davis
Station Manager

Daniel Beck
Cementer
Taylor Printing, Inc.

