

Confidentially Requested:
 Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
July 2014

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Squeeze

OPERATOR: License # 32446
Name: Merit Energy Company, LLC
Address 1: 13727 Noel Rd Ste 120
Address 2: _____
City: Dallas State: TX Zip: 75240 + _____
Contact Person: Idania Medina
Phone: (620) 629-4228
CONTRACTOR: License # 32721
Name: Eldredge
Wellsite Geologist: _____
Purchaser: _____

KCC WICHITA

MAY 17 2017

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Designate Type of Completion:

- New Well
- Re-Entry
- Workover
- Oil
- WSW
- SWD
- SLOW
- Gas
- D&A
- ENHR
- SIGW
- OG
- GSW
- Temp. Abd.
- CM (Cool Bod Methano)
- Cathodic
- Other (Corr. Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: Anadarko Petroleum Company
Well Name: Hall 1-31

Original Comp. Date: 10/01/1956 Original Total Depth: 2875

- 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 #: _____

<u>11/29/2016</u>	<u>12/6/2016</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 189-00432 - 00 - 01

Spot Description: _____
SE SW SE Sec. 31 Twp. 33 S. R. 37 East West
126 Feet from North / South Line of Section
1,335 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. 44.XXXXX) (e.g. -111.XXXXX)

Datum: NAD27 NAD83 WGS84

County: Stevens

Lease Name: Hall Well #: 1-31

Field Name: Hugoton Gas Area

Producing Formation: Chase

Elevation: Ground: 3148 Kelly Bushing: 3154

Total Vertical Depth: 2875 Plug Back Total Depth: 2848

Amount of Surface Pipe Set and Cemented at: 680 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 #: _____

INSTRUCTIONS: The original form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. If confidentiality is requested and approved, side two of this form will be held confidential for a period of 2 years. Rules 82-3-130, 82-3-106 and 82-3-107 apply. Drill Stem Test, Cement Tickets and Geological Well Report must be attached.

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.

Signature: Idania Medina
Title: Regulatory Analyst Date: 5/17/2017

KCC Office Use ONLY

- Confidentiality Requested
- Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: K91 Date: 5-18-2017

Operator Name: Merit Energy Company, LLC Lease Name: Hall Well #: 1-31
 Sec. 31 Twp. 33 S. R. 37 East West County: Stevens

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ORIGINAL <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> KCC WICHITA MAY 17 2017 RECEIVED </div>
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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 checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1265-1296	Micro cement	45	See Attached

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 (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: <u>2.8750</u> Set At: <u>2816</u> Packer At: _____ Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12/9/2016</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity <u>22</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Other (Specify) <u>Squeeze</u>	PRODUCTION INTERVAL: Chase _____
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**Cementing Services
Field Ticket**

Printed on 12/1/2016 at 7:11 PM

Field Ticket Number: Lib1612011904 **Field Ticket Date:** Thursday, December 01, 2016

Bill To:
MERIT ENERGY COMPANY
600 Travis Street, 48th Floor
Houston, TX 77002

Job Name: 05 Squeeze
Well Location: Stevens., Kansas
Well Name: Hall
Well Number: 1-31
Well Type: Old Producer
Rig Number:
Shipping Point: Liberal, KS
Sales Office: Mid Con

PERSONEL		EQUIPMENT	
Hector Esqueda	Carlos Ibarra	983-541	1039

SERVICES - SERVICES - SERVICES							
Description	Qty	Unit	Unit Price	Ext Price	Rate	Disc %	Total
PUMP, TUBING/SQZ CEMENT 1001-2000 FT	1.00	min. 4 hr	2,249.84	2249.84	1,417.40	37.0%	1,417.40
CIR02	1.00	ea	168.75	168.75	108.31	37.0%	108.31
PHDL	45.00	per cu. Ft.	2.48	111.60	1.68	37.0%	70.31
DRYG	57.00	ton-mile	2.75	156.75	1.73	37.0%	98.75
MLV	50.00	per mile	4.40	220.00	2.77	37.0%	139.60
MRHV	50.00	per mile	7.70	385.00	4.85	37.0%	242.55

FLOAT EQUIPMENT - FLOAT EQUIPMENT - FLOAT EQUIPMENT

MATERIALS - MATERIALS - MATERIALS

	10.00	bbl	0.00	0.00	0.00	37.0%	0.00
GMFC	45.00	back	212.18	9,548.10	133.67	37.0%	6,016.30

ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS

Additional hours, in excess of set hours		per hour	440.00	0.00	277.20	37.0%	0.00
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	Gross	Discount	Final
Services Total	3,281.84	1,218.02	2,073.82
Equipment Total	0.00	0.00	0.00
Materials Total	9,548.10	3,532.80	6,015.30
Additional Items	0.00	0.00	0.00
Final Total	12,840.04	4,760.81	8,089.23

Allied Rep _____
Customer Agent: _____

*This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.
Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.
I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.*

X Blaine Clay 12-1-16
Customer Signature

Field Ticket Total (USD):

\$8,089.23

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Oil & Gas Services, LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "JOB" relates to the services described on the front side of this contract, "MERCHANDISE" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

-TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate. Any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

-ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

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Cement Job Summary

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MAY 17 2017

Job Number: 11b1612011904	Job Purpose: 05 Squeeze	RECEIVED	
Customer: MERIT ENERGY COMPANY	Date: 12/1/2016		
Well Name: Hall	Number: 1-31	API/UWI:	
County: Stevens,	City: Hugoton	State: Kansas	
Cust. Rep:	Phone:	Rig Phone:	
Legal Desc:	Rig Name:		
Distance: 50 miles (one way)	Supervisor: Hector Esqueda		

Employees:	Emp ID:	Employees:	Emp ID:
Hector Esqueda		Carlos Ibarra	
Equipment:			
993-541			1039

Well Information						
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
TOTAL CASING	4 1/2	9.5	4.09			1,300
SHOE	4 1/2	9.5	4.09		1,300	1,300

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	FRESH WATER	10	0.00	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	MICROFINE CEMENT	45	13.20	0.92	4.85	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Displacement	21.12365284	8.93	n/a	n/a	

Job Number: 11b1612011904	Job Purpose: 05 Squeeze		
Customer: MERIT ENERGY COMPANY	Date: 12/1/2016		
Well Name: Hall	Number: 1-31	API/UWI:	
County: Stevens,	City: Hugoton	State: Kansas	
Cust. Rep:	Phone:	Rig Phone: 0	
Distance: 50 miles (one way)	Supervisor: Hector Esqueda		

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
13:00					arrived to location
13:05					rig up iron
13:36					prime up pump
13:50	140			2	start displacing well
13:55	170		10	2	10bbbs gone
14:00	180		20	2	20bbbs gone
14:01			22		shut down 22 bbbs were pumped into the well
14:05					start mixing the 45sk of micro cement into tub to get the weight that's needed to pump.



Cement Job Summary

14:36	450		7.37	1.5	start pumping the 7.37bbl micro cement at 13.20#
14:42	420			1.3	start the displacement
14:45			2.7		shut down 2.7bbls were pumped of fresh water. Rig down the iron to the well so that the rig can come out of the hole with the tubing. Wash up tub and pump to the pit while waiting for the rig crew to get tubing completely out
15:08	50			1.5	start pumping through backside to load the well and to squeeze of
15:09	300		2		loaded the well with 2bbls of fresh water
15:10	1000		2.5	.3	2.5 bbls total were pumped into well shut down
15:28	450				broke back to 450Psi
15:29	800			.2	start pumping water again
15:39	280		4		4 bbls total in the well shut down. pressure went down to 280Psi
15:54	320		6		6 bbls total pumped .2bpm @ 850Psi shut down pressure dropped to 320Psi
17:11	800		1/4	.2	pumped a total of 7bbls into well including the 2bbls of loading
17:46			1/4		pumped another 1/4bbls to equal 7 1/4bbls pumped
18:05			1/4		pumped another 1/4bbl to equal 7 1/2bbls pumped
18:26			1/4		pumped another 1/4bbl to equal 7 3/4bbls pumped
19:04			1/4		pumped the last 1/4 bbl of water to equal 8bbls total including the 2bbl load shut in backside left 300Psi in the well rig down released from location at 19:30

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