CORRECTION #1

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

1257513

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	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

Confidentiality Requested:

Yes No

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I III Approved by: Date:



### 

Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow and flow rates if gas t Final Radioactivity Lo	ving and shut-in pressul o surface test, along wi ng, Final Logs run to obt	ormations penetrated. D res, whether shut-in pre th final chart(s). Attach tain Geophysical Data a r newer AND an image f	essure reached stati extra sheet if more and Final Electric Lo	c level, hydrosta space is needed	tic pressures, bot d.	tom hole tempe	erature, fluid recovery,
Drill Stem Tests Taker (Attach Additional		Yes No	L	og Formatic	on (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-o			on, 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
During	Donth		. CEMENTING / SQL	EEZE RECORD			
Purpose:  Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement # Sacks Used Type and Percent Additives					
Plug Off Zone							
Did you perform a hydraulic fracturing treatment on this well?  Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No  (If No, skip questions 2 and 3)  (If No, skip question 3)  (If No, skip question 3)							
Shots Per Foot		N RECORD - Bridge Plug ootage of Each Interval Perf			cture, Shot, Cement		d Depth
	Spoony i o	orago or East milettar For	oracou	(71)	nount und tund of ma	ional odday	Sopu.
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bt	bls. Gas	Mcf Wate	er Bl	bls. C	Gas-Oil Ratio	Gravity
DISDOSITI	ON OF GAS:	, and the state of	METHOD OF COMPLE	TION:		PRODI ICTIC	N INTERVAL:
Vented Solo	d Used on Lease	Open Hole		Comp. Con	nmingled mit ACO-4)		
(If vented, Su	bmit ACO-18.)	Other (Specify)					

Form	ACO1 - Well Completion	
Operator	Merit Energy Company, LLC	
Well Name	SMU 105	
Doc ID	1257513	

## 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
CEMENT BOND LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG
REPEAT SECTION

Form	ACO1 - Well Completion	
Operator	Merit Energy Company, LLC	
Well Name	SMU 105	
Doc ID	1257513	

## Tops

Name	Тор	Datum
Heebner	3756	
Toronto	3776	
Lansing	3838	
Kansas City	4151	
Marmaton	4295	
Pawnee	4382	
Cherokee	4426	
Atoka	4549	
Morrow	4634	
St Genevieve	4756	
St Louis	4854	

Form	ACO1 - Well Completion	
Operator	Merit Energy Company, LLC	
Well Name	SMU 105	
Doc ID	1257513	

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	1724	Class C	565	See Attached
Production	7.875	5.5	17	4929	50/50 POZ Class H		See Attached

### **Summary of Changes**

Lease Name and Number: SMU 105 API/Permit #: 15-055-22355-00-00

Doc ID: 1257513

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	03/16/2015	07/10/2015
Contractor License Number	35070	99975
Contractor Name	Saxon Drilling, LP	COMPANY SERVICING TOOLS
Kelly Bushing Elevation	2978	2977
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 45750	//kcc/detail/operatorE ditDetail.cfm?docID=12 57513



Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1245750

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

## CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
Oil WSW SWD SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	Quarter Sec TwpS. R East West           Countv: 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

KOLAR Document ID: 1245750

### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	ast West	County:				
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.go\	. Digital electronic log
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Y			Yes No Yes No Yes No					
		R			New Used	on, etc.		
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I		
Purpose:		epth Ty	pe of Cement	# Sacks Used Type and Percent Additives				
Protect Casi								
Plug Off Zon								
<ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol>	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (	,
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	Estimated Production Oil Bbls.						Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom
	_	on Lease	Open Hole		Oually Comp. Commingled (Submit ACO-4)		Тор	Bottom
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot	Perforation Top	Perforation Bottom				Record		
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5213 (1200) 10.	JIEG.			. 30.0.71				

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	SMU 105			
Doc ID	1245750			

## 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
CEMENT BOND LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG
REPEAT SECTION

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	SMU 105			
Doc ID	1245750			

## Tops

Name	Тор	Datum
Heebner	3756	
Toronto	3776	
Lansing	3838	
Kansas City	4151	
Marmaton	4295	
Pawnee	4382	
Cherokee	4426	
Atoka	4549	
Morrow	4634	
St Genevieve	4756	
St Louis	4854	

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	SMU 105			
Doc ID	1245750			

### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2		Frac-196,71 Lbs of 40/70 sand, 3,734,000 SCF Total N2	4988-4726
2		Frac-1125 lbs, 47,009 lbs 40/70 sand, 2,257,000 SCF	4660-4671

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	SMU 105			
Doc ID	1245750			

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	1724	Class C	565	See Attached
Production	7.875	5.5	17	4929	50/50 POZ Class H	210	See Attached

# ALLIED OIL & GAS SERVICES, LLC 061723 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092					SERVICE POINT:				
DATE   1-30-14	SEC	TWP A3S	RANGE 34W	CALLED C	PUT PIMI	ON LOCATION	JOB START	JOB FINISH	
CLEASE SM (Circle)	WELL#	100	LOCATION VEC	Garde	n Cit	<i>Y</i>	Finney	STATE S	
CONTRACTOR TYPE OF JOB		axson i	#146	OWN	ER				
HOLE SIZE	Tal	face	1724	— CEM	THE PARTY OF THE P				
CASING SIZE	257	Y T.D.	тн 729			DEDED JOACK	CI - C 00.		
TUBING SIZE		DEI	7	- AMO	Salaki	DERED 330SK Metasiliate 3	Classe of 61	apsed Co. SA	
DRILL PIPE		DEI		241	OK Cla	SS C 3/011/	WH-Classon	Sed dost	
TOOL		DEF			251019	so nou!	7.1 170 Sea	/	
PRES. MAX			IIMUM	COM	MON		@		
MEAS. LINE		SHO	E JOINT 4411	7- POZN			@		
CEMENT LEFT IN	CSG.		3661	GEL			@	-	
PERFS.					DRIDE	alsk		1344.00	
DISPLACEMENT		107	3661	ASC			@	101110	
	EO	UIPMENT				- 2 0	@	1100000	
				Allied	Julyi-Do	sity(C) 320st	(@ 31.00	9920.00	
PUMP TRUCK (	CEMENT	TER (OC	NYBORTA			, , ,			
#549-550 I	HELPER	Jaine	Maldonado		ISC	ayosk	@24.40	58560	
BULK TRUCK		0		4000	-5/	61#	@ <u>/ 7.55</u>	1070,55	
# 994-642 1	DRIVER	6rego	ry Randal	1 +10	Seal	140#	@ d.97	415,60	
BULK TRUCK							_@		
# 993-16661	DRIVER	Herib	er to Valenz	ue a -			_@		
	s n				F		_@	-	
		MARKS:			-		TOTAL	1868635	
AFE 346	94								
· · · · · · · · · · · · · · · · · · ·	- / IA	1 10	sa'	_		SERVI	CE		
Well	5M		>				H		
AFE	31	1694			H OF JOI				
GL	730	01075				CHARGE	2213.75		
					ht Vehi	de 50	@ 4.40	220.00	
Office_	Holcon	nb, KS		_ MILE	AGE	50	@ 7.70	3650	
Date	11/31	0/14		- MANI	IFOLD _			275.80	
	-				dling	625,96	@ 2.48	1552.38	
M	١, ، ١	0.	,	_Dr	ayage	1390,56	@_2.60	3615,46	
CHARGE TO:	1er 17	Energy		_				00/100	
STREET DO	x 25	50			•		TOTAL	8216124	
	1-0	72.30 S.78	2-0	<u></u>					
CITY HOLCOM	0S7	TATE	> ZIP 6 18	51	E	DITIC & ELOAT	TO THE LABOR AND A STATE OF	W1	
Address Smu-	105 X	ansas -	Finney - 28 - 22	35. 34W.	F	LUG & FLOAT	EQUIPMEN	1	
			)			7))		(150)	
				_10	20 1	Pky	_@	963.81	
ANTO CONTRACTOR WITHOUT WAS		12. PROVIDE AND			10a+ (	ellar	_@	1440,00	
To: Allied Oil & C				- 29		shoe	_@	460,00	
You are hereby red	quested	to rent cem	enting equipment	_(_6	entrali		@ 7S.EO	1050,00	
and furnish cemen				-	710h	Collar	@	<u>S6.90</u>	
contractor to do w	ork as is	s listed. Th	e above work was					2010 01	
done to satisfactio							TOTAL	3969.81	
contractor. I have									
TERMS AND CO				CATT	S TAX (I	f Any)	177		
	0	, .	0		L CHARG	GES (1) 50,6	337,75		
DD IN IMPER AT	1:	1	1601				- = =		
PRINTED NAME_	6	14121	MIT	_ DISCO	TAUC	2 100		IN 30 DAYS	
	//	//			111	et\$ 20,00	21,27		
SIGNATURE	6/1	1			10.	0 7 00,00	, , ,		
1	111	1		-					
	//								

## ALLIED OIL & GAS SERVICES, LLC 064514 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT:			
DATE 17-4-14 SEC. TWP. RANGE 34W	CALLED OUT ON LOCATION JOB START JOB FINISH 120 Pm			
LEASE 5 MU WELL# 105 LOCATION Garden	City ks west to COUNTY STATE Figury ks			
	inclse North, east into			
CONTRACTOR Sixon 146	OWNER Ment Farry			
HOLE SIZE 71/8 T.D. 4940	9)			
HOLE SIZE '7 1/8 T.D. 4946  CASING SIZE '5 1/2 DEPTH 4/32.63	CEMENT  AMOUNT ORDERED 710 SKS SO/SO POZ C/455 H			
TUBING SIZE DEPTH	AMOUNT ORDERED _ 270 3KS 36/56 YOZ 1/435 PT			
DRILL PIPE DEPTH				
TOOL DEPTH				
PRES. MAX 2500 PSI MINIMUM	COMMON@			
MEAS. LINE SHOE JOINT \$43.56	POZMIX@			
CEMENT LEFT IN CSG. 43.56 PERFS.	GEL@			
DISPLACEMENT 113 bbls	CHLORIDE@			
	ASC			
EQUIPMENT	50/50 POZ - Class H 205 16.85 3538.50			
F 212				
PUMPTRUCK CEMENTER Edgar Codriguez	Salt 135ks @ 24.35 342.55			
# 531-541 HELPER Alex Ayala BULK TRUCK	Gillonte 1050# @ 0.98 1024.00			
# 950-554 DRIVER Andres Zubia	Plased 53 # @ 2.97 157.41			
BULK TRUCK	F1-160 84# @ 18.90 1682.10			
# DRIVER	(D-31 36# @ 10.36 370.80			
	@			
REMARKS:	1			
THE RESERVE TO BE A STATE OF THE PARTY OF TH	TOTAL 8501.56			
Well SMU 105	and the same			
AFE_ 34694	SERVICE			
GL 830010:75	DEPTH OF JOB 432.63			
white the same of the same to	PUMP TRUCK CHARGE / 3099. 25 3099. 25			
Office Holcomb, K5	light somi@ 4.40 220.00			
Date_[2/4]1\-\	MILEAGE Heavy Somi @ 7.70 385-00			
*	MANIFOLD / @ 275.00 275.00			
	Handling 282.45 8+3 @ 2.48 701.72			
$M = \sum_{i=1}^{n} A_i $	Drayage 533.35 Ton @ 260 1386.71			
CHARGE TO: Mer. + Energy				
STREET	TOTAL 6067.68			
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT			
	Gude Shoe 1 286.80 280.80			
	Sure Sent flood College 1 @ 725.40 725.46			
	Centralizer 20 @ 57.33 1146.60			
To: Allied Oil & Gas Services, LLC.	Clamp /stop Collar 1 @ 49.14 49.14			
You are hereby requested to rent cementing equipment	Top Rubber Play 1 @ 258.26 258.26			
and furnish cementer and helper(s) to assist owner or	Thread Lock kit 12 @ 83.07 996.84			
contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or	TOTAL 3457.64			
contractor. I have read and understand the "GENERAL				
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)			
	TOTAL CHARGES 18,024.28			
PRINTED NAME CO In Curry				
FRINTED INAINE OF THE COLUMN	DISCOUNT IF PAID IN 30 DAYS			
	1			
SIGNATURE	Net= 12,077.61			
111	-1011161			
, , ,				