Confiden	tiality R	equested:
Yes	No	

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1257526

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

## WELL COMPLETION FORM

WELL HISTORY	- DESCRIPTION C	<b>DF WELL &amp; LEASE</b>

OPERATOR: License #			API No. 15	
Name:			Spot Description:	
Address 1:			Sec.	TwpS. R East West
Address 2:			Fe	eet from 🗌 North / 🗌 South Line of Section
City: St	ate: Z	ip:+	Fe	eet from East / West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Corner:
Phone: ()				V SE SW
CONTRACTOR: License #			GPS Location: Lat:	, Long:
Name:				(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27	
Purchaser:				
Designate Type of Completion:			Lease Name:	Well #:
New Well	Entry	Workover	Field Name:	
	SWD		Producing Formation:	
OilWSW GasD&A			Elevation: Ground:	Kelly Bushing:
		Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:
CM (Coal Bed Methane)			Amount of Surface Pipe Se	et and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):			Multiple Stage Cementing	Collar Used? Yes No
If Workover/Re-entry: Old Well Inf	o as follows:		If yes, show depth set:	Feet
Operator:			If Alternate II completion, c	cement circulated from:
Well Name:			feet depth to:	w/sx cmt.
Original Comp. Date:	Original T	otal Depth:		
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Manageme	nt Plan
Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t	the Reserve Pit)
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbls
Dual Completion			Dewatering method used:	
			Location of fluid disposal if	f hauled offsite:
	Permit #:			
GSW	Permit #:			
				License #:
Spud Date or Date Rea	iched TD	Completion Date or		TwpS. 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

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:				

## CORRECTION #1

1257526

Operator Nar	me:			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 (Attach Additional S	heets)	Yes N	0		0	on (Top), Depth ar		Sample
Samples Sent to Geolo	ogical Survey	Yes N	0	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ N ☐ Yes ☐ N	-					
List All E. Logs Run:								
			SING RECORD	Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIC		NG / SQL				
Purpose: Perforate	Depth Type of Cement # Sacks U		Used	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone								
Did you perform a hydraul Does the volume of the to Was the hydraulic fracturin	tal base fluid of the hyd	draulic fracturing treatme		0	☐ Yes [ ? ☐ Yes [ ☐ Yes [	No (If No, ski	p questions 2 ar p question 3) out Page Three	
Shots Per Foot		ON RECORD - Bridge Footage of Each Interva				cture, Shot, Cement mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer A	t:	Liner Run:	Yes No		

Date of First, Resumed Product	ion, SWD or	ENHR.	Producing Me	ethod:	ning 🗌 Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
Vented Sold Used on Lease	Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)	
(If vented, Submit ACO-18.)	Other (Specify)	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	MARLENE 8-1
Doc ID	1257526

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG

BOREHOLE COMPENSATED SONIC ARRAY LOG

MICROLOG

QUAD COMBO LOG

REPEAT PASS

SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	MARLENE 8-1
Doc ID	1257526

# Tops

Name	Тор	Datum
Heebner	3793	
Toronto	3811	
Lansing	3848	
Kansas City	4183	
Marmaton	4341	
Pawnee	4432	
Cherokee	4474	
Morrow	4667	
St Genevieve	4766	
St Louis	4788	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	MARLENE 8-1
Doc ID	1257526

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	24	1729	Class C	See Attached
Production	7.875	5.5	17	4989	Class H	See Attached

### Summary of Changes

Lease Name and Number: MARLENE 8-1 API/Permit #: 15-055-22364-00-00 Doc ID: 1257526 Correction Number: 1 Approved By: NAOMI JAMES

Field Name	Previous Value	New Value	
Approved Date	05/01/2015	07/10/2015	
Contractor License Number	35070	99975	
Contractor Name	Saxon Drilling, LP	COMPANY SERVICING TOOLS	
Kelly Bushing Elevation	2985	2984	
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 51282	//kcc/detail/operatorE ditDetail.cfm?docID=12 57526	



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1251282

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

CONFIDENTIAL w	ELL COMPLETION
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Confidentiality Requested:

Yes No

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

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
New Well Re-Entry Workover	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used?
Cathodic Other (Core, Expl., etc.):	
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)
	Chloride content: ppm Fluid volume: bbls
Commingled         Permit #:           Dual Completion         Permit #:	Dewatering method used:
SWD         Permit #:	Location of fluid disposal if hauled offsite:
ENHR         Permit #:	Location of huid disposal in nauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West
Recompletion Date Reached TD Recompletion Date of 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

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:						

#### KOLAR Document ID: 1251282

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

**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 Take			<u> </u>	/es 🗌 No	1		L	og Forn	nation (Top), De	pth and	d Datum	Sample
(Attach Additiona				(		N	lame	<del>)</del>			Тор	Datum
Samples Sent to Ge Cores Taken Electric Log Run Geologist Report / M List All E. Logs Run:	Aud Logs	vey		∕es ∟ Νο ∕es □ Νο ∕es □ Νο ∕es □ Νο	1							
			Rep	CASI ort all strings	NG RECO		Nev		duction, etc.			
Purpose of String		ze Hole Drilled	Si	ze Casing et (In O.D.)		Weight _bs. / Ft.		Setting Depth	Type o Cemei		# Sacks Used	Type and Percent Additives
Purpose:		Depth	Turo	ADDITIO e of Cement		NTING / S		EEZE RECC		and Pa	ercent Additives	
Perforate	Тор	Bottom	тур	e of Cement	#0				туре	anu re	Acent Additives	
Protect Casing Plug Back TD Plug Off Zone												
<ol> <li>Did you perform a h</li> <li>Does the volume of</li> <li>Was the hydraulic fractional first Production</li> </ol>	the total base acturing treat	e fluid of the hy ment informat	ydraulic fi ion subm	acturing treat	emical disclo		stry?	Gas Lift	No (If	No, skip No, fill c	o questions 2 an o question 3) out Page Three o	
Estimated Production Per 24 Hours	1	Oil B	bls.	Gas	Mcf	,	Wate	r	Bbls.	Ga	as-Oil Ratio	Gravity
DISPOSIT	TION OF GAS	8:		METHOD OF COI			OMPLETION:				PRODUCTION INTERVAL: Top Bottom	
Vented Sold Used on Lease (If vented, Submit ACO-18.)			Open Hole Perf.			Dually Comp.     Commingled       (Submit ACO-5)     (Submit ACO-4)						
Shots PerPerforationPerforationFootTopBottom			Bridge Plug Type	ug Bridge Plug Set At		g Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)		Record				
TUBING RECORD:	Size:		Set At:		Packer	At:						

Form	ACO1 - Well Completion				
Operator	Merit Energy Company, LLC				
Well Name	MARLENE 8-1				
Doc ID	1251282				

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG

BOREHOLE COMPENSATED SONIC ARRAY LOG

MICROLOG

QUAD COMBO LOG

REPEAT PASS

SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion				
Operator	Merit Energy Company, LLC				
Well Name	MARLENE 8-1				
Doc ID	1251282				

Tops

Name	Тор	Datum
Heebner	3793	
Toronto	3811	
Lansing	3848	
Kansas City	4183	
Marmaton	4341	
Pawnee	4432	
Cherokee	4474	
Morrow	4667	
St Genevieve	4766	
St Louis	4788	

Form	ACO1 - Well Completion				
Operator	Merit Energy Company, LLC				
Well Name	MARLENE 8-1				
Doc ID	1251282				

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4		Frac-1001 BBLS, 42,226 LBS OF 40/70 WHITE SAND, 1,990,000 SCF	4740-4747

Form	ACO1 - Well Completion	
Operator	Merit Energy Company, LLC	
Well Name	MARLENE 8-1	
Doc ID	1251282	

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	24	1729	Class C	See Attached
Production	7.875	5.5	17	4989	Class H	See Attached

Federal Tax I.	<b>S SERVICES, LLC</b> 052805 D.# 20-5975804
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: Liberal KS
DATE 01-04-15 8 225 34W.	CALLED OUT ON LOCATION JOB START JOB FINISH
EASE WELL# 8-1 LOCATION Gorder	COUNTY STATE
DLD OR(NEW)(Circle one) R.d. N/ 10 M	E 1/2 M. N Inte
<u>CONTRACTOR</u> Surface	OWNER Merit Energy
IOLE SIZE 1214 T.D. 1733 ft	CEMENT
CASING SIZE 878 2477 DEPTH 1732, 514 FUBING SIZE DEPTH	AMOUNT ORDERED 350sk AMOC'C", 3%C
CUBING SIZE     DEPTH       DRILL PIPE     DEPTH	1416/2KF-5, 027.5A-51 2005K C., 34:CC, 1416/5KF.5.
TOOL DEPTH	
PRES. MAX 1200 PS. F MINIMUM MEAS. LINE SHOE IOINT 4.3. 70-44	COMMON <u>C 200 sk @ 24,40 4,880.00</u>
MEAS. LINE SHOE JOINT 43.70-44- CEMENT LEFT IN CSG. 2.8 BBIS	POZMIX@ GEL @
PERFS.	CHLORIDE 2/3K @64 1,344.00
DISPLACEMENT 107.5 Bois	ASC @
EQUIPMENT	AMDC'C" 350 5K @31." 10,850." Flo-Sega 13826 @2,97. 409.86
PUMPTRUCK CEMENTER TRichen Chave	SA-51 1611 01755 1150 30
1531-541 HELPER Jame Tocres.	
BULK TRUCK	@@
+ 994.642 DRIVER Andres Zubig	@
JULK TRUCK 774-744 DRIVER (csar Pavia	@
ump -501 - Heriberto Valenzuel	e @
REMARKS:	TOTAL 18,642.16
	SERVICE
Man Malan Q I	1/11/11 11-11-11-9-9-15-21/7
Well Marlene & -1.	Mat Handling 617.61CF@ 2.48-1.531.67 PUMPTRUCK CHARGE - 2.213.75
AFE_35307	Dragage 1369,267.M @ 2.60 3,560.07
GL_83001075	MILEAGE heavy 50 M @ 7.70 385.00
Office Garden City	MANIFOLD + bead 1 @275" 275" Light Vehicle 50 M. @440 220."
Date 1/4/15	e all and the second second second
CHARGE TO: VERIT ENERGY.	)
STREET	TOTAL 8,185. 77
CITYSTATEZIP	<b>PLUG &amp; FLOAT EQUIPMENT</b>
	NOTable 1 96381
	N.R. Flout Coilar 1 @ 1.440.00
	Guide Shoe 1 @ 460.00
To: Allied Oil & Gas Services, LLC.	<u>Centralizer 14 @ 75:00 4050.000</u>
You are hereby requested to rent cementing equipment	<u>stop coller   @56.000</u>
and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	
done to satisfaction and supervision of owner agent or	TOTAL 3,969.81
contractor. I have read and understand the "GENERAL	
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
60	TOTAL CHARGES 30, 797. 46
PRINTED NAME	DISCOUNT PAID IN 30 DAYS
00	
SIGNATURE	(NET = 20, 634.30)

ALLIED OIL & GA	SSERVICES, LLC 052806
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: Liberalks
DATE 01-08-15 8 225 34 W.	CALLED OUT ON LOCATION JOB START JOB FINISH 4 200 5 200 g.m. 0 + Byrd Rd, In Barden Contry STATE 2, N Into:
CONTRACTOR Saxon # 146 TYPE OF JOB Production 4995 ft HOLE SIZE 778 T.D. CASING SIZE 51/2 17# DEPTH 49933 ft TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX 1500 PST MINIMUM MEAS. LINE SHOE JOINT 44.8 ft CEMENT LEFT IN CSG. J BBIS PERFS. DISPLACEMENT 115 BBIS EQUIPMENT PUMP TRUCK CEMENTER PUMP TRUCK CEMENTER PUMP TO COSE BULK TRUCK # 774-744 DRIVER Jose Calderon. BULK TRUCK # DRIVER	OWNER MERIT ENERGY CEMENT AMOUNT ORDERED 245 SK 50/50 fiz-H. 2% Gel, SYAFL-160, 2% Dispersent, 5% Gel, SYAFL-160, 2% Dispersent, 5% Gel, SYAFL-160, 2% Dispersent, 5% Gel, SYAFL-160, 2% Dispersent, 5% Gel, SYAFL-160, 2% Dispersent, GEL @ CHLORIDE @ Allied SUISO H. 2455k@16.85 AI28.25 Super Flush 12BBH @58.70 FL-160 103 Lb @18.90 1.946.70 CD-31 42 Lb @10.30 432.60 Gyp Seul 21.5k @37.60 789.60 Salt 15 5k @2635 59.95 61150017E 122516 @ 98 1.200.50 Flosele 62 Lb @2.97 134.14 @
	@ 
Well Marlene 8-1	TOTAL 9781.44 SERVICE
AFE 35307 GL 83001075 Office Garden City Date 1/8/15 CHARGE TO: MERIT ENERGY.	Mat Handling 3307(16)2.48 - 820.31 PUMP TRUCK CHARGE <u>3,099,25</u> Drggage 623.42 IM @ 2.60 <u>1.620.85</u> MILEAGE <u>Leavy 50 M. @ 7.70</u> <u>385.00</u> MANIFOLD + head 1 @ 2750 <u>275.00</u> Light <u>Lehicle SUMi</u> @ 4.40 <u>220.00</u> Circulating Iron 1 @ 400.00
STREET	TOTAL 6.820.44
CITYSTATEZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "CENER AL	PLUG & FLOAT EQUIPMENT Weathertort Top Rpluy 1@ 258.26 S.S. Float Collar 1 @ 725.00 Centralizer 20 @ 57.00 1.140.00 Guide Shoe 1 @ 281.00 Clamp-step collor 1 @ 49.00 @ TOTAL 2453.26
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any) TOTAL CHARGES 19055.14 DISCOUNT IF PAID IN 30 DAYS
SIGNATURE(	NET = 12,766,94