CORRECTION #2

1257530

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

Kansas Corporation Commission

OIL & GAS CONSERVATION DIVISION

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
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.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
☐ New Well ☐ Re-Entry ☐ Workover	Producing Formation:
Oil WSW SWD SIOW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ 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? Yes No
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 #:	Dewatering method used:
Dual Completion Permit #:	Bowatering method deed.
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Count Date or Date Decembed TD Completing Date or	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or 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 II 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	Type of Cement # Sacks Used Type and Percent Additives				
Plug Off Zone							
Does the volume of the t	-	n this well? aulic fracturing treatment ex submitted to the chemical of	_	? Yes	No (If No, ski	ip questions 2 an ip question 3) out Page Three o	
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	NEMU 502
Doc ID	1257530

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG
MICROLOG
QUAD COMBO LOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	NEMU 502
Doc ID	1257530

Tops

Name	Тор	Datum
HEEBNER	4049	
TORONTO	4062	
LANSING	4102	
MARMATON	4691	
PAWNEE	4799	
CHEROKEE	4855	
ATOKA	5026	
MORROW	5158	
CHESTER	5357	
ST GENEVIEVE	5472	
ST LOUIS	5519	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	NEMU 502
Doc ID	1257530

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	1721	CLASS C	500	SEE ATTACH ED
Production	7.875	5.5	17	5780	CLASS A	350	SEE ATTACH ED

Summary of Changes

Lease Name and Number: NEMU 502

API/Permit #: 15-081-22099-00-00

Doc ID: 1257530

Correction Number: 2

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	05/28/2015	07/10/2015
Contractor License Number	35070	99975
Contractor Name	Saxon Drilling, LP	COMPANY SERVICING TOOLS
Kelly Bushing Elevation	3094	3093
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 53415	//kcc/detail/operatorE ditDetail.cfm?docID=12 57530

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

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:	
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.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Work	Field Name:
	Producing Formation:
Gas D&A ENHR	Elevation: Ground: Kelly Bushing:
	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 #:	
ENHR Permit #:	· ·
GSW Permit #:	
	Lease Name: License #:
•	tion Date or Quarter Sec TwpS. R East West
Recompletion Date Recomp	oletion 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 Approved by: Date:



Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1252784

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 🗌 Wes				
Address 2:			Feet from North / South Line of Section				
City: Sta	ate: Zi	p:+	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.xxxxxx)				
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84				
Purchaser:			County:				
Designate Type of Completion:			Lease Name: Well #: Field Name: Producing Formation:				
New Well Re-l	Entry	Workover					
	_	☐ SIOW					
☐ Oil ☐ WSW ☐ D&A	☐ SWD		Elevation: Ground: Kelly Bushing:				
☐ Gas ☐ D&A	GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	dow	remp. Abu.	Amount of Surface Pipe Set and Cemented at: Fe				
Cathodic Other (Core,	Expl., etc.);		Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well Info			If yes, show depth set:Fe				
Operator:			If Alternate II completion, cement circulated from:				
Well Name:			feet depth to:w/sx cn				
Original Comp. Date:			, , , , , , , , , , , , , , , , , , ,				
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan				
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)				
Comming to d	Da wasit #		Chloride content:ppm Fluid volume: bb				
CommingledDual Completion			Dewatering method used:				
SWD			Location of fluid disposal if hauled offsite:				
☐ ENHR			Location of haid disposal in hadred offsite.				
☐ GSW			Operator Name:				
_			Lease Name: License #:				
Spud Date or Date Read	ched TD	Completion Date or	Quarter Sec. TwpS. R East _ We				
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.

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Confidentiality Requested				
Date:				
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Wireline Log Received				
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UIC Distribution				
ALT I II III Approved by: Date:				

KOLAR Document ID: 1252784

Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	E	ast West	County:					
	flowing and shu	ut-in pressures, v	vhether 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.gov	v. Digital electronic log	
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample	
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		B	CASING eport all strings set-c		New Used	ion, etc.			
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD				
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives				
Perforate Protect Casi Plug Back T									
Plug Off Zor									
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,	
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	timated Production Oil Bbls. Ga			Mcf Water Bbls.			Gas-Oil Ratio Gravity		
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom	
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
Shots Per Foot	Perforation Top	Perforation Bottom			Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)			Record	
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:					
TODING RECORD:	. 3126.		n.	i donei Al.					

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	NEMU 502			
Doc ID	1252784			

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG
MICROLOG
QUAD COMBO LOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	NEMU 502			
Doc ID	1252784			

Tops

Name	Тор	Datum
HEEBNER	4049	
TORONTO	4062	
LANSING	4102	
MARMATON	4691	
PAWNEE	4799	
CHEROKEE	4855	
ATOKA	5026	
MORROW	5157	
CHESTER	5283	
ST GENEVIEVE	5472	
ST LOUIS	5519	

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	NEMU 502			
Doc ID	1252784			

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5446-5451-5460,5464 CHESTER	ACID-32BBLS FLUSH 7%KCL 7%HCL	5446-5464
	CIBP@5425		5425
2	5305-5319, 5329- 5332, 5349-5352 UPPER CHESTER	FRAC-2403 BBLS, 119,787 LBS 40/70 WHITE SAND, 5,351,000 SCF	5305-5352
4	5220-5225, 5232- 5235 MORROW	FRAC-1,445 BBLS, 80, 190 LBS 40/70 SAND, 3,176,000 SCF	5220-5235

Form	ACO1 - Well Completion			
Operator	Merit Energy Company, LLC			
Well Name	NEMU 502			
Doc ID	1252784			

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	1721	CLASS C	500	SEE ATTACH ED
Production	7.875	5.5	17	5780	CLASS A	350	SEE ATTACH ED

ALLIED OIL & GAS SERVICES, LLC 052814 Federal Tax 1.D.# 20-5975804

RUSSELL, KANSAS 67665	SERVICE POINT:
01-26-15 SEC. TWP. SANGE 34 W. MEMILI	CALLED OUT ON LOCATION JOB START JOB FINISH
MEMU WELL # 502 LOCATION GIAL	COUNTY STATE
1. 1. 1.	PEE, N2M, Winter
CONTRACTOR SON # 142	OWNER MERIT ENERGY.
TYPE OF JOB SUFFACE. HOLE SIZE 12/4 T.D. 1720+1	
CASING SIZE 898 247 DEPTH 1721+1	AMOUNT ORDERED 300 SK AMO/ 1237
TUBING SIZE DEPTH DRILL PIPE DEPTH	CC 2% SA-51, 1/4/b/sk Flosele 200 sk C, 3% CC, 1/4/b/sk Flosele
TOOL DEPTH PRES. MAX 1100 PS# MINIMUM	COMMON'E-200 sk @24.40 4880.50
MEAS. LINE SHOE JOINT 13.77 F	POZMIX@
CEMENT LEFT IN CSG. 2.0 0015 PERFS.	GEL CHLORIDE 19 5K @64.00 1,2/6.00
DISPLACEMENT 107 BB15	ASC@_
EQUIPMENT	AMDCIC 300 sk @31.00 9,300.00 Elosele 12516 @2,97 371,25
PUMPTRUCK CEMENTER Tyben Chavez	5A-51 5726 @17.55 1,000.35
# 531-541 HELPER R-Ch + Recards Land BULK TRUCK (Antonio)	@
#955-554 DRIVER Jony Holsvin	@
#705-842 DRIVER Gregor, Randall	@
REMARKS:	: (== 1:= 1.0
Well NEMU 502	TOTAL 16,767,60
AFE 3517	SERVICE
GL_ 76062076	Mat Handling 560,02C+ 602,48-1,388.86
Office U/433e3	PUMPTRUCK CHARGE 2,213.75 Dragage 1242.99 7-1 @2.66 3,231.76
Date / July	MILEAGE /1/2014 50 M1 @ 7.70 385 -
	highr Vehide SaMI @ 4.40 220.00
CHARGE TO: MERIT ENERGY	Circulating from 1 @ 4600 400.00
STREET	TOTAL <u>8.114. 37</u>
CITYSTATEZIP	
	PLUG & FLOAT EQUIPMENT
	N. R. Flort Coller 1 @ 1.440.00
To: Allied Oil & Gas Services, LLC.	Stop Coller 1 @ Ages
You are hereby requested to rent cementing equipment	Centralizer 14 @ 75.00 1,050.00
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 3,644.00
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
<i>1</i> /	TOTAL CHARGES 28,525.97
PRINTED NAME REUSIN SCHI BESCH	DISCOUNT IF PAID IN 30 DAYS
SIGNATURE WAR STONE	NET=19,112,50
(1001-1111

ALLIED OIL & GAS SERVICES, LLC 064575 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 9 SOUTHLAI		SERVICE POINT: Ciperal KS#21					
DATE 1-30-15 3	TWP.	RANGE 34	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	
LEASE NEMU WELL# SOO LOCATION SALEH			allows Madh	20 82 Harry 10	COLINERY	STATE	
OLD OR NEW Circle			Haskell				
CONTRACTOR TYPE OF JOB	SAXO	1#142	OWNER	toce to west	<u></u>		
HOLE SIZE 7	— CEMENT	CEMENT					
CASING SIZE 5 / 2 DEPTH 57 29			AMOUNT O	AMOUNT ORDERED 350 Class H. 50/50/50/201			
TUBING SIZE DEPTH			54°GYAS	54°GYASEU 104 Salt 5#GUSONITE /4# AGENT			
DRILL PIPE DEPTH			0.5% FI-	-160,0,270 Bis	person		
TOOL PRES. MAX		PTH	_	•			
MEAS. LINE		NIMUM OĘJOINT 47.6	COMMON_		_@	-	
CEMENT LEFT IN CS		BBC SOINT 4 106	≥∠ POZMIX _ GEL		@ @	- 	
PERFS.	CHLORIDE		_ @				
DISPLACEMENT	ASC						
	Superflu	Superflush 12 984@ 25.00 300.00					
*	17/50/50	gass H350	0 21,79	26dle.50			
PUMP TRUCK CEM	- 9415e		_@ <u>0.88</u>	- 1293-60			
#849-550 HEL	- Gilson	2086	_@ <i>O&</i> &_ @ <i>O&</i> %	17/5 00			
BULK TRUCK	Floses	1 88	@ 2.97	261-36			
# 568-467 DRIV	- F1-100		@ 1890	277830			
BULK TRUCK DRIV	CD-31	59	@ 7,73	456-07			
" DKI	HANDLING		@				
Than Eyoub	MILEAGE _	÷ —	TOTAL	15,838.91			
AFE		SERVICE					
- Gl S	— DEDTH OF I	OR Com 1:115	15 16)	1 1000 000			
Office		OB <u>Circle Hio</u> CK CHARGE /	MAYON NEW	2046 25			
Date /- /30-/5				TAGE LIM SC	6 4.40	220.00	
			MILEAGE _			385,00	
			— MANIFOLD		@ 275.0	0215.00	
			Hanelia	u 471.58	_@_ <u>2,48</u>	1169,53	
CHARGE TO:	L'ET	et 2000000000	Brayag	R 888.90	1 @ d.75	- d1444.53	
CHARGE TO:/V/	- 9			0710 21			
STREET			EE_Y		TOTAL	8718.31	
CITY		PLUG & FLOAT EQUIPMENT					
			*	IDOGGIDOA	I EQUII WE	4.1	
			Guide	shoe 1	_@ 281.00	281.00	
			SS Glog	Acollar 1	@ 725.0	2 728.00	
To: Allied Oil & Gas Services, LLC.			Centralia	er 20	@ 570	140.00	
You are hereby reques	Stop Col	lesy 1	@_ <i>99.10</i>	2000			
and furnish cementer	19p 1 von	er plais	_@ <u>010810</u> @	2 008126			
contractor to do work	3	- E	TOTAL	alles N			
done to satisfaction ar			TOTAL	0433:04			
contractor. I have rea		(If Anv)_		<u> </u>			
TERMS AND COND		TOTAL CHARGES 27,000.48					
PRINTED NAME_X							
THATED INVINE V		DISCOUNT IF PAID IN 30 DAYS					
SIGNATURE	Net-l	5,390.2	/				
	1000	Sally and the sa	The same same of the same of t				