Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1197423

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

WELL COMPLETION FORM

WELL HIST	TORY - DESCR	IPTION OF W	ELL & LEASE

OPERATOR: License #			API No. 15				
Name:			Spot Description:				
Address 1:			Sec.	TwpS. R East W			
Address 2:			Fe	eet from 🗌 North / 🗌 South Line of Sect			
City: St	ate: Zip: _	+	Fe	eet from 📃 East / 🗌 West Line of Sect			
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	NAD83 WGS84			
Purchaser:			County:				
Designate Type of Completion:			Lease Name:	Well #:			
	-Entry	Workover	Field Name:				
	_		Producing Formation:				
		SIOW	Elevation: Ground: Kelly Bushing:				
Gas D&A			Total Vertical Depth:	Plug Back Total Depth:			
	GSW	Temp. Abd.		et and Cemented at: F			
CM (Coal Bed Methane) Cathodic Other (Core	Explanta);			Collar Used? Yes No			
				F			
If Workover/Re-entry: Old Well Inf				cement circulated from:			
Operator:							
Well Name:				w/sx c			
Original Comp. Date:	_						
		R Conv. to SWD	Drilling Fluid Manageme				
Plug Back	Conv. to GSW	Conv. to Producer	(Data must be collected from t	ne Reserve Pit)			
Commingled	Permit #·		Chloride content:	ppm Fluid volume: b			
Dual Completion			Dewatering method used:				
			Location of fluid disposal if	f hauled offsite:			
GSW	Permit #:						
				License #:			
Spud Date or Date Rea	ached TD C	Completion Date or	Quarter Sec	TwpS. R East W			
Recompletion Date	F	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:							

	Page Two	1197423		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. R East _ West	County:			
INSTRUCTIONS: Show important tapp of formations papetrated. Do	tail all cares. Popart al	I final conject of drill stome tasts giving interval tasted, time tool		

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 Yes No Log Formation (Top), (Attach Additional Sheets)					on (Top), Depth and	Fop), Depth and Datum		
Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING Report all strings set-o	RECORD Ne		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	
	1	ADDITIONAL	CEMENTING / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did you perform a hydraulio	c fracturing treatment	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)	
		Iraulic fracturing treatment ex				o question 3) out Page Three o	f the ACO 1	
was the hydraulic hacturing	y uealment iniormalio	in submitted to the chemical (usciosure registry?	Yes		ou raye milee (01 IIIE ACO-1)	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						Depth			
TUBING RECORD:	Siz	e:	Set At	:	Packe	r At:	Liner I		No	
Date of First, Resumed	I Production	on, SWD or ENHF	ł.	Producing Me	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSIT	ION OF G	iAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sole	d 🗌 L	Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. A <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Gas Tests:

McPherson Drilling LLC	Drillers Log				
Rig Number: For IM	S. 13 T. 3/ R. 16 E				
API No. 15- 125 - 32378	County: MG				
Elev. 216	Location: W/2 SENWSW				

Operator: Migherso	n Drilling	?			
Address: P.O. Box 1	29				
Sycamore,	KS 6736	3			
Well No: 15	Lease	Name: MY	herson		
Footage Location:	16.50	ft. from the		Line	1
	4458	ft. from the	(W)	Line	-
Drilling Contractor:	McPherson Dril	ling LLC	and all the second		
Spud date: ///15/13	1	Geologist:			
Date Completed: 11/2	7/13	Total Depth:	959		

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	97/8"	5/8"	
Size Casing:	7"	27/8	
Weight:	20#		
Setting Depth:	20'	950	
Type Cement:	Port	950 Consolidated	
Sacks:	4	100	60/40 Posmie

-	Tan	Btm.		Formation	Тор	Btm.	Formation	Тор	Btm.
Formation	Тор	Contraction of the local division of the local division of the		CONTRACTOR OF THE OWNER WATER OF THE OWNER OWNER WATER OF THE OWNER	763	line of the			T
501/clay	0	3		Limo	-1.	302		1	1
sand	3	11		SLAK	766	305			+
Shale	11	95	1.54	Lime,	802	805			+
limo	95	102		Shiple	803	344			
shale	102	162		Dilson	4 574	906			
line	162	236		lime	100	908			
Shalo	236	282		Shale	908	959			
line	282	312		011	and the second				
1 1	312	326							
Shall	326	349							
lime	349	393							
Shalle	393	398		1. S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1				
line		-	1	-					
Shale	398	457	pde	R.	and the second				
hane	457	474	- Pric	2	- Andrewson	A DECEMBER OF	and the second second	- Charles	
Shale	474	410			(Barrens)				
SBrdy	498	540	101	1				+	-
NG NO	540	SSE	01	=	1			+	
Standy	552	629	11						+
Lime	109	632		100					
KSMAK	632	689	1	3	1				
OSMEGN.	689	717	070		1				
DIX SAN	1717	120	1700						
ADDANA	1720	1218	1						-
SFIPLE	193	14/3							1

CONSOLIDA Oil Well Service		REMIT Consolidated Oil We Dept. 9 P.O. Box	II Services, LLC 70	MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012		
		Houston, TX 7	7210-4346			
INVOICE				Invoice #	264341	
Invoice Date: 11/27/2	013 Te:	rms: 0/0/30,n/3	0	Pa	age 1	
MCPHERSON DRILLIN P O BOX 129 SYCAMORE KS 6736 (620)336-2662			CPHERSON #15 45248 11-25-2013 KS			
1131 6 1118B P 1102 C 1118B P	ALCIUM C REMIUM G		100.00 200.00	.7800	Total 1318.00 44.00 67.08 44.00 59.00	
Description 479 MIN. BULK DELIVE 485 CEMENT PUMP 485 EQUIPMENT MILEAG		AY)	Hours 1.00 1.00 60.00		Total 368.00 1085.00 252.00	

======================================	.00	Freight: Misc: Supplies:	.00	Tax: Total: Change:	94.24 3331.32 .00	AR	3331.32
===========			============				

5 V V

Signed	5					Date_		
BARTLESVILLE, OK	EL DORADO, KS	EUREKA, KS	PONCA CITY, OK	OAKLEY, KS	OTTAWA, KS	THAYER, KS	GILLETTE, WY	CUSHING, OK
918/338-0808	316/322-7022	620/583-7664	580/762-2303	785/672-8822	785/242-4044	620/839-5269	307/686-4914	918/225-2650

11/25/2013 20:23 FAX 6205837901 Consolidated Ull TH 0001, 0001

	26434		TICKET NUMB LOCATION <u>&</u>	ureky	248
PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676	FIELD TICKET & TREA		ORT		
	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
CUSTOMER	ersen # 1.5	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS	<u> </u>	485	Alan		
CITY STATE	ZIP CODE	479	Jim		
Sycamore 155	67363				
		тн <u>960'</u> 2 ⁷ /8	CASING SIZE & W	OTHER	
SLURRY WEIGHT SLURRY V	OL WATER ga	l/sk		CASING	
REMARKS: 505-2 Marting Rits	1070 235 Julina	Break cir	culation by	Fresh was	ier. Pump
2007 Gel Flush Shot water 1% could. Shut down	spacer. Mix 1003	15 60/2/0	pormix Cen	John al	A A LET I
52 bbb Freshwater Fina	1 Sumping Prossul	~ 500° 5	Rump Dur	10000.	Shur
wall in wy 500th Good	cemmi Rejuin I Je Rigdown	to Surface.			
Jas (emple	W- Wig Old A				

		Thankyou		
ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5406	60	MILEAGE	4.20	252.00
			13.18	1318.00
1131	looskr	60140 Pozmia comení		44.00
11180	200 *	Gel 2%	,72	67.08
1102	86*	Codz 1%	.78	67.08
111803	2007	Cel Flush	. 72	44.00
5407	4.3 Ton	Ton mileogo BulkTouck	Inic	368.00
4402	2	278 Rubberpluys	29.50	59.00
		complo		
		La Compto	IUU	
			Sub ToTal	323708
		6.15%	SALES TAX	94.24
Ravin 3737			ESTIMATED	3331.32

AUTHORIZTION Colled by Mac Mc Pherson I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records at our office, and conditions of service on the back of this form are in effect for services identified on this form

TITLE_

DATE

	: 0/0/30,n/3	0 McPHERSON #15 48857	Invoice # Pag	
Invoice Date: 12/09/2013 Terms	: 0/0/30,n/3	MCPHERSON #15		
		McPHERSON #15	, ,	
M-DURDON DDILLING				
McPHERSON DRILLING P O BOX 129 SYCAMORE KS 67363 (620)336-2662		12-02-2013 KS		
Part NumberDescription127515% HCL1202ACID INHIBIT1219BSTIMOIL FBA1268CITY WATER1231FRAC GEL1215AKCL (1/10001205ABIOCIDE (AMA1208BREAKER LEB443267/8" RUBBER210416/30 BROWN210212/20 BROWN2103Bescription476MINIMUM COMBO CHARGE 1300 H476FRAC VALVES (2" OR 3")476BALL INJECTOR476MILEAGE CHARGE (ONE WAY)T-95WATER TRANSPORT (FRAC)478PROPANT DELIVERY490MILEAGE CHARGE (ONE WAY)T-102WATER TRANSPORT (FRAC)521MINIMUM ACID SPOTTING CHARGE521MILEAGE CHARGE (ONE WAY)	(SR-445)) -35-D-P) (DF -ESA 14-GB10 BALL SEALERS SAND (SK) SAND AND P UNIT	100.00 .25 .50 11000.00 250.00 12.00 12.00 .50 12.00 100.00 2900.00 5000.00	.0173 9.0000 38.3300 30.0000 200.0000 .2500 .2700 .2800 Unit Price 2050.00 100.00 .00 4.00 120.00 315.00 4.00 120.00 375.00	Total 175.00 12.50 32.50 190.30 2250.00 459.96 180.00 100.00 25.00 783.00 1400.00 Total 2050.00 100.00 240.00 315.00 60.00 240.00 375.00 60.00
Parts: 5644.26 Freight: Labor: .00 Misc: Sublt: .00 Supplies: ====================================	.00 Tax .00 Tota .00 Char	: 13. al: 9158. nge: . ========	91 AR 17 00	9158.17

CONSOLIDATED TICKET NUMBER 48857 **Oil Well Services, LLC** LOCATION nar PO BOX 884 STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676 FIELD TICKET 4 FORMATION COUNT SECTION TWP QTR/QTR WELL NAME CUSTOMER ACCT ACSU Sor OWNER CHARGE TO OPERATOR MAILING ADDRESS CONTRACTOR CITY & STATE AMOUNT UNIT ACCOUNT DESCRIPTION OF SERVICES OR PRODUCT QUANTITY or UNITS 36 PUMP CHARGE d 275 7 12.50 SZ. 30 19n 454 96 Dr Ve NO m **BLENDING & HANDLING** 315 TON-MILES STAND BY TIME 80 on MILEAGE NODI WATER TRANSPORTS VACUUM TRUCKS 16-3 FRAC SAND 20 01 SALES TAX ESTIMATED TOTAL 716 day Jane COWS FOREMAN CUSTOMER or AGENTS SIGNATURE DATE CUSTOMER or AGENT (PLEASE PRINT)

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records ar our office, and conditions of services on the back of this form are in effect for sercives identified on this form.

							573	366			
C	ONSOLID					TICKET NUM	DER	POET			
	Oil Well Service	es, LLC			r Consolidated Oi	FIELD TICKET	REF #0	0.2.1.			
the second	of the effectives				ment and product		payer	ALL SOL			
PO Box 884, C	hanute, KS 667	20	5 products, a <u>S¹ products</u> , a	WOD -	olying of materials	FOREMAN	SUPERIO	sarroy			
620-431-9210	or 800-467-8676		IKEA		REPORT			0			
Citer Controller	ing 2574 Sichel as	uncortanity of	the parameter	FRAC & /	and the second second second second second	Hills on confidence in the Color	ini san ita arti Tangan ita arti	a state with the state of the			
DATE	CUSTOMER #	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY			
12-2-13	day do tiop pa-	McPhe	MON A	15	Bas per annem o	in at the rate of	y COWS 通常的	MG			
CUSTOMER	Sorts in units	e their best	an line will us	neren v			the country over the	A CONTRACTOR			
	enson D	allingo	nation and th	nofui b	TRUCK #	DRIVER	TRUCK #	DRIVER			
MAILING ADDR				Custo	476	Josh ewo	es meurred by	attorney's fi			
in malt mi much	ch information e	i amount to be an	LUL COMMON	dama	1. use 0 Poly iture	Donnie	ibie Aderal, str	Any applic			
CITY		STATE	ZIP CODE	d prepa	Ided X/Tepuole	Mark	or energeney I	consumer s			
ated much	monotari) of J	as at han you	William 2 Mary	(a)	521	ECIC	le tot cogando	ne za aka uj			
VG Justing	ups that or had	ter here new form	ibeloit, includir	o equip	618795	All proceed	State of Texas	wells in the			
omer agrees	Hand Due WELL		port collars,	zioot	6791102	Junior	PA 7	o of hier od. 1.			
CASING SIZE	and the reaction of	TOTAL DEPTH	Loginico Di Manero Freeturio michi	Mani Aliani	sui nouce.	TYPE OF TR	REATMENT	All COWS:			
CASING WEIGH	emnify COWST	PLUG DEPTH	lienonzar vlah	be se	Acid sp	Acja spot I Fra Constitution and star					
TUBING SIZE	21/2 SEUE	PACKER DEPTH	with regard	clain e c	1	CHEMI	CALS	Customer w			
TUBING WEIGH		OPEN HOLE	onamy of such	d funct	KCLSUB-	Biscide	-15reake	the service			
PERFS & FORM	ATION	WISe	RANTIES - 7	WAN	Acid - Jr	mibitor-	-Stimo	by COWS:			
538-5	Sa Hilans a	publicantles	willew?	n COW	tion producing	d the promises	a connor en me	us vouso.			
938-4	8 (8)	iree from d	the same are	o that	shall be present t	f the Customer	remessionative	responsible			
ANTY OF	LANY WARR	APLIED NO	A RO 2231	axa ^a	arms may be be	and additionant and	Alter Internet and				
ST	AGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	De performed.				
PAS	NTENCE. FOR	as of Chai	1/2040	r IMM	as a 'clann') k	or beneler with	BREAKDOWN	1525			
16-80	in any claim.	clusive remot	20-18	,5-1.0	100th	ary to or death	START PRESSU	RE agentido			
12-20	(if otherwise,) and interview constraint	an or wanamy	18	1,0-2,	01900F	nwo liaw adi to t	END PRESSURE				
8-12	the rendered	sly limited to	es is expres	2,0	1:500	BALL OFF PRESS					
24120m	(4) + (2)	naterials or ser	18-20	0-5	ice damage arisin	ROCK SALT PRESS					
8-12	2	an allowance	15	1.0		ISIP 500					
8-12	0		15	2,0 1	2,000#	mit of the sole w	5 MIN	(b) Unless			
12-201	2)+(1)+	(1)	15-12	.5	1.000#	, Uustoiner snat	10 MIN	14900 Store			
8-12		FIZ	12	1.0-1	nago resulting four	s or property day	15 MIN 10 2201 1	iovnýzej (1)			
8-12	inter a straight of the	C.	115	2,0	1500#	southof official	MIN RATE	soffine dui =			
FLIKH	ASING	10	15	11	a 10 fachyda à svei aiteisae	esult of a subsu	MAX RATE	Button			
Palaos	e balk-to	TD		TOTAL	ROOMA	njury to or dear	DISPLACEMENT	5,59			
ALE O	FUICH	10	20	SALID	19919 Alegon	or damage (er)	yees of COWS.	than empto			
TOTA	INRIC	200	20	SIND	or any damare	V to the weined	mited to mita	but not in whatsoever			
REMARKS:	- ALUS	ALDU.			and the well be	Charles and Charles	with the use of c	connected v			
	noid sa	nery pr	ocedur	C me	ching De	DIT JIG	damage or res	lon (b) biis			
S. H	1 100 -	al-150/	Un a	aid an		n cement misn	cement invasio	circulation celectric or			
police	2 100 g	01 1270	ACC U	In or	per depth. (4) sul	Hade phig to pro	and the second sec	including 0			
A CONTRACTOR	<u> </u>	Contraction of the second		M	Bindund aradau	ny failure to co	aness has sure	ज्यान् वजने स्वतः			
					mile monor to m	anarharish gaibul	one put para	net fashing			
Tocalis	in 3:4"	5PM-4	12D PN	1 3	well, or becomin	off in fish in the	15: mil	Stop (III)			
- OCATE			JUT	No. 19	an CWO	aon and by any	well for any rea	and a know			
AUTHORIZATIO	N				supervision for the	at italy supply	DATE 12-2	(-13			
					use of such tool	t caused by the					

Terms and Conditions are printed on reverse side.

y damage, loss or result caused by the use of such too