Confidentiality Requested: Yes No

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

1237641

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:	
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.xxxxx) (e.g. xx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	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 #: SWD Permit #:	
ENHR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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	
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	ical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	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
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
_							

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Ye
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Ye
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Ye

Yes	No
Yes	No
Yes	No

(If No, skip questions 2 and 3) (If No, skip question 3)

(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					e		Acid, Fracture, Shot, Ce (Amount and Kino	ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	l Producti	ion, SWD or ENHF	} .	Producing Metho	od: Dump	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas N	Иcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
						I				
DISPOSITI	ON OF G	AS:		Μ	ETHOD (TION:		PRODUCTION INT	ERVAL:
Vented Solo	J 🗌 L	Jsed on Lease	(Open Hole	Perf.	Uually		Commingled		
(If vented, Su	bmit ACO	D-18.)		Other (Specify)		(Subinit A	,	(Submit ACO-4)		

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



Postf

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TICKET NUMBER	8	CLOUNS RD	ł
FIELD TICKET REF #			

FIELD TICKET REF #	<u>`</u>
FOREMAN Darnes Chamer	
FOREMAN Darney Chancy AFE D14014	
SSI	

API 15-133-27763-00-00

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	,		AME & NUMB		SECTION	TOWNSHIP	RANGE	COUNTY
7/25/14	Grogalidie	France	5 15-	-35				
FOREMAN/ OPERATOR	TIME	TIME	less Lunch	TRUCK #	TRAILER #	TRUCK HOUR	· · ·	EMPLOYEE
DarrellChans	5:00	10:00	· · ·	933375	973445	5	{{}}{} {} {} {} {} {} {} {} {} {} {} {}	Carl
JOB TYPE LONG SH		SIZE		HQLE DEPTH	10 CA	SING SIZE & W	/EIGHT	7
CASING DEPTH 601.	75 DRILL	PIPE		тивіма	OT	HER		
SLURRY WEIGHT 13.8	SLURI	RY VOL	/	WATER gal/sk MIX PSI ? 5 fo	CE	MENT LEFT IN C		
DISPLACEMENT 3.5	DISPL	ACEMENT PSI_	to psu	MIX PSI A)\$. RA	те 4.26р	um	
REMARKS: Crrcu 2 bbl Spor 2 yelset	lated to	Surfuce	- ran	a 200 H	gel Swee	5 follow	<u>al by</u>	<u>q</u>
2 661 300	cel - Sta	tal Cens	ent anu	1 pumped to	5 See Free -	kunch	<u>e plu</u>	<u>y</u>
quilset	et 8500	5.						
7./								

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
KWS	1	Foreman Pickup	
RWS		Cement Pump Truck	
	1	Bulk Truck	
<u>KWS</u> 933375		Transport Truck	
933445		Transport Trailer	
	·	80 Vac	
		Casing Truck	
	- ,	Casing Trailer	
	601.375	Casing	
	5.	Centralizers	
	The second second	Float Shoe	
	l	Wiper Plug	
	<u> </u>	Frac Baffles	
	65 Sucks	Portland Cement	
	1224	CSA-122 Sodium Silicate	
	7174	CGL-115 Cement Fluid Loss	·
	200 H	Premium Gel	
	122#	Cal Chloride	
		City Water	
	60	Chemthix-P Thixotropic	
	654#	KOL Seal	
		Cotton Seed Hulls	

Revision 1/13

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McPhers	on Dritling	LLC	Drillers Log S. / 5 ⁻ T. 28 R. 26 <i>E</i>			
Rig Number;	2					
API No. 15-	123 -	27763	County: 1/A			
	f-2	Elev. 9/17	Location: SW SERVE SE			
	-,	· · · · · · · · · · · · · · · · · · ·				
Operator: Da <	Pack	Wid Could	lineret Modicic			
Address: 2/C	Dorl	Ave STE	2750			
<i>O</i> re	. NE	73/02-				
Well No: /	5-35		se Name: Grossdiliar			
Footage Locati	011:	1520				
<u> </u>		640				
Drilling Contract	tor:	McPherson D				
Spud date:	7/21/1	4	Geologist:			
Date Completer	27/25	114	Total Depth: 4/0'			
	7		·····			
Casing Record			Rig Time:			
	Surface	Production	John run piese			
Size Hule:	97/8	5/2				
Size Casing:	1711	27/8				
Weight:	207	· · · · · · · · · · · · · · · · · · ·				
Setting Depth:	201		· · · · · · · · · · · · · · · · · · ·			
Type Cement:	Port	L				
Sacks:	1 7					

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				Well Log				
Formation	Τόρ	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
SOIL Clay	Ð	2						
lime	9	11					L	
shal.	11 .	16				<u>:</u>		<u>_</u>
ling	16	19		2		,	<u> </u>	<u> </u>
she le	19	45			· .			
line	65	47						<u> </u>
shale	47	67						<u> </u>
lime	69	104					<u> </u>	_
shale	104	173					<u> </u>	.l
lime	173	216				,		<u> </u>
shall	216	265						
lime	245	287						- -
Shale	287	295						
lime	395	301	<u>使</u> "我					
Shale	301	313						
oilsend	313	320						·
shale	320	475						
Dilsand	475	489						+
sandy shall	489							+
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McPherson Drilling LLC

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