Confide	ntiality F	Requested:
Yes	No	

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1367433

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE	WELL	HISTORY	- DESCRIP	TION OF	WELL &	LEASE
--	------	---------	-----------	---------	--------	-------

OPERATOR: License #	API No.:		
Name:	Spot Description:		
Address 1:			
Address 2:	Feet from North / 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 #:		
New Well Re-Entry Workover	Field Name:		
	Producing Formation:		
	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? 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 EOR Conv. to SWD	Drilling Fluid Management Plan		
Plug Back Liner 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 #:	Lagation of fluid dianaged if bould affeite:		
EOR 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		
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 Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II III Approved by: Date:					

CORRECTION #1

1367433

Operator Name:				_ 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		Y	és 🗌 No		L	og Fo	ormation	(Top), Depth a	ind Datum	Sample
(Attach Additional Sh					Nam	е			Тор	Datum
Samples Sent to Geolo Cores Taken Electric Log Run Geolgist Report / Mud I List All E. Logs Run:		Y	és ∐No és ∏No és ∏No és ∏No							
		Rep	CASING ort all strings set-c	RECORD	Ne			n. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setti Dep	ng	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING	/ SQL	IEEZE RE	CORD			
Purpose: Depth Perforate Protect Casing		Туре	Type of Cement		# Sacks Used		Type and Percent Additives			
Plug Back TD Plug Off Zone										
 Did you perform a hydra Does the volume of the Was the hydraulic fractular 	total base fluid of the	hydraulic fr	acturing treatment		-	ns?	Yes [Yes [Yes [No (If No, s	kip questions 2 ar kip question 3) Il out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	nod:		Gas Lift	Oth	er <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er	Bbls	5.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		N Open Hole	IETHOD OF CC		TION: Comp.	Comn	ningled	PRODUCTIC Top	DN INTERVAL: Bottom
(If vented, Subn						ACO-5)		t ACO-4)		
Shots Per Per Foot	foration Perfora Top Botto		Bridge Plug Type	Bridge Plug Set At			Acid, F		ementing Squeeze d of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:						

Form	ACO1 - Well Completion
Operator	Hughes Drilling Co, a General Partnership
Well Name	W. Broers 15
Doc ID	1367433

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	23	Portland	8	50/50 POZ
Completio n	5.6250	2.8750	8	788	Portland	99	50/50 POZ

Summary of Changes

Lease Name and Number: W. Broers 15 API/Permit #: 15-059-26803-00-00 Doc ID: 1367433 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	10/15/2014	09/18/2017
Geologist Report / Mud Logs?		No
Method Of Completion - Perf	No	Yes
Perf_perf1bottom		734
Perf_perf1top		728
PerforationsRevised		[[dataGrid]]
Producing Formation	Bartlesville	Squirrel
Production Interval #1		728
Production Interval #3		734

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12	//kcc/detail/operatorE ditDetail.cfm?docID=13
TopsDatum1	27110	67433 GL
TopsDepth1		20



Confidentiality Requested: Yes No

Name:

City: ____

Name:

Oil

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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

August 2013 Form must be Typed Form must be Signed

All blanks must be Filled

Form ACO-1

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # API No. 15 - _____ Spot Description: _-___- Sec. ____ Twp. ____S. R. ____ East 🗌 West Address 1: ____ Feet from Dorth / South Line of Section Address 2: ____ ______ State: _____ Zip: _____+ __ __ _____ 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: ___ (e.q. xx.xxxxx) (e.q. -xxx.xxxxx) Datum: NAD27 NAD83 WGS84 Wellsite Geologist: ____ County: Purchaser: Lease Name: ______ Well #: ______ Designate Type of Completion: Field Name: ____ New Well Re-Entry Workover Producing Formation: ____ WSW SWD SIOW _____ Kelly Bushing: ____ Elevation: Ground:____ Gas D&A ENHR SIGW Total Vertical Depth: _____ Plug Back Total Depth: ____ Temp. Abd. GSW ____ Feet Amount of Surface Pipe Set and Cemented at: ____ CM (Coal Bed Methane) Multiple Stage Cementing Collar Used? Yes No Cathodic Other (Core, Expl., etc.): If yes, show depth set: ____ If Workover/Re-entry: Old Well Info as follows: Feet If Alternate II completion, cement circulated from: _____ Operator: _____ sx cmt. feet depth to:_____ _____w/____ Well Name: Original Comp. Date: _____ Original Total Depth: _____ Deepening Re-perf. Conv. to ENHR Conv. to SWD **Drilling Fluid Management Plan** (Data must be collected from the Reserve Pit) Conv. to GSW Conv. to Producer Plug Back Chloride content: ____ _____ppm Fluid volume: _____ bbls Permit #: Commingled Dewatering method used: **Dual Completion** Permit #: _____ Permit #: SWD Location of fluid disposal if hauled offsite: Permit #: ENHR Operator Name: _____ Permit #: ____ GSW _____ License #:_____ Lease Name:

County:

Spud Date or **Recompletion Date** Date Reached TD

Completion Date or **Recompletion Date**

> **KCC Office Use ONLY** Confidentiality Requested Date: Confidential Release Date: Wireline Log Received Geologist Report Received UIC Distribution ALT I II II Approved by: _____ Date: ___

Quarter_____ Sec. _____ Twp.____S. R. ____ East West

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