CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION KOLAR Document ID: 1532258

Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

# Confidentiality Requested:

### WELL COMPLETION FORM

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

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?
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 #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	•
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec 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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

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Operator Name:		Lease Name:	Well #:	
Sec TwpS. R	East West	County:		
<b>INSTRUCTIONS:</b> Show important tops of open and closed, flowing and shut-in press and flow rates if gas to surface test, along	sures, whether shut-in pressu	ure reached static leve	el, hydrostatic pressures, bottom hole temp	
Final Radioactivity Log, Final Logs run to c files must be submitted in LAS version 2.0		•	ust be emailed to kcc-well-logs@kcc.ks.go	vv. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sheets)	Yes No	Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	Yes No	Name	Тор	Datum
Cores Taken	🗌 Yes 🗌 No			
Electric Log Run	Yes No			
Geologist Report / Mud Logs	Yes No			
List All E. Logs Run:				

		CASING Report all strings set-c	RECORD Ne		on, etc.			
Purpose of String	Size Hole         Size Casing         Weight         Setting         Type of         # Sacks         Type and Perc           Drilled         Set (In O.D.)         Lbs. / Ft.         Depth         Cement         Used         Additives							

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

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

1.	Did you perform a hydraulic fracturing treatment on this well?
2	Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 250

2.	Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	
3.	Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	

INO	(IT INO,	skip	questions 2 and	
No	(If No	skin	auestion 3)	

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

 50,000 gallons?
 Yes

 No (If No, skip question 3)

 re registry?
 Yes

 No (If No, fill out Page Three of the ACO-1)

Date of first Produce Injection:	ction/Injection	or Resumed Prod	uction/	Producing Me	ethod:	bing 🗌 Gas I	Lift Other (Explain	)	
Estimated Production Oil Bbls. Per 24 Hours			Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity	
Vented	Sold Lubrit ACO	Jsed on Lease		Open Hole	METHOD (	DF COMPLETION	p. Commingled	PRODUCTION Top	N INTERVAL: Bottom
Shots Per Foot	Perforatior Top	Bottom		Bridge Plug Type	Bridge H Set A			ot, Cementing Squeeze I nd Kind of Material Used)	Record
TUBING RECORE	D: Siz	e:	Set At:		Packer At	:			

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	HILLS SWD 1-13
Doc ID	1532258

All Electric Logs Run

CDL/CNL/PE
SONIC
MEL
DIL

Form	ACO1 - Well Completion
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Tops

Name	Тор	Datum
Anhydrite	2654	+ 324
B/Anhydrite	2686	+ 292
Heebner	3865	- 887
Lansing	3911	- 933
Stark	4096	- 1117
Marmaton	4163	- 1185
Pawnee	4270	- 1292
Cherokee	4347	- 1369

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## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.250	8.625	20	221	Common		3% cc, 2% gel
Production	7.875	5.5	15.5	4385	SMD	250	

### Summary of Changes

Lease Name and Number: HILLS SWD 1-13 API/Permit #: 15-153-21246-00-00 Doc ID: 1532258 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value	
Completion - SWD	No	Yes	
Approved Date	06/08/2020	10/06/2020	
Lease Name	HILLS	HILLS SWD	
Method Of Completion - Perf	No	Yes	
Producing Method Other	No	Yes	
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=15 18442	//kcc/detail/operatorE ditDetail.cfm?docID=15 32258	