CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION KOLAR Document ID: 1520807

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

WELL COMPLETION FORM

Confidentiality Requested:

Yes No

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #		API No.:				
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.gxxx.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:				
☐ Oil ☐ WSW ☐ SW		Elevation: Ground: Kelly Bushing:				
		Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	5 V V	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc	2.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follo		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: Orig	inal Total Depth:					
	v. to EOR Conv. to SWD	Drilling Fluid Management Plan				
	v. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
Commingled Permit	#:	Chloride content: ppm Fluid volume: bbls				
	#:	Dewatering method used:				
SWD Permit	#:	Location of fluid disposal if hauled offsite:				
EOR Permit #	#:	On earlier Marine				
GSW Permit #:		Operator Name:				
		Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date		Quarter Sec TwpS. R East West				
		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:
	ail all cores. Report all final copies of drill stems tests giving interval tested, time tool sure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, stra 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 Sheets)			Yes No		Log Formation (Top), Dep			nd Datum	Sample
Samples Sent to Geol	ogical Surve	Эу	Yes No	Na	ame			Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mu	ld Logs		Yes						
List All E. Logs Run:									
			CASING Report all strings set-	RECORD		Used ate, producti	on, etc.		
Purpose of String	Size Dril		Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE	RECORD			
Purpose: Depth Top Bottom Perforate Protect Casing Plug Back TD Plug Off Zone			Type of Cement	# Sacks Used		Type and Percent Additives			
 Did you perform a hyd Does the volume of th Was the hydraulic frac 	e total base fl	uid of the hydra	ulic fracturing treatmen	-		Yes Yes Yes	No (If No, sh	kip questions 2 an kip question 3) I out Page Three	
Date of first Production/I Injection:	njection or Re	esumed Producti	on/ Producing Met	hod:	Gas Li	ft 🗌 O	ther (Explain)		
Estimated Production Oil Bbls. Gas Per 24 Hours		Gas	Mcf V	Vater	Bt	bls.	Gas-Oil Ratio	Gravity	
DISPOSITIO	ON OF GAS:			METHOD OF COM	PLETION:				ON INTERVAL:
Vented Sold Used on Lease (If vented, Submit ACO-18.)		Open Hole		Dually Comp. Commingled Submit ACO-5) (Submit ACO-4)		0	Тор	Bottom	
Shots Per Perforation Perforation Bridge Plug Foot Top Bottom Type			Bridge Plug Set At	ridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Set At (Amount and Kind of Material Used)					
TUBING RECORD:	Size:	S	et At:	Packer At:					

Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	CULWELL 'H' 1-19
Doc ID	1520807

All Electric Logs Run

DIL	
DUCP	
MEL	
BHCS	

Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.250	8.625	23	303	Class A	300	3 % CC, 2% Gel
Production	7.875	5.500	15.5	5091	H-Conn, H-Long	450	3% CC, # per sxs pheno- seal, 1% gel, 10% salt, 5# per sxs

Summary of Changes

Lease Name and Number: CULWELL 'H' 1-19 API/Permit #: 15-023-21481-00-00 Doc ID: 1520807 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	Rene Stucky	Karen Ritter
Approved Date	07/31/2018	06/23/2020
Method Of Completion - Perf	No	Yes
Producing Method Pumping	No	Yes
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=14 16794	//kcc/detail/operatorE ditDetail.cfm?docID=15 20807