KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

All blanks must be complete

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License#				API No. 15						
Name:				Spot Description:						
Address 1:				··	Se	ec Twp	S. R.		_ 🗌 E	W
Address 2:						fe				
City:	State:	Zip:	+	GPS Location: Lat:, Long:						
Contact Person:					(6	.g. xx.xxxxx) AD83 WGS84	, Long:	(e.gxxx.	.xxxxx)	
Phone:()						Elevation:			GL	Пкв
Contact Person Email:				-						
Field Contact Person:				Well Type: (c	heck one) 🗌 (Oil 🗌 Gas 🗌 OC	G 🗌 wsw 🗌 d	Other:		
Field Contact Person Phon						[#:		
	()									
				Spud Date: _		Da	ite Shut-In:			
	Conductor	Surface	Pro	duction	Intermedia	ate	Liner		Tubing	
Size										
Setting Depth										
Amount of Cement										
Top of Cement										
Bottom of Cement										
Casing Fluid Level from Su	rface:	F	low Determined?				Dat	te:		
Casing Squeeze(s):										
Do you have a valid Oil & O	as Lease? 🗌 Yes	No								
Depth and Type: 🗌 Junk	in Hole at	Tools in Hole at	Ca	sing Leaks:	Yes 🗌 No	Depth of casing	leak(s):			
Type Completion: ALT							depth)		Sack of C	,emen
Packer Type:	Size: _		Inch	Set at:		Feet				
T (I D)	Plug B	ack Depth:		Plug Back Method	d:					
Iotal Depth:										
Geological Date:					Completion Information					
Geological Date:	Formatio	n Top Formation B	ase		Com	pletion Information	on			
				ration Interval		pletion Informatio		t	to	_Feet

Submitted Electronically

<i>Do NOT Write in This Space -</i> KCC USE ONLY	Date Tested:	Results:	Date Plugged:	Date Repaired:	Date Put Back in Service:
Review Completed by:		Comments:			
TA Approved: 🗌 Yes 🗌 D	enied Date:				

Mail to the Appropriate KCC Conservation Office:

	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.261.6250

(((echometer)))

Cundiff A3 10/16/2018 10:52:58AM

Fluid Above Pump 2515 ft TVD Liquid Level 1748 ft MD **Equivalent Gas Free Above Pump** 2322 ft TVD Production Gun - WRFG753 Date Entered 10/16/18 Sec ft MD Current Potential Oil BBL/D A Water * * BBL/D Gas * * Mscf/D **IPR** Method Vogel PBHP/SBHP -0.00 Producing Efficiency 0.00% 1000 Casing Pressure 2 Pressure 4.7 psi (g) Annular Gas Flow LL: 1748 ft Gas Flow 2.4 Mscf/D 2000 0 00 0 **Fluid Properties** % Liquid Above Pump 92.22% % Liquid Below Pump 0 0 0 0 Depths Pump Intake Depth 4263 ft 0 0 0 Formation Depth 4222 ft 0 -3000 Wellbore Pressures 0 0 0 0 PIP 779.9 psi (g) 6 PBHP 766.9 psi (g) SBHP 0 0 Gas/Liq Interface 0 0 5.7 psi (g) 4000 Collar Analysis (Automatic) Casing Pressure Buildup 6 -5.5 5 M. M. Hele, J. M. May Manual Manual Manual Company 4.5

00.511.52Delta Time. MinutesCasing Pressure4.7 psi (g)1140 ft/sBuildup0.2 psi (g)17.98 Jts/secBuildup Time1 min 55 sec54.77 JtsGas Gravity from Collar Analysis (Automatic)0.8379 Air = 1

Comments and Recommendations

Average Acoustic Velocity

Average Joints Per Sec.

Joints To Liquid

Echometer Company 5001 Ditto Lane Wichita Falls, TX 76302 (940) 767-4334 info@echometer.com

STATE OF KANSAS

Corporation Commission Conservation Division District No. 1 210 E. Frontview, Suite A Dodge City, KS 67801



PHONE: 620-682-7933 http://kcc.ks.gov/

GOVERNOR JEFF COLYER, M.D. Shari Feist Albrecht, Chair | Jay Scott Emler, Commissioner | Dwight D. Keen, Commissioner

October 23, 2018

Katherine McClurkan Merit Energy Company, LLC 13727 Noel Road, Suite 1200 Dallas, TX 75240

Re: Temporary Abandonment API 15-055-22329-00-01 Cundiff A 3 SW/4 Sec.10-23S-34W Finney County, Kansas

Dear Katherine McClurkan:

"Your temporary abandonment (TA) application for the well listed above has been approved. In accordance with K.A.R. 82-3-111 the TA status of this well will expire 10/23/2019.

* If you return this well to service or plug it, please notify the District Office.

* If you sell this well you are required to file a Transfer of Operator form, T-1.

* If the well will remain temporarily abandoned, you must submit a new TA application, CP-111, before 10/23/2019.

You may contact me at the number above if you have questions.

Very truly yours,

Michael Maier"