KOLAR Document ID: 1485709

Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32446
Name: Merit Energy Company, LLC
Address 1: 13727 NOEL ROAD, SUITE 1200
Address 2:
City: DALLAS State: TX Zip: 75240 + 7362
Contact Person: IDANIA MEDINA
Phone: (620) 629-4228
CONTRACTOR: License # 34199
Name: Rawhide Well Service, LLC
Wellsite Geologist: N/A
Purchaser:

Designate Type of Completion:
☐ New Well ☐ Re-Entry ☑ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator: MERIT ENERGY COMPANY
Well Name: BOCK A-2
Original Comp. Date: 3/27/2017 Original Total Depth: 5711
☐ Deepening ☑ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

7/22/2019 Spud Date or Recompletion Date
Date Reached TD
7/29/2019 Completion Date or Recompletion Date

API No.: 15-081-22156-00-02
Spot Description:
SW - NW - SE - NE Sec. 15 Twp. 28 S. R. 34 ☐ East ☑ West
1829 Feet from ☑ North / ☐ South Line of Section
1085 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Haskell
Lease Name: BOCK A Well #: 2
Field Name: EUBANK
Producing Formation: MORROW
Elevation: Ground: 3030 Kelly Bushing: 3043
Total Vertical Depth: 5711 Plug Back Total Depth: 5665
Amount of Surface Pipe Set and Cemented at: 1625 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. 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:** Karen Ritter **Date:** 12/17/2019

Page Two

Operator Name: Merit Energy Company, LLC Lease Name: BOCK A Well #: 2

Sec. 15 Twp. 28 S. R. 34 ☐ East ☑ West County: Haskell

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 Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☐ Yes	☑ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
SEE ORIGINAL		

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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
Surface	12.25	8.625	24	1625	A	570	SEE ORIGINAL
Production	7.875	5.5	17	5709	A	290	SEE ORIGINAL

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method:
7/29/2019	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	32				

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL: Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	5284	5302

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4	5284	5302			Morrow/ Frac (see attached)
			RBP Retrievable Bridge Plug	5450	

TUBING RECORD: Size: 2.8750 Set At: 5412 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	BOCK A 2
Doc ID	1485709

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	12.25	8.625	24	1625	A	570	SEE ORIGINAL
Production	7.875	5.5	17	5709	A	290	SEE ORIGINAL

WellView

Daily Activity and Cost Summary

Well Name: Bock A-2

API/UWI	Lease Line Legal Desc	Field Name	License #	State/Province	Well Configuration Type
15-081-22156	NE/4 SEC 15-T29S-R34W 1829FNL&10...	Wildcat (Kansas)		KANSAS	
Original KB Elevation (ft)	**KB-Tubing Head Distance (ft)**	**Original Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
3,043.00		3/14/2017 20:45			

Job Category	Primary Job Type	Secondary Job Type	Status 1
Completion/Workover	Fracture Treatment		
AFE Number	**Job Start Date**	**Job End Date**	**Total AFE Amount (Cost)**
	7/22/2019		

Objective
the Morrow Lime and frac the well

Procedure

Contractor	Rig Number	Rig Type
Rawhide	6	

4.0	7/24/2019	7/24/2019	111,450.00	134,650.00	Crew Drove To Loc. Filled up the JSA. Gore Frac crew Move in and Rig up. press test all the pumping Lines to 5000 Psi. frac the well via 5.5 casing to Stimulate the Morrow lime formation @ 5284-5302' with Total Load 1656 Bls. Total water 1656' bls. Total 40/70 81733 Lbs. N2 2,332,000 SCF, Ave Rate 71 BPM. Max rate 75 BPM. Ave Psi 3028 psi. Max Psi 3348. ISIP @ 2556 Psi. 5 Min 2121 Psi. 10 Min 1918 Psi. 15 Min 1783 psi. Rig down the Gore Frac crew. Rigged up the flow Line Open the Well on the 1/4 choke with 1150 psi. Flow back the well for 7.5 hrs to mid night. recover 106 bbls. Last Hrs Flowing Press on 1/2 choke 220 psi. recover 18 bbls of 100% oil not sand 12:00 AM Continuos Flowing.	mar