KOLAR Document ID: 1569999

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 # 35177
Name: Rick's 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: McWilliams E-7
Original Comp. Date: 4/25/2018 Original Total Depth: 5269
☐ 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 #:

1/4/2021 — Spud Date or Recompletion Date
— Date Reached TD
01/12/2021 — Completion Date or Recompletion Date

API No.: 15-055-22484-01-01
Spot Description:
SE - NE - NE - SE Sec. 21 Twp. 24 S. R. 33 ☐ East ☑ West
2156 Feet from ☐ North / ☑ South Line of Section
136 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: Finney
Lease Name: MCWILLIAMS E Well #: 7
Field Name: Cowgill
Producing Formation: Upper Morrow & Chester
Elevation: Ground: 2887 Kelly Bushing: 2899
Total Vertical Depth: 5269 Plug Back Total Depth: 5200
Amount of Surface Pipe Set and Cemented at: 1704 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: 04/26/2021
☐ **Confidential Release Date:** 04/26/2023
☐ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 04/26/2021

Operator Name: Merit Energy Company, LLC Lease Name: MCWILLIAMS E Well #: 7

Sec. 21 Twp. 24 S. R. 33 ☐ East ☑ West County: Finney

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 ☐ Yes ☑ No
(Attach Additional Sheets)

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 Originals		

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
Conductor	17.2	13.375	48	202	A	218	See Original
Surface	12.25	8.625	24	1704	A	665	See Original
Production	7.875	5.5	17	5261	A	160	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: 1/13/2021

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25.69				

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☑ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
4869	5021

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	4896	4902			U. Morrow / Frac- See Attached
	4997	5021			Chester (prev)
			CIBP Cast Iron Bridge Plug	5200	

TUBING RECORD: Size: 2.8750 Set At: 5062 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	MCWILLIAMS E 7
Doc ID	1569999

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	17.2	13.375	48	202	A	218	See Original
Surface	12.25	8.625	24	1704	A	665	See Original
Production	7.875	5.5	17	5261	A	160	See Original

WellView

Daily Activity and Cost Summary

Well Name: MCWILLIAMS E-7

API/UWI	Lease Line Legal Desc	Field Name	License #	State/Province	Well Configuration Type
150552248401	SE/4 Sec. 21-24-33W 2145 FSL & 205 FEL	Cowgill		KANSAS	
Original KB Elevation (ft)	**KB-Tubing Head Distance (ft)**	**Original Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
2,899.00					

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)**
066815	1/4/2021		74,320.00

Objective: Fracture Treatment

Procedure:

Contractor	Rig Number	Rig Type

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary	Last Mod By
1.0	1/4/2021	1/4/2021	4,250.00	4,250.00	Crew drove rig to loc, filled up JSA, R/up rick's well service unit, unhang the well long stroke the pump for 10 min just light blow. Unset the pump tbg show light vaccum and R/up 1-.25 rod tools and trip[OTH w/ 1.25 x26' PR, 1.5 x14' PRL, 2 'x1" steel sub, 3 '9'1 8 x1.25 F-G subs, 53x1.25 F-G rods, 108 x7/8" guide rods, 9 x1.5 K-Bars w/ stblz, 26,000# sheer tool, 1 x1.5 K-Bar, 2.5x1.75 x22' Pump, R/up tbg tools Unflange well off, release TAC and trip OTH w/ 148 JTS 2-7/8" tbg, TAC @ 4833' 7-jTS, 19' desender @ 5081' tail pipe @ 5113' Go back ITH w/ 4-3/4" bit and csg scraper went down to 5065' w/ 148 jts, Trip OTH w/ tbg and lay down bit and scraper, shut well in, sdfn.	maragon
2.0	1/5/2021	1/5/2021	11,100.00	15,350.00	Crew drove to loc, filled up JSA, check shut in csg press 0-psi, R/up tbg tools and run ITH w/ C-F 5.5" RBP and seated @ 4980' w/ 153 JTS 2-7/8" tbg RBP 17' above Chester Upper Lower zone, J-off the RBP and N/down manual BOP, lay down 1 jt and flange well off, R/up Pro/stim water truck load csg and tbg w/ 105 bbls 4% KCL, press cgs test to 4200 psi held good for 30 min, bleed csg press off and flange well off R/up manual BOP and trip OTH w/ 152 jts and RH, R/up csg swab tools tag lfl @ 600' and swab csg down to 4300' rec back 102 bbls 4% KCL lay down swab tools, R/up excel wire line and perforate Upper Mrrow Sand from 4896' to 4902' 4Spf 24 holes, R/down excel wire line R/up csg swab tools by 4:00 pm tag lfl @ 4300 w/ 10% oil first run, first hr rec 12 bbls trace of oil w/ 4 csg swab runs, Ffl @ 4870 csg in vacc behind swab run, wait 30 min and make another swab run well was dry to 4300' lay swab toolsa down, shut well in, sdfn, crew travel.	maragon
3.0	1/6/2021	1/6/2021	3,600.00	18,950.00	Crew drove to loc, Filled up JSA, check shut in csg press 5-psi, R/up csg swab tools and tag lfl @ 4700' trace of oil, first hr rec 3 bbls of water w/ 2 swab runs Ffl @ 4850' lay down swab tools, R/up tbg tools and N/up manual BOP, run 5.5" RBP w/ 5 jts set it @ 165' J-off it trip OTH w/ tbg and RH, R/up pro/stim pump truck and load csg w/ 4 bbls and press test frac valve to 4200 psi for 30 min ok, bleed csg press off latch on RBP trip tbg OTH and lay down RBP, put flange on top of frac valve, shut well in, sdfn, crew travel.	maragon
4.0	1/7/2021	1/7/2021	42,100.00	61,050.00	Crew drove to loc, filled up JSA, R/up gore nitrogen frac tools, frac well w/ Total Load 302 bbls, total X frac 250 bbls, Total L frac 52 bbls total 16/30 18,154 Lbs, Total N2 591,000 SCF, average rate 24 Bpm, Max rate 26 Bpm, Average pressure 2550 Psi, Max pressure 2934 psi ISIP 2538 Psi, 5-min 2382 psi, R/down gore nitrogen and wait till 1:30 pm check shut in csg press 2030 psi, open well on 1/4" C -N from 1:30 to 2:30 flow back 27 bbls foame water, no sand no oil, flow well back for 5 hrs flow back 52 bbls of foame water, last 2 hrs didn't make any fluid, shut well in, sdfn.	maragon