KOLAR Document ID: 1583341

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 #	API No.:			
Name:	Spot Description:			
Address 1:				
Address 2:	Feet from North / South Line of Section			
City:	Feet from			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()	□NE □NW □SE □SW			
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx.xxxxx)			
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)  Datum: NAD27 NAD83 WGS84			
Wellsite Geologist:				
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:			
☐ Oil ☐ WSW ☐ SWD	Producing Formation:			
☐ Gas ☐ DH ☐ EOR	Elevation: Ground: Kelly Bushing:			
☐ OG ☐ GSW	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         □ Plug Back       □ Liner       □ Conv. to GSW       □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
	Chloride content: ppm Fluid volume: bbls			
Commingled Permit #:	Dewatering method used:			
□ Dual Completion         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 Approved by: Date:				

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#### Page Two

Operator Name:				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	st West	County:				
	lowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken Yes (Attach Additional Sheets)			Yes No			on (Top), Depth ar	Sample	
Samples Sent to G	eological Surv	ey	Yes No	Na	me		Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		Re			New Used	ion, etc.		
Purpose of Strin		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	QUEEZE RECORD	l		
Top Bo		epth Ty Bottom	pe of Cement	# Sacks Used	sed Type and Percent Additives			
Perforate Protect Casii Plug Back TI								
Plug Off Zon								
<ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol>	of the total base f	luid of the hydraulic	fracturing treatment	_	_	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Producti Injection:	on/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other <i>(Explain)</i>		
Estimated Production Oil Bbls. Per 24 Hours						Gas-Oil Ratio	Gravity	
DISPOSITION OF GAS: METHOD OF CO				METHOD OF COMP	LETION:			ON INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease ☐			Open Hole		ually Comp. Commingled ubmit ACO-5) (Submit ACO-4)		Тор	Bottom
,	Submit ACO-18.)							
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)			Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5513   1200  10.	5120.		···	. 30.0.71				

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	ONION MORROW UNIT (OMU) 401W
Doc ID	1583341

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	1759	Class H	800	See Original
Production	7.875	5.5	17	5569	Class H	525	See Original

## OMU 401W

Daily Operations						
Summary	Start Date					
Crew drove to loc, filled up check shut in csg press light blow, R/up Gemeni wire line and set a CIBP @ 4020' 50' above Lansing Zone dump 2 sacks of cement on top of CIBP, set another CIBP @ 3525' 20' above DVT dump 2 sacks of cement on top of the CIBP, R/down wire line, R/up tog tools and run ITH w/ 109 JTS 2-7/8" IPC tog, N/down C-F manual BOP pack well off, R/up pro/stim pump 95 bbls Pkr fluid down the csg circulate up the tog in to K&L vacc truck, press csg test to 350 psi csg held good, R/down rick's well service unit, clean loc and move back to the yard. SDFN, crew travel. Tubing details 109 jts 2 7/8 IPC SN 3487' CIBP @ 3525', 2 sacks cement. CIBP @ 4020', 2 sacks cement.	4/6/2021					
Perf Details LANSING (SQZED) 4070-4078 w/ 4 SPF (1/21/98) 4112-4115 w/ 4 SPF (1/17/98) 4188-4191						
KANSAS CITY 4494-4500 RBP @ 4534'(1 sx of sand.) Fish(Top 4535)(Bottom@ 4677') (Chemical Cut Body 28' and 3 jts Safety joint. check valve and 4 3/4 bit)						
(55' of sand stuck on pipe Tag w/ wash pipe. and 3 jts and 20' full of sand inside the tbg>) MARMATON 4681-4686						
CIBP @ 5100 (1/14/98)						
MORROW (1/8/98) 5168-5176 5175-5183 5186-5189						
CIBP @ 5200 (1/8/98) MORROW (11/17/85) 5208-5216 5228-5236						