RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	: en Flo [,] liverab					Test Date	e :	tructio		verse Side	API	No. 15	0000		
Company	,		COMPAN			03/23/20	J13	<u></u>	Lease KELLE	₹	15-	175-21616 <i>-</i>	D-1	Well N	umber
County Location SEWARD 945' FNL & 1900' FWL				Section 25						RNG (E/W) 32W		Acres Attributed 640			
Field ARKALON				Reservoir LOWER MORROW			Gas Gathering Conne APC		ection						
Completion Date 06/26/1997				Plug Bac 5700'	Plug Back Total Depth 5700'			n Packer Set at NA				· · · · · · · · · · · · · · · · · · ·			
5.5 15.5#				Internal Diameter 4.95			Set at 6034'		Perforations 5622'		то 5646'				
Tubing Si 2.375	Tubing Size Weight 2.375 4.7#				Internal [1.995	Internal Diameter 1.995			Set at 5721'		Perforations NA		To NA		
Type Completion (Describe) SINGLE GAS					Type Fluid Production NONE			Pump Unit or Traveling NO		Plunger? Yes / No					
Producing		(Anr	nulus / Tubir	ng)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· % C	Carbon D	ioxide)		% Nitrog	jen	Gas G	avity -	G _g
Vertical Depth(H) 5634'						ressu LAN	re Taps GE				(Meter	(Meter Run) (Prover) Size 3			
Pressure	Buildu	p:	Shut in _03	/22	/13 20	0 at _1	2:30 P	<u>M</u> (/	AM) (PM)	Taken_03	3/23/13	20	at_12:30	PM	(AM) (PM)
Well on L	ine:		Started		20) at		(/	AM) (PM)	Taken			at		(AM) (PM)
,							OBSEI	RVED	SURFAC	E DATA			Duration of Shut	-in	Hours
Static / Dynamic Property	nic Size		Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Well He Temperature t t		Mollhoad D.		Pressure	Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)		
Shut-In	.05									75		50	24		
Flow															
							FLOW	STRE	AM ATTR	IBUTES					
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension	Gravity Factor F _g		Flowing Temperature Factor F ₁₁			iation ctor pv	Metered Flow R (Mcfd)	(Cubic Fe	GOR (Cubic Feet/ Bárret)	
,			<u> </u>							<u> </u>					
(P _c) ² =		_:	(P _w) ²		:	(OPEN FL	OW) (DE	LIVEF) CALCUL P _c - 14.4) +		:	(P _a)	$1^2 = 0.2$ $1^2 = 0.2$	207
or	$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ed by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	formula 1. or 2. and divide P_2 - P		Backpressure Cun Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	O De Equal	verability R x Antilog Mcfd)
		·····					<u>.</u>		<u> </u>						
Open Flov					Mcfd @ 14.6	55 psia		• ,.],	Deliverab	oility			Mcfd @ 14.65 ps	jia	
The u	ındersi	gnec	i authority, o				tates th				o make th		rt and that he ha		rledge of
					eport is true							ovember			20 13
												M	CP		
			Witness	(if any)		,		-		i	For C	ompany	KC	C WICH
			For Com	missio	n			-	_			Chec	ked by	NIO	V 12 2013

I declare under penalty of perjury	y under the laws of the s	tate of Kansas that I an	n authorized to request				
exempt status under Rule K.A.R. 82-3	-304 on behalf of the oper	ator MERIT ENERGY	COMPANY				
and that the foregoing pressure infor	mation and statements	contained on this applic	ation form are true and				
correct to the best of my knowledge a							
of equipment installation and/or upon			_				
I hereby request a one-year exem		ing for the KELLER D	•1				
gas well on the grounds that said well	l:						
(Check one)							
is a coalbed metha	ane producer						
is cycled on plunger lift due to water							
is a source of natu	ural gas for injection into a	an oil reservoir undergoi	ng ER				
is on vacuum at th	e present time; KCC appi	oval Docket No					
✓ is not capable of p	producing at a daily rate i	n excess of 250 mcf/D					
		•					
I further agree to supply to the be			s deemed by Commissio				
staff as necessary to corroborate this	s claim for exemption from	n testing.					
•							
Date: _11/05/2013							
•	·						
			•				
	Simpatura. N	Church Par					
	Signature:///	- C, CCC, E , CC					

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.