KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	erse Side)					
Open Flow					Test Date:				ΔPI	No. 15				
Deliverabilty				01/05/2015					175-20410-0	0000				
Company MERIT ENERGY COMPANY				Lease NIX				·.		,	Well Number D-1			
County Location SEWARD 660' FSL & 660' FWL				Section 27	TWP .		RNG (E.	W)	Acres Attributed 640					
Field ARCHER				Reservoir LOWER MORROW				Gas Gat	hering Conn	ection				
Completion Date 07/27/1997					Plug Back Total Depti 6100'		th	Packer Se NA'		Set at	***		·	
Casing Size 5.5			Weight 15.5#		Internal Diameter 4.95		Set at 6457'		Perforations 5957'		то 5 974 '			
Tubing Size 2.375			Weigh 4.7	t	Internal Diameter 1.995		Set at 6030'		Perforations NA		To NA			
Type Completion (D SINGLE GAS						d Production		WALLES THE STREET STREET			Traveling Plunger? Yes / No			
			nulus / Tubing	g)		arbon Dioxi	de		% Nitrog		Gas Gr	avity - (3,	
TUBING													·	
Vertical Depth(H) 5965'					Pressure Taps PIPE					····-	(Meter Run) (Prover) Size 4			
Pressure	Buildu	p:	Shut in	052	15 at 8	:30 AM	(AM) (PM)	Taken_01	/06	20	15 at 8:30 A	M ((AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	((AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu	I	Flowing Well Head Temperature Temperature		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In	.50	-	psig (Pm)	Inches H ₂ 0			85.0	psia	psig	psia	24		-	
Flaw		_		_		_	 			 	_	_		
						FLOW STR	EAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m ×h	Extension Fact		Flowing Femperature Factor F _{it}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
-				_	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P _a)	2 = 0.2	07	
(P _c) ² =		_:_	(P _w) ² =		P _d =		% (P _c	- 14.4) +	14.4 =	;	(P _d)	<u>=</u>		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	1. P _c ² -P _s ² LOG of formula 1, or 2. and divide		Slope Assi	essure Curve pe = "n" n x - or esigned lard Slope		LOG	Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								-						
							<u></u>							
Open Flow Mcfc			Mcfd @ 14.	0 14.65 psia Del			ity	Mcfd @ 14.65 psia						
The (undersi	gned	d authority, or	n behalf of the	Company, s	tates that h	e is duly aut	horized to			rt and that he ha			
the facts s	tated ti	nerei	n, and that sa	aid report is true	and correc	t. Executed	this the 30	lh	day of N	ovember		,	20 15	
			Witness P	(anv)	К		ceived DRATION COMM	ISS!ON	M	erit Energ	y Company	<u>/</u>		
	Witness (if any)					DEC 0 2 2015				Katherine McClurkan				
			For Comm	1301011		レレレ	V & LUIJ			CUBI	med by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company
and that the foregoing pressure information and statements contained on this application form are true and
correct to the best of my knowledge and belief based upon available production summaries and lease records
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the Nix D-1
gas well on the grounds that said well:
(Check one)
is a coalbed methane producer
is cycled on plunger lift due to water
is a source of natural gas for injection into an oil reservoir undergoing ER
is on vacuum at the present time; KCC approval Docket No
is not capable of producing at a daily rate in excess of 250 mcf/D
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing.
Date: November 30, 2015
Date
1
Signature: Katherine McClurkan Wy McClurkan Received KANSAS CORPORATION COMMISSION Title: Regulatory Analyst
DEC 0 2 2015
CONSERVATION DIVISION WICHITA, KS

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.