Kansas Corporation Commission . One Point Stabilized Open Flow or Deliverability Test

Type Tes	t:			(See Instruct	ions on Reve	erse Side)			
Open Flow				Tool Date	Test Date:			A DI	No. 15		
Deliverabilty					10/09/2015				No. 15 129-21726-0	0000	
Company MERIT I		Y COMPANY	•			Lease MURPHY	′ C			3	Well Number
County Location MORTON 1320 FSL & 330 FWL			Section 11			TWP RNG 32S 41W		W)		Acres Attributed 640	
			Reservair LOWER	MORROV	٧	Gas Gathering Conne			ection		
Completion Date 04/28/2004			Plug Bac 5517	k Total Dept	h	Packer Set at NA					
Casing Size Weight 5.5 15.5#			Internal E 4.95	Internal Diameter 4.95		Set at 5597		rations 8	то 5228		
Tubing S 2.375	bing Size Weight 375 6.5		Internat Diameter 2.441		Set at 5085		Perforations NA		To NA		
Type Completion (Describe) SINGLE GAS			Type Flui	d Production	1	Pump Unit or Trav YES		ait or Traveling	lling Plunger? Yes / No		
Producing	- `	Annulus / Tubir	rg)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avit y - G _g
Vertical D		0.11	12.7.7.2.7.		Pres FLAI	sure Taps NGE				(Meter	Run) (Prover) Size
Pressure	Buildup	: Shut in 10	/09 2	o 15 at 1	0:00 AM	(AM) (PM) T	aken_10	/10	20	15 _{at} 10:00	AM (AM) (PM)
Well on L	.ine:			0 at	 	(AM) (PM) 1	aken		20	at	(AM) (PM)
		Circle one:			OBSERVE	D SURFACE				Duration of Shut-	in 24 Hours
Static / Dynamic Property	Dynamic Size		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	1.75		-			18				24	
Flow											
					FLOW STR	EAM ATTRIE	BUTES				
Plate Coeffiectent (F _b) (F _p) Mofd		Girde one; Meter or Prover Pressure psia	Press Extension	Grav Fact F _s	tor Temperature		Deviation Factor F _{pv}		Metered Flow Pl (Mcfd)	v GOR (Cubic Fe Barrel)	Gravity
$(P_c)^2 =$.: (P _w) ²	= :	(OPEN FLO	, ,	ERABILITY) %		ATIONS 14.4 =	:	(P _a) (P _d)	² = 0.207 ² =
(P _c) ² - (or (P _c) ² - (a.	(P _o) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_d^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2. and divide	P _c ² - P _w ² .	Backpressure Curve Slope = "n" or		пх	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
								-			
Open Flow Mcfd @ 14.65				65 psia	5 psia Deliveral		ty Mcfd @			Mcfd @ 14.65 ps	ia
	_	•								ort and that he ha	
the facts s	stated th	erein, and that	sald report is true	e and correc	t. Executed	this the 30t	<u>.</u>	day of _N	ovember		, 20 <u>15</u>
	mary	Witness	(il any)		Received	-		N		rgy Compai	ny
		For Com		KANSAS COR	PORATION CO	Aud as Add			Katherir	ne McClurka	an

DEC 0 2 2015

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 Murphy C-3
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 daim for exemption from testing.
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D. Mayambar 20, 2015
Date: November 30, 2015
Signature: Katherine McClurkan Kod Neuwi McClurk
Paralised
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.