KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t: en Flo	ıw		POINT 5	((See Instruc))		3		
√ De					Test Date 01/22/2			API No. 15 15-175-20400 <i>-⊅00≬</i>					
Company MERIT I	RIT ÉNERGY COMPANY						Lease UNDERWOOD				A-1	Well Number	
County SEWAR				Section 23		TWP 34S		RNG (E/W) 34W			Acres Attributed		
Field ADAMSON			Reservoir CHESTER		· · · · · ·		Gas Gathering Connecti						
	ompletion Date 1/04/1997			Plug Back Total Depti 6490'		th	ħ		Set at				
Casing S 5.5	g Size Weight 15.5#			Internal Diameter 4.95		Set at 6668'		Perforations 6088'		To 6098'			
Tubing S 2.375	ize		-	Weight 4.7#		Internal Diameter 1.995		Set at 5636'		prations	To NA		
	Completion (Describe) GLE GAS			Type Flui	d Productio	Pu			NA Pump Unit or Traveling Plung NO		/ No		
Producing TUBIN(-	(An	nulus / Tubir	ng)	% (Carbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G	
Vertical [6093'	Depth(F	1)				Pres	ure Taps IGE		,-		(Meter I	(Meter Run) (Prover) Size	
Pressure	Buildu	ıp:	Shut in 01	/22/2013 2	0at_9			Taken 01	/23/20	13 20	9:00 A	M (AM) (PM)	
Well on L												(AM) (PM)	
						OBSERVE	D SURFACI	E DATA	_		Duration of Shut-	inHou	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Press psig (Pm)	Differential in	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _c) psig psia		Wellhe	Tubing rad Pressure r (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	0.63	3					F	18	pung	15	24		
Flow													
						FLOW STR	EAM ATTR	BUTES		-			
Coeffiec (F _a) (F	Plate peffiecient F _s) (F _p) Mofd		Circle one: Promote Meter or External Prover Pressure psia		Gravity Factor F		Temperature Fac		riation Metered Flow actor R F _{PV} (Mcfd)		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
										·			
(P _c) ² =		_:	(P _*) ² =	=:	OPEN FLO	OW) (DELIV	•	CALCUL - 14.4) +	_	:	(P _a)² (P _a)²	= 0.207 =	
(P _c) ² - (F or (P _c) ² - (F	- 1	(P	(P _w) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by:	b. 5 - b. 5	Slop Ass	ssure Curve e = "n" or igned ard Slope	пхi	roe	Antilog	Open Flow Deliverability Equals R x Antilog (McId)	
				<u>-</u> 1				<u> </u>					
Open Flor	<u> </u> W			Mcfd @ 14.	65 psia	 -	Deliverabi	lity	<u> </u>		lcfd @ 14.65 psi	a	
										ne above report	and that he ha	7.50.00	
ne facts st	tated th	nerei	n, and that s	aid report is true	and correc	t. Executed	this the 67	Н (day of N	ovember		, 20 <u>13</u>	
			-	(d ani)		<u> </u>	_			mo	Ψ	KCC	
·			Witness ((ii any)						For Co	mpany		

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 UNDERWOOD A-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 Commissistaff as necessary to corroborate this claim for exemption from testing.	on
Date:	
•	
Signature: M. Chen Parin	
Title: REGULATORY ANALYST	

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.