## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(5	See Instructi	ions on Rev	verse Side	)		•		
	an Flow iverabilty			Test Date 8-27-13				APIN		!9-20821 <b>- 00</b>	00	
Company		nd Gussman, L	.LC			Lease	Governn	nent	- 17- a thaill king got Marighal (17- a la) battery	energy and a second	Well Number 2-9	
County Location Morton SE NW NW			Section 9	,	TWP . 34S			RNG (E/W) 42W		Acres Attributed 640		
Field Taloga (Upper Morrow)					Reservoir Upper Morrow			Gas Gathe Regency	ering Conne	ection		
Completion Date 10-24-86			Plug Back 4617'	k Total Dept	h		Packer Set at None					
Casing Si 5-1/2"	asing Size Weight 1/2" 17#		Internal Diameter 4.950"			Set at 4648'		Perforations 4276'				
	ubing Size Weight 4.7#		Internal D 1.995"			Set at <b>4381'</b>		Perforations				
Type Com Single (1	npletion (E	Describe)		Type Fluid Water	Type Fluid Production Water			Pump Unit Pump U		Plunger? Yes	/ No	
Producing Annulus	•	nnulus / Tubing)		% C	arbon Dioxid	de	t.	-% Nitroger	), ;', ;-	Gas G	ravity - G <sub>g</sub>	
Vertical D					Press	sure Taps				(Meter	Run) (Prover) Size	
4660'					Flan	· ·				4"		
	Buildup:	Shut in8-2	27 2	0_13_at	10:00	(PM)	Taken	8-28		13 at 10:0	0 (AM)(PM)	
Weil on Li	inė:	Started	2	0 at	!	(AM) <sub>,</sub> (PM)	Taken		20	at	(AM) (PM)	
		b .			OBSERVE	D SURFAC	E DATA			Duration of Shut	-in <b>24</b> Hou	
Static / Dynamic Property	Orifice Size (inches)	Circle one: Pressure Meter Differential Prover Pressure in		Flowing Well Head Temperature Temperature		Wellhead (P <sub>w</sub> ) or (F	Casing Wellhead Pressure $(P_n)$ or $(P_t)$ or $(P_c)$		oing LPressure P <sub>r</sub> ) or (P <sub>r</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
Shut-in		psig (Pm)	Inches H <sub>z</sub> 0			psig 33 .	psia 47.4	psig	psia	24		
Flow					:		,				ı	
					FLOW STR	REAM ATTE	IBUTES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Cacte ona:  Meter or Over Pressure psia  Press Extension  ✓ P <sub>a</sub> x n		! taraviiv ' !		Flowing Temperature Factor	Emperature Fi		Privation Metered Flow Factor B F <sub>pv</sub> (Mold)		eet/ Flowing Fluid Gravity G <sub>m</sub>	
					-							
		(m. ))	٠		OW) (DELIV	•	() CALCUI P <sub>2</sub> - 14.4) -				$)^2 = 0.207$	
$(P_{o})^{2} = $		$\frac{(P_{w})^{2} = {(P_{w})^{2} - (P_{w})^{2}}$	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	P <sub>d</sub> =	, 1	Backpre	essure Curvi	i	ne [ ]		Open Flow Deliverability	
or (P <sub>s</sub> ) <sup>2</sup> - (I	P <sub>a</sub> ) <sup>2</sup>	. div	2. $P_c^2 - P_d^2$ ided by: $P_c^2 - P_w^2$	1, or 2. and divide	b.s b.s	. As	- or ssigned dard Slope			Antilog	Equals R × Antilot (Mctd)	
,				·	٠.			-				
				<u> </u>								
Open Flow Mcfd @ 14.6			.65 psla	65 psia Deliverabil				sia				
	-	ed authority, on I									13	
he facts s	stated ther	rein, and that salo	I report is thu	e and correc	at. Executed	i this the	_	day of	Augus	4	. 20 .13	
		Witness (it a	ny)		an polyton tarrown and the second	•	_Dan	nd W	Jarge	Company	(00 \\"0"	
		For Conunies	ion						Che	cked by	CC WIC	

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	declare under nenativ	of porture and	marata i a 1775 di i			and the same of	
evem	declare under penalty	or perjury unde	er the laws of th	ne state of K			
evel 11	ot status under Rule K.	A.H. 82-3-304'6	in behalf of the c	perator	Nadel a	nd Guşşman, L	LČ y/f
J Salamanartr	nat the foregoing pres	sure information	n and statemer	nts contained	on this appli	ation form are	ຕວດ true and 1.
correc	it to the best of my kno	wledge and bel	ief based upon	available pro	<sup>ಜಕ್ಕ.</sup> duction sumn	naries and loss	o ropordo :
of equ	ipment installation and	I/or upon type of	f completion or a	upon use beir	nd made of the	as well horoi	L'r.m.
Ih	ereby request a one-y	ear exemption f	rom open flow t	esting for the	Go	vernment 2-9	mamed. 7
gas we	ell on the grounds that	said well:	,	22.00		,	***************************************
					•	•	
	(Check one)		ì		•		
	is a coalb	ed methane pro	ducer	•			
		on plunger lift d		4. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		g era er Byrgtan Sa	e e e e e emen
	·		,	· · · · · · · · · · · · · · · · · · ·			
	is on you	e of natural gas	for injection int	o an oil resei	voir undergoi	ng ER	
	/ is not accu	um at the prese	ent time; KCC ap	proval Dock	et No. <u>-                                     </u>		_
·	✓ is not cap	able of producir	ng at a daily rat	e in excess o	f 250 mcf/D		
		•					•
l fu	rther agree to supply	to the best of m	y ability any an	d all supporti	ng documents	5 deemed by C	ommission
staff as	necessary to corrobo	rate this claim f	or exemption fr	om testina	e e e e e e e e e e e e e e e e e e e		91,111001QH
Lesson Taken	enter, of the		Charlagad Faculty	ា ស្នងការប្រទេស សម្រាប់ ជាស្រី ដែលមិ	TO THE STATE OF TH	Gig. 1942.1 Tavaria se sessagga)	30. Suc
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nstructions:	15						c);
nad actions.	If a gas well meets of	one of the eligib	ility criteria set o	out in KCC re	gulation K.A.F	82-3-304, the	operator ma
	Tampiono ino Stateme	an provided abov	re in order to cla	ım exempt sta	tus for the gas	well.	•
	At some point during	The current calc	endar year, well	head shut-in I	oressure shall	have, been-mea	sured after a
*** * * * * * *	minimum of 24 hours SURFACE DATA: Sh	ut-in pressure sh	all thereafter ha	reported on t	he front side o	f this form under	OBSERVE
a seaso the digit spreadings will	SURFACE DATA: Sh well continues to mee	t,the eligibility cr	iterionior until th	reported year le claim nf elik	iy in the same	manner for so lo	ng as the ga
	And the state of t	•			TO CACH	POVIL IS SELECT	
•	The G-2 form convey	ing the newest s	hut-in-preseuro	readingichall	หลากเฉตเปล่าสำรัง	<b>医原始性人口的数据</b>	त्रदेशको ५ अक्टा २
a ujasim	The G-2 form convey December 31 of the y	ing the newest s ear for which it's	hut-in-pressure» intended to aco	reading shall uire exempt s	be filed with the	e Wichita office	no later than

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CONTROLS.