KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					('See Instru	ctions on Re	verse Side	9)					
	en Flo liverat					Test Date	9:	12/13/	′2013		No. 15 -21311-000	0			
Company MIDCO		ratio	n, Inc.			·		Lease Shaw				#2-4	Well N	umber	
County Location Clark SE SW NE				Section 4		TWP 34S		RNG (E/W) 23W		Acres Attribute		Attributed			
Field Big Sand	d Cred	ek				Reservoi Chester				Gas Gatt	nering Conn O	ection			
Completic 07/26/07		te				Plug Bac 5602	k Total De	pth		Packer S None	et at				
Casing Size Weight 4.5 11.6				Internal (4.000	Diameter		Set at 5650		Perforations 5434-5456		То				
Tubing Size Weight 2.375 4.7				Internal I 1.995	Diameter		Set at 5414		Perforations		То				
Type Con Singl			escribe)		•	Type Flui Water	d Production	on			it or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) Tubing				% Carbon Dioxide				% Nitrogen		Gas G .708	Gas Gravity - G _g .708				
Vertical D	epth(ł	H)					Pre	ssure Taps				(Meter 2.06	, .	Prover) Size	
Pressure	Buildu	ıp:	Shut in 12	2/12	2 2	13 at 10	0:00	_ (AM) (PM)	Taken_	12/13/	20	13 at 10:0		(AM) (PNI)	
Well on L	ine:	i	Started _12	2/13	32	0 <u>13</u> at <u>10</u>	0:00	_ (AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSERV	ED SURFAC	E DATA			Duration of Shu	t-in <u>2</u>	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H _o 0	Flowing Well Here		ture (P_w) or (P_t) or (P_s)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In								215	psia	psig	psia .				
Flow			, , ,												
							FLOW ST	REAM ATTE	IBUTES						
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Grav Fac F _e	tor	Flowing Temperature Factor F _{f1}	Fa	riation actor pv	Metered Flow R (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
						(OPEN FL	OW) (DELI	VERABILITY) CALCUL	ATIONS			,) ² = 0.	207	
(P _c) ² =		_:_	(P _w) ²	=	:	P _d =			- 14.4) +		<u> </u>) ² =		
(P _c)²- (F or (P _c)²- (F		(P	(c)2 - (P _w)2	1 2	se formula 1 or 2 $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ of by: $P_c^2 - P_a$	LOG of formula 1. or 2. and divide	P _c ² -P _* ²	Slo As	ssure Curve pe = "n" - or signed lard Slope	n x L	.og []	Antilog	De	Open Flow eliverability Is R x Antilog (Mcfd)	
						<u> </u>							-		
Open Flor] w				Vicfd @ 14	.65 psia		Deliverat	oility			Mcfd @ 14.65 p	 sia		
The L	unders	ianec	f authority.	on be	half of the	Company, s	states that	he is duly a	uthorized t	o make th	e above repo	ort and that he h	nas kno	wledge of	
		_	•			, ,		· .			Decembe:			26 13	
			Milmar-	lif acus		K	CC W	ICH:T	<u>, </u>	MIDCO	EXPLORA'	PION, INC	•		
			Witness				AN 0.2	2014							
			For Com	mission	1	•	_	EIVED			Chec	cked by			
							スにしに	ニ マニレ							

best of my knowledge	formation and state and belief based on type of completi	tements contained or upon available produ	n this application form are true and action summaries and lease records
best of my knowledge installation and/or upo equest a one-year exe	and belief based on type of completi	upon available produ	oction summaries and lease records
installation and/or upo equest a one-year exe	on type of completi		
equest a one-year exe		on or upon use being	
•	emption from open		made of the gas well herein named.
e grounds that said w		flow testing for the _	Shaw #2-4
	ell:		ráfe.
heck one)			
	-		
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== ,		•	•
✓ is not capable of	f producing at a da	ally rate in excess of a	250 mcf/D
aroo to ouroby to the	host of my shility	and all augmentic	a documento de escad las Occasions
•		*	g accuments deemed by Commission
sary to corroborate ir	iis Claim ior exem	puon nom testing.	
NGOT (001.2			
!/21/2013			
	Signature:	Ball	Dey (D)
	Title:	Vice-President	
S	is cycled on plui is a source of na is on vacuum at is not capable or	is a source of natural gas for injection is on vacuum at the present time; he is not capable of producing at a datagree to supply to the best of my ability assary to corroborate this claim for exemption 2/27/2013	is cycled on plunger lift due to water is a source of natural gas for injection into an oil reserved is on vacuum at the present time; KCC approval Docket is not capable of producing at a daily rate in excess of agree to supply to the best of my ability any and all supporting ssary to corroborate this claim for exemption from testing.

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.