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

Type Test: ✓ Open Fix	nw.	J		(See Instruc	ctions on Rev	rerse Side	·)	LITADILIT				
Delivera				Test Date	: 11/1	L9/2014			1 No. 15 5 -21302-00 0	0			
Company MIDCO Explo	ratio	on, Inc.				Lease SHAW				#1-4	Well Nu	mber	
County CLARK		Locati SE/4	on	Section 4		TWP 34S		ANG (E	(W)		Acres A	ttributed	
Field BIG SAND C	REE	 К		Reservoir CHESTI			,	Gas Gar	thering Conn	ection			
Completion Da 7/28/2005	te			Plug Baci 5642	k Total Dep	oth		Packer :	Set at	· · · · · · · · · · · · · · · · · · ·			
Casing Size 4.5		Weigh 10.5	t	Internal E 4.052	iameter	Set a 5693		Perfo	rations 2	то 5458			
Tubing Size		Weigh	t	Internal E 1.995	lameter	Set a 5418		Perfo	rations	То			
Type Completic SINGLE	n (D	escribe)			d Production	on .		-	nit or Traveling		/ No		
Producing Thru	(An	nulus / Tubin))	% C	arbon Diox	ide		% Nitrog		Gas Gra	avity - C	ì,	
Vertical Depth(H)			-		ssure Taps NGE					Run) (Pr	over) Size	
	1b:	Shut in1	/182	ol4_at			Taken	L1/1 <u>9</u>		. <u>4 _{at} 10:0</u>	0 (AM) (PM)	
Well on Line:		Started	_/192	0 <u>14</u> at	10:00	. (AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFACE	DATA			Ouration of Shut-i	n_24	Hours	
Static / Orill Dynamic Si Property (Incl	20	Circle one: Meter Prover Presso psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead I (P,,) or (P,	Pressure	Wellhe	Tubing ad Pressure r (P ₁) or (P ₂)	Duration (Hours)	Liquic	i Produced Barrels)	
Shut-In						260	psia	psig	psia				
Flow									<u>. </u>				
Plate		Circle one:	Press	Τ		Flowing		<u> </u>				Flowing	
Coefficient (F _b) (F _p) Mcfd	Pro	<i>Meter</i> or over Pressure psia	Extension ✓ P _m x h	Grav Fact F _e	or	Temperature Factor F _{tt}	Fa	lation ctor :	Metered Flov R (Mcfd)	v GOR (Cubic Fee Barrel)	et/	Fluid Gravity	
						. :							
						/ERABILITY)				(P _a) ²	= 0.20	07	
(P _c) ² =	=:	(P _w) ² =	: Choose formula 1 or 2	P _d ⇒ .		1	- 14.4) +	14.4 = _	 :	(P _d) ²	<u> </u>		
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_a)^2$		P _e)2 - (P _e)2	1. P ₂ ² - P _a ² 2. P _a ² - P _a ² divided by: P _a ² - P _a ²	LOG of formula 1, or 2, and divide by:		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x 106		Antilog	Deli Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			<u> </u>										
Open Flow	<u> </u>		Mcfd @ 14.	65 psla		Deliverabi	lity			Mcfd @ 14.65 psi	a		
The unders							8th		ne above repo Decembei	irt and that he ha		edge of 14 .o	
		Witness (I anv)	к	R INSAS CORP	eceived I		EXPL	ORATION,	INC.	_		
		For Comm			DEC					cked by			

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exempt status under and that the foregonerect to the best of equipment insta	er penalty of perjury under the laws of the state er Rule K.A.R. 82-3-304 on behalf of the operator oing pressure information and statements con of my knowledge and belief based upon availabilitation and/or upon type of completion or upon upon a one-year exemption from open flow testing ounds that said well:	or MIDCO EXPLORATION, INC. Italined on this application form are true and ble production summaries and lease records use being made of the gas well herein named.
(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 ois on vacuum at the present time; KCC approvation in the capable of producing at a daily rate in expense.	al Docket No.
_	to supply to the best of my ability any and all s to corroborate this claim for exemption from to	supporting documents deemed by Commission esting.
Date:	<u> 12/08/2014</u>	
	Signature:	MeMber Duce, Jr., Vice-President

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.

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