## NOV 2 1 7 2

## KCC,WICLITA

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

(See Instructions on Reverse Side)

Op	en Flov	٧												
✓ Deliverabilty				Test Date: January 11, 2011				API No. 15 119-20299 - 🔾 O - 🔾 O						
Company		eur	n, Inc.			Topology M. J. Ballas J. A.	Lease Frank C	lassen			1-9	Well Nur	mber	
County Meade			Location NW		Section 9		TWP 33S		RNG (E/W) 27W		Acres Attributed 640		ttributed	
Field McKinney			· · · · · · · · · · · · · · · · · · ·		Reservoir Morrow		300		Gas Gathering Connect DCP Midstream LP		ection			
Completion 05/18/19		)			Plug Bac 5,800'	k Total Dep	th		Packer 5,555'	Set at				
Casing S 5-1/2"			 Weight 15.5#		Internal II 4.950"	Diameter	Set a 5,80			rations S <b>4'</b>	To 5,676	r		
Tubing Size 2-3/8"			Weight <b>4.7#</b>		Internal Diamete 1.995"		Set at <b>5,500</b> '		Perforations		То			
Type Con Single	npletion	(D	escribe)		Type Flui Gas	d Production			Pump U <b>No</b>	nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			% Nitrogen 0.00 Mole %		•	Gas Gravity - G <sub>g</sub>				
Tubing Vertical D 5,800'	epth(H)	)			0.00 M		sure Taps		U.UU I	viole %	(Meter	Run) (Pr	over) Size	
Pressure	Builden	ı.	Shut in Jani	uary <sub>2</sub>	ກ 11 ຸ 9		<del>-</del>	<sub>Takon</sub> Ja	nuary 1	13	11 <sub>at</sub> 9:00 A	M	AM) (PM)	
Well on L	•					,	$\smile$				at	_	AM) (PM)	
						OBSERVE	D CUDEACO	- DATA				4	<u> </u>	
Static / Orifice Dynamic Size		,	Circle one Meter Prover Pressur	Pressure Differential		Weil Head Temperature	Casi Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>r</sub> ) or (P <sub>c</sub> )		Tubing ad Pressure r (P <sub>r</sub> ) or (P <sub>r</sub> )	Duration of Shut- Duration (Hours)	Liquid	Liquid Produced (Barrels)	
Property	(inche	15)	psig (Pm)	Inches H <sub>2</sub> 0	t	1	psig	psia	psig	psia	110			
Shut-In							PKR		190		48		0	
Flow						ELOW STE	REAM ATTR	IDIITEE				<u> </u>		
Plate	,		Cirale one:	Press	Grav		Flowing		intina	Martana d Elan			Flowing	
Coefficient (F <sub>p</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Meter or over Pressure psia	Extension  P <sub>m</sub> x h	Fact	Factor F <sub>a</sub>		emperature		Metered Flow R (Mcfd)	v GOR (Gubic Fe Barret)	4	Fluid Gravity G <sub>m</sub>	
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P <sub>n</sub> )	<sup>2</sup> = 0.20	07	
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =_	hoose formula 1 or 2	P <sub>d</sub> =		% (P	' <sub>c</sub> - 14.4) +	14.4 =	· · · · · · · · · · · · · · · · · · ·	(P <sub>d</sub> )	² =		
$(P_c)^2 - (P_a)^2$ or $(P_a)^2 - (P_a)^2$		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>2</sub> <sup>2</sup> -P <sub>2</sub> <sup>2</sup> 2. P <sub>2</sub> <sup>2</sup> -P <sub>2</sub> <sup>2</sup>	LOG of formula 1. or 2.	formula 1. or 2.		Backpressure Curve Slope = "n" or		LOG	Antilog	Deli	Open Flow Deliverability Equals R x Antilog	
(1-2) (1	d)		d	vided by: Pc2-P	and divide ≥ by:	P.2 - P.2		ard Slope			<del> </del>	1 1	Mcfd)	
		<del></del>					<del></del>							
Open Flo			i_	Mcfd @ 14.	SE poin		Deliverabi	list.			Mcfd @ 14.65 ps	<u> </u>		
			d authority on		·	states that h		•	- maka H	•	. :		odao of	
			in, and that sai				10	) I	/	lovember	rt and that he ha		eage of	
			Witness (if	any)			-			For C	ompany			
			For Commis	sion						Chec	ked by			

I declare under penalty of perjury under the laws of the state of exempt status under Rule K.A.R. 82-3-304 on behalf of the operator	•
and that the foregoing pressure information and statements contain correct to the best of my knowledge and belief based upon available of equipment installation and/or upon type of completion or upon use I hereby request a one-year exemption from open flow testing for	ned on this application form are true and production summaries and lease records being made of the gas well herein named.
gas well on the grounds that said well:	
is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil re is on vacuum at the present time; KCC approval D is not capable of producing at a daily rate in exce to do so since prior to 1994.  I further agree to supply to the best of my ability any and all supplets that as necessary to corroborate this claim for exemption from testing	ss of 250 mcf/D and has not been able porting documents deemed by Commission
Date: November 19, 2012	
Signature:	1

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.

RECEIVED NOV 2 1 2012

KCC WICHITA