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

Type Test	t:				(	See Instruc	tions on Re	verse Side	)					
✓ Op	en Flov	,			Test Date				A D1	No. 45				
De	eliverabi	ty			10/28/1					! No. 15 :009-06999-(	00-01			
Company H.J. INC					Lease Callahan							Well Number #2		
County Location Barton NE 1/4			Section 21		TWP 19S			RNG (E/W) 14W		Acres Attributed 160				
Field Heizer				Reservois	Reservoir			Gas Gathering Connection Mid-Kansas Gas Gathering						
Completion Date 08/26/03			Plug Bac 1793	Plug Back Total Depth 1793			Packer S None							
Casing Size Weight 5.5 17#			internal (	Diameter	Set at 1793		Perforations 1722-1736		To 1744	то 1744-1750				
Tubing Size Weight 2.375 4.7			Internal D	Diameter	Set at 1755		Perforations		То		, <u>, , , , , , , , , , , , , , , , , , </u>			
	moletion	4.7 (Describe)			1.995	d Productio		5	Bump III	nit as Travalina	Plunger? Yes	/ Na		
Single (		(Describe)			Saltwa		111			ing Unit	Plunger? res	3 / NO		
Producing Thru (Annulus / Tubing) Annulus				% c	% Carbon Dioxide			% Nitrog			Gas Gravity - G <sub>s</sub> .6939			
Vertical E	Depth(H					Pres	sure Taps			<del></del>			rover) Size	
						Flan	<u>-</u>		,		2"			
Pressure	Buildup	: Shut in 1	0-27	2	0 11 at 1	0:30	(M) (PM)	Taken 12	2-28	20	11 at 10:30	<u> </u>	( <b>PM</b> )	
Well on L	.ine:	Started		2	0 at	· · · · · · · · · · · · · · · · · · ·	(AM) (PM)	Taken		20	at		(AM) (PM)	
	•					OBSERVE	D SURFAC	E DATA			Duration of Shu	t-in	Hours	
Static / Oynamic Property	Orific Size (inche	Prover Pre	ssure	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		(P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure $(P_w) \propto (P_t) \propto (P_a)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			,	1,20			psig	psia 40	psig O	O psia	24	1bb	1bbl	
Flow														
		<del></del>			<del></del>	FLOW STE	REAM ATTR	IBUTES					7	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia	Meter or rover Pressure		Grav Fact F <sub>c</sub>	tor	Flowing Temperature Factor F <sub>11</sub>	Fa	ation ctor	Metered Flow R (Mcfd)	v GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>a</sub>	
					(ODEN EL	OWO (DELIN	(CDARII ITV		ATIONIO					
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> )	2 =	·	P <sub>d</sub> =		<b>/ERABILITY</b> % (F	) CALCUL <sup>2</sup> c - 14.4) +				$)^2 = 0.5$ $)^2 =$	207	
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> -(P <sub>w</sub> ) <sup>2</sup>		ose formula 1 or 2 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> led by: P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG of formuta 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n"		n x	LOG [	Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo			<u> </u>	Mold & 14	65 poio		Dellisant	.ili•			Maria A 4400			
Open Flo				Mcfd @ 14.	·		Deliverab				Mcfd @ 14.65 p			
		ned authority, erein, and that					31	ithorized to	o make th day of <u>J</u>	ne above repo an	rt and that he h		vledge of 20 12 .	
								R	nu		Facel		ECEIVE	
			s (if any				_			For C	Smpany /	FE	B 0 2 20	
		For Co	mmissio	KT)						Char	ked by		_	

KCC WICHITA

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
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
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 Commission staff as necessary to corroborate this claim for supply 1.
Staff as necessary to corroborate this claim for exemption from testing.  Date: \( \lambda \tau - 25 - 2012 \)
Signature: <u>Neweth Sauf</u> Title: <u>Vice President</u>

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

FEB 0 2 2012

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