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

Type Test	: en Flow					(	See Ins	tructi	ons on Re	verse Side	e)					
	liverabil					Test Date 11/21/13						No. 15 075-20404-(	00-00			
Company Linn Ope		Inc							Lease HCU					1730	Well Nu	ımber
County Hamilton	1		Locat SW	ion	•	Section 17			TWP 23S		RNG (E/W) 40W			Acres Attributed 640		Attributed
Field Bradshav	w					Reservoir Winfield						hering Conn Field Servic				
Completic 02/15/88		•				Plug Bac 2563'	k Total [	Depth	1		Packer S	Set at			•	
Casing Si I.5	ize		Weig 10.5	ht		Internal Diameter 4.090			Set at 2842'		Perforations 2528'		то 2546'			
Tubing Si 2 3/8	ze		Weig	ht		Internal [ 1.995				at 1	Perforations			То		
ype Com Single C		(Des	scribe)			Type Flui Gas - \		ction			Pump Ur Pump	nit or Traveling	Plunge	er? Yes Ye	/ No	
Producing Annulus		(Annı	ulus / Tubin	ıg)		% C	arbon D	ioxid	le		% Nitrog	en		Gas Gi .7710	avity - (	G <sub>g</sub> .
/ertical Depth(H) !838'				Pressure Ta Flange								(Meter Run) (Prover) Size 2.067"				
Pressure	Buildup	: S	hut in	/20	20	13 at 1	1:00 A	M	(AM) (PM)	Taken_1	1/21	20	13 at	11:00	AM	(AM) (PM)
Well on Li	ine:	s	tarted		20	) at			(AM) (PM)	Taken		20	at	l		(AM) (PM)
	-		Circle one:		Pressure		OBSE	RVE	SURFAC		·		Duratio	on of Shut	-in _24	Hours
Static / Dynamic Property	dic / Orifice amic Size Provi		Meter Prover Press psig (Pm)	eter Differ Pressure i		Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In									5	19.4	Pump		24			
Flow																
	- 1						FLOW	STRE	EAM ATTR	IBUTES						1 1
Plate Coeffieci (F <sub>b</sub> ) (F <sub>p</sub> Mcfd	ient ,)	Circle one:  Meter or  Prover Pressure  psia			Press Grav Extension Fact  √P <sub>m</sub> xh F <sub>g</sub>		tor Te		Flowing emperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	=	;	(OPEN FLO	, ,	LIVE		) CALCUL P <sub>c</sub> - 14.4) +		:		(P <sub>a</sub> )	$r^2 = 0.2$	07
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	_	(P <sub>c</sub>	)²- (P <sub>w</sub> )²	1	se formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ and by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub>	2	Slo	essure Curve pe = "n" - or signed lard Slope	n x I	_OG [ ]	Aı	ntilog	Del Equals	pen Flow iverability is R x Antilog (Mcfd)
													·			<del>.</del>
Open Flow	 N	<u> </u>			Mcfd @ 14.6	35 psia			Deliverab	oility			Mcfd @	14.65 ps	ia	
The u	ındersiç	ned	authority, c	n be	half of the	Company, s	states th	at he	is duly au	uthorized t	to make th	e above répo				ledge of
			-		eport is true				•			ecember	,			20 13
			Milmas	(it on:			***			S	Ma	m H	Te	ny	kar Kar	: WICH
			Witness	(ir any								For C	ompany	•		* * * 1 🔾 1
			For Com	nissio	ו				-			Chec	ked by		DEC	1 3 201

				s that I am authorized	d to request
exempt status under Ru					
and that the foregoing	pressure informa	ation and statemen	ts contained on t	his application form a	are true and
correct to the best of m	y knowledge and	belief based upon	available product	ion summaries and le	ase records
of equipment installatio		•		<b>-</b> ,	rein named.
I hereby request a	one-year exempti	on from open flow t	esting for the $\frac{H^0}{2}$	CU 1730 B	
gas well on the ground	s that said well:				
(Check one)					
isa	coalbed methane	producer			
is c	ycled on plunger l	lift due to water		•	,
is a	source of natural	gas for injection in	to an oil reservoir	undergoing ER	
is or	n vacuum at the p	resent time; KCC a	pproval Docket N	O	
✓ is n	ot capable of proc	ducing at a daily ra	te in excess of 25	0 mcf/D	÷
		•			
		of my obility ony or	nd all supporting	documents deemed b	Cammiaaian
I further agree to s	upply to the best	of fify ability arry ar	.a a capporg		y Commission
I further agree to s staff as necessary to c					y Commission
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_				redreve	y Commission
_		aim for exemption		where	y Commission
_		aim for exemption	from testing.	where	y Commission

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.

KCC WICHITA

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