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

Type Test	t: v				6	See Instruct	ions on Rev	erse Side	)			
Ор	en Flo	N			Test Date				ΛDI	No. 15		
<b>√</b> De	liverab	ilty			12/03/20	-				175-20407 <b>~</b>	0000	
Company Wynn-C		Оре	rating, Ltd.		_		Lease Morlan				A-3	Well Number
County Seward			Location 1980 FNL & 660 FWL		Section 21		TWP 33S		RNG (E/W) 34W			Acres Attributed 640
Field Shuck					Reservoir Lower M				Gas Gati APC	nering Conne	ection	
Completion Date 07/13/79		B			Plug Back Total Depth 5980		h	Packer Set at N/A		et at		
Casing S 4.5	Casing Size 4.5		Weight 10.5		Internal Diameter 4.052		Set at 6064		Perforations 5919		To 5926	
Tubing Size 2.375			Weight	:	Internal Diameter 1.995		Set at 6906		Perforations		То	
	noletion	ı (De	4.7			d Production		-	Pump Un	it or Travelino	Plunger? Yes	/ No
Type Completion ( Single Gas			,301100)			/ Condens	ate I		No		riunger: res	7 140
Producing Tubing	g Thru	(Ann	ulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G <sub>g</sub>
Vertical D	Depth(H	1)					sure Taps		<del></del>		· · · · · · · · · · · · · · · · · · ·	Run) (Prover) Size
Pressure	Buildu	n: !	Shut in 12/0	)3	ຸ 14 ຸ 8	Flang am		Taken 12	2/04	20	3 14 <sub>at</sub> 8 am	(AM) (PM)
Well on L											at	
				<del></del>		OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static /	Static / Orifice Dynamic Size Property (inches		Circle ane: Meter	Pressure Differential	Flowing Temperature	Well Head	Casing Mallhood Brookure		Tubling Wellhead Pressure		Duration	Liquid Produced
1 *			Prover Pressu psig (Pm)	re in Inches H <sub>2</sub> 0	t	t			(P <sub>w</sub> ) or psig	(P <sub>t</sub> ) or (P <sub>c</sub> ) psia	(Hours)	(Barrels)
Shut-In	0.75						15		10		24	
Flow												
			1		1	FLOW STR	EAM ATTRI	BUTES				<del></del> -
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient p)	Pro	Circle one:  Meter or ver Pressure psia	Press Extension	Grav Faci F <sub>c</sub>	tor	Flowing emperature Factor F <sub>ri</sub>	Fa	iation ctor : pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Gravity
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P <sub>a</sub> )	<sup>2</sup> = 0.207
(P <sub>c</sub> ) <sup>2</sup> =		<u>-:</u>		: Choose formula 1 or 2	P <sub>d</sub> =		<u>«</u> (Р,	- 14.4) +	14.4 =	<del></del> :	(P <sub>d</sub> )	<sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(P	)2 - (P <sub>w</sub> )2	1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slop	sure Curve e = "n" or igned ird Slope		-òe [ ]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
						<u> </u>						
		-								_		
Open Flo	w			Mcfd @ 14.	.65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia
The	unders	igned	d authority, or	behalf of the	Company, s	states that h	e is duly au	thorized t	o make th	ne above repo	ort and that he ha	as knowledge of
the facts s	stated t	herei	n, and that sa	id report is tru	e and correc	t. Executed	this the		day of			, 20
							RECEIVE	D	+C.M.—			
			Witness (i	any)		Kansas (	CRPORATION	CL MINISS	IL/14	For	Company	
			For Comm	ission		······································	IAN 167	015		Che	cked by	

CONSERVATION DIVISION WICHITA, KS

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Wynn-Crosby Operating, Ltd.
	t the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Morlan A-3
	I on the grounds that said well:
yas we	Torr the grounds that said well.
	(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 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
	rther 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 exemption from testing.
Date:_	1/15/15
	$\mathcal{J}$
	Signature:
	Title: Regulatory Director
	THE RECURSION DIRECTOR

## 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.