KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(8	See Instruc	tions on Rev	erse Side))					
	n Flow			Test Date					No. 15				
Deli	iverabilty			8/16 & 8	/17, 2013		•	15-0	097-21013-0		NA/-II Nt.		
Company H ERMAN	IL. LOE	B LLC				Lease NICHOL	.S			2-19	Well Nu	mber	
County				Section 19		TWP 29S	-	RNG (E/ 18W	W)	Acres Attributed			
Field VICHOLS	S			Reservoir LANSIN	G				hering Conne OLE PIPELI				
Completio				Plug Back 5069	Total Dep	ith		Packer S NONE	et at				
Casing Siz	ZΘ	Weight 15.50		Internal Diameter 4.052		Set at 4796		Perforations 4537		To 4542			
Tubing Siz	ze	Weight	t	Internal D 1.995	liameter	Set a 4546		Perfo	rations	То			
Type Completion (Describe),			Type Fluid Production GAS,WATER,OIL				Pump Unit or Traveling Plunger? Yes / No PUMPING						
		nulus / Tubing	1)		arbon Diox		····································	% Nitrog		Gas Gr	avity - 0	3 ₀	
ANNUL										(Motor	Dun) /D	rover) Size	
Vertical Da 4540	epth(H)				Pres	ssure Taps				(Iviete)	nuii) (F	lover) Size	
	Buildup:	Shut in 8/16	6 2	0 13 at		(AM) (PM)	Taken 8/	17	20	13 at		(AM) (PM)	
Well on Li		Started	20) at		(AM) (PM)	Taken		20	at		(AM) (PM)	
					OBSERVE	ED SURFACI	E DATA			Duration of Shut	-in	Hours	
Static / Dynamic	Orifice Size	Circle one: Meter Prover Pressu	Pressure Differential in	Temperature Temp	Well Head Temperature	Cas Wellhead (P _w) or (P	Pressure	Wellhe	Tubing ad Pressure r (P,) or (P _c)	Duration (Hours)	1 .	Liquid Produced (Barrels)	
Property	(inches)	psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psia		_		
Shut-In		-				32		ļ		24	-		
Flow				:							<u> </u>		
		· · · · · · · · · · · · · · · · · · ·	г		FLOW ST	REAM ATTR	IBUTES					1	
Plate Coeffieci (F _b) (F _i Mcfd	ient p) P	Circle one: Meter or rover Pressure psia	Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F ₁	Fa	iation ctor :	Metered Flo R (Mcfd)	w GOR (Cubic Fo Barrel)	eet/	Flowing Fluid Gravity G _m	
				(OPEN FL	OW) (DELI	VERABILITY) CALCUL	ATIONS			$)^2 = 0.2$	207	
(P _c) ² =	:	(P _w) ² =		P _d =			o - 14.4) +		:	(P _d) ² =	·	
(P _c) ² - (F or (P _c) ² - (F	. 1	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slop	ssure Curve pe = "n" - or signed lard Slope	n x	LOG	Antilog	Del Equals	pen Flow liverability s R x Antilog (Mctd)	
											-		
]. :	·····				· · · · · · · · · · · · · · · · · · ·				
Open Flor			Mcfd @ 14.			Deliverab				Mcfd @ 14.65 ps			
			n behalf of the						ne above repo EPTEMBER	ort and that he h		viedge of 20 13 ECEIVED	
5						CC WI		Sh		KANSA	S CORP	DRATION CON	
		Witness (i	if any)						For	Company	OCT	1 5 201	
		For Comm	nission			SEP 13-	2013	•	Che	cked by C		VATION DIVISI	
						RECE	IVED				Wi	CHITA, KS	

	er penalty of perjui ler Rule K.A.R. 82-3					orized to request
	joing pressure info					orm are true and
orrect to the bes	of my knowledge a	and belief base	ed upon availa	ble production	summaries a	nd lease records
	allation and/or upon					ell herein named.
	est a one-year exer		en now testing	gior the		
as well on the gi	ounds that said we					
(Check	one)	:				
	is a coalbed meth	ane producer				4 - 1
	is cycled on plung		vater		, ,	
	is a source of nat	-		oil reservoir u	ndergoing ER	
. [is on vacuum at th					
	is not capable of					. :
<u> </u>		,			,	
I further agre	e to supply to the b	est of my abili	ty any and all	supporting do	cuments deen	ned by Commissio
	y to corroborate thi					
					•	
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>-+-: 9-10-2013		i				
Date: 9-10-2013						
Date: <u>9-10-2013</u>						
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Date: <u>9-10-2013</u>		['] Signatur	e:		•	· · ·
Date: <u>9-10-2013</u>		_		UPERVISIOR	, HERMAN L. L	
Date: <u>9-10-2013</u>		_		UPERVISIOR	HERMAN L. L	OEB LLC

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 KANSAS CORPORATION COMMISSION