KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				((See Instruc	tions on Rev	erse Side)				
Or	en Flov	v			Test Date	0.			ADI	No. 15			
De	eliverabi	lty			10-4&					-007-2248	6-00-00		
Company HERM		LOE	B, LLC.	*.			Lease ANGEL	L			C-4	Well Nu	ımber
County BARBE	County Location BARBER C NE SE		Section '14 '		TWP 33S		RNG (E/W)		•	Acres Attributed			
Field MEDIC	INE L	.ODG	E		Reservoi MISSI	r SSIPPI				hering Conn K FIELD S		,	
Completion Date 3-5-96			Plug Bac 4948	Plug Back Total Depth 4948			Packer Set at NONE						
Casing S 5.500	asing Size Weight .500 15.5			Internal Diameter 5.012		Set at 5004		Perforations 4484		то 4516			
Tubing Size Weight 2.375 4.70			Internal I	Diameter	Set at 4600'		Perforations NONE		То				
Type Completion (Describe) SINGLE					Type Fluid Production GAS,WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING					
Producing	_	(Annulu	ıs / Tubing)		% C	Carbon Dioxi	ide		% Nitrog		Gas G	Gravity - (Э _g
Vertical D)		•		Pres	sure Taps				,	, ,	rover) Size
Pressure	Buildup	: Shu	ıt in 10-4	-11 2		************		Taken_10)-5-11		at		
Well on L	ine:	Sta	rted	2	0 at		(AM) (PM)	Taken		20	at	((AM) (PM)
	-	-	7	***	. 4	OBSERVE	D SURFACE	DATA			Duration of Shu	t-in_24	Hour
Static / Orifice Oynamic Size Property (inches)		s) Pro	Circle one: Meter over Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing I Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration Liquid Produ (Hours) (Barrels)		
Shut-In							5	рыа	ko.2 hora		24		
Flow					_								
					1	FLOW STR	EAM ATTRI	BUTES	1				
Plate Coefficeient (F _b) (F _p) Mcfd		Met Prover	le one: ler or Pressure sia	Press Extension ✓ P _m x h	Grav Fact	or Temperature		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	(Cubic F	GOR (Cubic Feet/ Barrel)	
				W-11-16-8 - 16-8	<u>.l</u> ,					-			
P _c) ² =		:	(P _w) ² =_	:	(OPEN FLO	, ,	ERABILITY) % (P.	CALCUL - 14.4) +				$(a)^2 = 0.2$ $(a)^2 = 0.2$	07
(P _c) ² - (F or (P _c) ² - (F)²	(P _c) ² -	(P _w) ²	noose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$. vided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide		Backpres Slope Assi	sure Curve e = "n" or gned rd Slope	n x L	og [Antilog	Op Deli Equals	pen Flow iverability R x Antilog (Mcfd)
				. 4									
					<u> </u>				<u> </u>				
Open Flor	w *		· · · · ·	Mcfd @ 14.	65 psia		Deliverabil	ity		!	Mcfd @ 14.65 ps	sia	
			-				•		make the	•	t and that he h		ledge of 20
e lacis si	ialed th	erein, a	ind that said	d report is true	and correct	i. Executed	ulis the		0	2 91 X	Who	, ²	20 <u></u> .
			Witness (if a	ny)	-		" 		- sau	For C	ompany		EUEIV
			For Commiss	sion			_			Chec	ked by	-00	T 2 4

exempt status under and that the forego correct to the best of of equipment install	r penalty of perjury under the law er Rule K.A.R. 82-3-304 on behalf of ping pressure information and sta of my knowledge and belief based lation and/or upon type of complet st a one-year exemption from oper	of the operator HERMAN tements contained on the upon available production or upon use being ma	L. LOEB, LLC. is application form are true and on summaries and lease records de of the gas well herein named.
	unds that said well:	:	
I further agree	is a coalbed methane producer is cycled on plunger lift due to wa is a source of natural gas for inject is on vacuum at the present time; is not capable of producing at a d	ction into an oil reservoir u KCC approval Docket No laily rate in excess of 250 any and all supporting do	
Date: 10-20-11	·		
			•
	Signature:	: Sesly I	t. Oldham
	Title:	REP. HERMAN L. LOE	EB 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.