KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instructions on Reverse Side)						t .			
Op	en Flo	w				Test Date:			ADI No. 45					
De	eliverat	ilty				Test Date: 7-28&29-2011			API No. 15 15-155-20539-00-00					
Company HERM		. LC	EB, LLC.	****	٠.,		Lease SOPER		* *		#2	Well Number		
County RENO	,	,	Location NW S\		Section 30		TWP 25S		RNG (E/	W)		Acres Attributed		
Field FRIEN	DSH	Р			Reservoir MISSIS	Reservoir , MISSISSIPPI				hering Conne				
Complete 10-12-1		e			0000	Plug Back Total Depth 3608			Packer S NONE		्र - िस	-		
Casing Size Weight 5.500 15.50				Internal (4.950		Set at			Perforations 3564		то 3570 .			
Tubing Size Weight 2.375 4.70				Internal I 1.995	Internal Diameter Set at 1.995 3506			Perfo OPE	rations N	То				
Type Cor SINGLE		n (De	escribe)			Type Fluid Production GAS,WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING					
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g ANNULUS											ravity - G _g			
Vertical D	epth(F	1)		{ *	i.	Pres:	sure Taps			1 1	(Meter	Run) (Prover) Size		
Pressure Buildup: Shut in 7-28-11 20 at (AM) (PM) Taken 7-29-11 20 at (AM) (PM)											(AM) (PM)			
Well on L	.ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)		
						OBSERVE	D SURFACE		-13		Duration of Shut	in 24 Hours		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H _o 0	Flowing Temperature t Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In							180	рыа	paig	psia	24	, î		
Flow	FLOW	/ING						· · · · · · · · · · · · · · · · · · ·						
						FLOW STR	EAM ATTRIE	BUTES	,			· · · · · · · · · · · · · · · · · · ·		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fact	or T	Flowing emperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Growity		
(5) 10					•		ERABILITY)					² = 0.207		
(P _c) ² =	1	<u> </u>	(P _w) ² =_	: hoose formula 1 or 2	P _d =	9	6 (Р _с	- 14.4) +	14.4 =	 :	(P _d)	² =		
(P _c) ² - (F or (P _c) ² - (F		(P	c)2 - (P _w)2	1. P _c ² - P _a ² 2. P _c ² - P _d ² Wided by: P _c ² - P _a ²	LOG of formula 1. or 2. and divide	P ₂ -P ₂	Slope	r gned	nxi	.0G	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
	<u>: :</u>								•	• -	* .*			
,		٠,	4	, pe		. 9	,	•		1 .	-' '			
Open Flor	w			Mcfd @ 14.	65 psia	•	Deliverabili	ty	-	· <u>Ņ</u>	Acfd @ 14.65 ps	ia		
The i	undersi	gned	authority, on	behalf of the	Company, s	tates that he	e is duly auti	•			t and that he ha	as knowledge of		
the facts st	tated ti		n, and that sa	d report is true	and correct		this the 9T	H	day of S	EPTEMBE	R TIDI	, 20 <u>11</u> .		
			Witness (if	any)	<u> </u>	<u> </u>			usl	For Co	Markow Ompany	RECEIVED		
			For Commis	sion			_			Check	ed by	CED A C		

SEP 1 9 2011

KCC WICHITA

; ta								
I declare under penalty of perjury ur				request				
exempt status under Rule K.A.R. 82-3-30			•					
and that the foregoing pressure informa								
correct to the best of my knowledge and I	•							
of equipment installation and/or upon type				named.				
I hereby request a one-year exemption	on from open flow test	ng for the SOPER	#2	** * *				
gas well on the grounds that said well:	1.0/	й						
(Check one)	K (3)	•	• •					
is a coalbed methane	producer							
is cycled on plunger li								
	is a source of natural gas for injection into an oil reservoir undergoing ER							
is on vacuum at the pr	-							
is not capable of prod			D					
I further agree to supply to the best of	of my ability any and a	II supporting docum	ents deemed by C	ciesimmo				
staff as necessary to corroborate this cla	aim for exemption fror	n testing.						
0-0-11			·					
Date: 7-28-11								
			•					
	•							
	Signature:	esligh. Oly	yaw.					

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.