Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:				(See Instructi	ions on Reve	rse Side)	1				
Open Flow Deliverability				Test_Date: 8-6-14				119-20256-00-00				
WASH	AN L	LOEB LL	C		SÄNDERS RAI				<u>-</u>	- <u>-</u>	Veil Number 3-24	
MEADE W23E4				Section 24	Section TWP 24 32S			29W	W)		Acres Attributed	
ÄNGELL				MORE	MORROW				ANGETE TO DEE MIDSTREAM			
Completion Date 3-11-77				Plug Bac 5739	Plug Back Total Depth 5739			Packer Set at NONE				
Casing Size Weight 5.50 15.50			Internal E 4.950	Diameter	Set at 5736		Perforations 5608		To 5624	To 5624		
Tubing Size Weight 2.375 4.70			Internal D 1.995	Diameter	Set at 5675		Perforations		То	То		
Type Completion (Describe)			Type Flui WATEI	Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No YES					
Producing ANNUL		Annulus / Tubir	ng)	% C	Carbon Dioxi	de	=	% Nitrog	en	Gas Gra	avity - G _g	
Vertical D					Pres	sure Taps				(Meter F	Run) (Prover) Size	
Pressure	Builduo	8-I Shut in	6	14 3	:00 P	(AM) (PM) T	8-	7		14 3:00 at	P(AM) (PM)	
Well on Li										at		
					OBSERVE	D SURFACE	DATA			Duration of Shut-	24 in Hours	
Static / Dynamic Property	Orifice Size (inches	Prover Pres:	Differential in	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm) Inches H ₂ 0	 		290	psia	psig	psia	24		
Flow												
	- ,		 -		FLOW STE	REAM ATTRIE	BUTES			-		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension	Gra Fac F	tor	Flowing Temperature Factor F _{1t}		iation ctor	Metered Flow R (Mcfd)	(Cubic Fe Barrel)	I GERVITO I	
				(OPEN EL	OW) (DELIV	ERABILITY)	CAL CIII	ATIONS				
(P _c) ² =		: (P _w) ²	=;	P _a =	• •	,	- 14.4) +		:	(P _a)	2 = 0.207 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 divided by: P _c ² -P _w	LOG of formula 1, or 2, and divide	P.2-P.2	Slope 	sure Curve = = "n" or gned rd Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	-			-		-						
Open Flor	L w		Mcfd @ 14	 .65 psia		 Deliverabil	ity			Mcfd @ 14.65 ps	L	
The i	undersig	ned authority,	on behalf of the	Company,	states that h		horized t		ne above repo	rt and that he ha	as knowledge of	
the facts s	tated the	erein, and that	said report is tru	e and correc	ct. Executed	this the		day of			, 20 Receive KANSAS CORPORATION	
		Witness	(if any)			_	Ja	eues		Company	NOV 05	
	<u>-</u>	ForCon	omicsion			<i>[</i> -			Char	skad hu	CONSERVATION	

exempt status under and that the foregoin correct to the best of	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L LOEB LLC ng pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records tion and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request	a one-year exemption from open flow testing for the SANDERS RANCH 3-24
gas well on the grour	nds that said well:
is is is is is is is	e a coalbed methane producer c cycled on plunger lift due to water a a source of natural gas for injection into an oil reservoir undergoing ER c on vacuum at the present time; KCC approval Docket No c not capable of producing at a daily rate in excess of 250 mcf/D c supply to the best of my ability any and all supporting documents deemed by Commission of corroborate this claim for exemption from testing.
	Signature: MERMAN L LOEB LLC, AREA SUPERVISOR

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.