KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See Instru	ıcti	ons on Rev	verse Side,)		,				
	en Flow liverabilty				Test Date	: :					API N	o. 15 17-22890-	000	n		
Company		OPERATIN	IG. IN		6-26-12			Lease MILLER			15-00				Veil N	umber
County BARBER		Loc	ation	1420' FEL	Section 28	· .		TWP 34S			NG (E/W 5W)			Acres	Attributed
Field SOUTH	AETNA				Reservoir MISSIS						as Gathe	ring Conn	ectio	on		
Completic 5-5-05	on Date				Plug Bac 5015	k Total De	ptl	1			icker Set ONE	at				
Casing S 4.5	ize	We 10.	ight 5		Internal D 4.090	Diameter		Set a 5024			Perforat 4767	tions		To 4860		
Tubing Si 2.375	ize	We 4.7	ight		Internal E 1.995	Diameter		Set a 4972			Perfora	tions		То		
Type Con SINGLE		Describe)			Type Flui WATE	d Product R	ion				mp-Unit ES-PU		g-Plu	nger? Yes		
Producing ANNUL	•	nnulus / Tut	oing)		% C	arbon Dic	oxic	le		%	Nitrogen			Gas Gra .626		· ·
Vertical D 4814	epth(H)							ure Taps IGE						(Meter F 2.067'		Prover) Size
Pressure	Buildup:	Shut in 6	-22-	12 2	0 at	030		(AM) (PM)	Taken 6-	25	-12	20		1030		(AM) (PM)
Well on L	ine:	Started 6	-25-	12 2	0 at1	030		(AM) (PM)	Taken 6-	26	-12	20		at 1030		(AM) (PM)
			*			OBSER\	/EI	SURFACE	DATA				Dui	ation of Shut-i	_n _72	.0 Hours
Static / Dynamic Property	Orifice Size (inches)	e Prover Pressu		Pressure Differential in Inches H ₂ 0	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 ₁) or (P _c)		Duration (Hours)			uid Produced (Barrels)
Shut-In		paig (i		11101105 1120				323.3	937.7		psig	psia	72	2.0		
Flow	.500	42.6		19.9	92	75		61.0	75.4				24	1.0	7.0	
						FLOW S	TR	EAM ATTRI	BUTES							
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F ₁₁		Deviation Factor F _{pv}		<u> </u>		GOR (Cubic Fe Barrel)		et/	Flowing Fluid Gravity G _m
-1. 2191	 . 5	7.00	3	33.68-	1.263	9 (0.9	706	.1.004	2 .	5	0.6	.	NONE.		0.626
$(P_c)^2 = 1$	14.0	(P.)	2 _ 5	5.7	•			ERABILITY)				7.7 _:		(P _a) ² (P _d) ²	= 0.3	207
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²	Cha	ose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	b.s. b.s		Backpres Slop Ass	ssure Curve to = "n" or signed ard Slope		n x LO	ГЛ		Antilog	C De	pen Flow diverability is R x Antilog (Mcfd)
113.83		08.35	1	051	0.0214	 1		0.850			0.018	22	1	0429	52.	75
Open Flo			<u> </u>	Mcfd @ 14.		<u> </u>		Deliverabi	ility		0.010		1	d @ 14.65 psi		
		ed authority	on h	·		tates that	h		thorized to	o m	ake the	above ren	ort a	nd that he ha	s knov	wledge of
	-			report is true					3	day	of JUI	NE				20 RECEIVE
	opa .	to KC	C	Withi	J a				fre	<u>G</u>	50m	Wice	Lin	e 4 Tes	5 Feb	9111 00 00
Co	py f	Witne	ss (if an	Withi Do Lge	City				•		4	Mac For Che	Comp	1 Bur	:Z	Nedge of 20 RECEIVED 3 JUL 0 9 201 3 CC WICHIT
					_										e 1	oc wichiz

۱d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator
and the	at the foregoing pressure information and statements contained on this application form are true and
orrect	to the best of my knowledge and belief based upon available production summaries and lease records
of equi	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
lh	ereby request a one-year exemption from open flow testing for the
jas we	Il on the grounds that said well:
	(Check one)
خىيىد شاند	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 necessary to corroborate this claim for exemption from testing.
itaii as	
	·
	Signature:

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.