KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes					(See Instruct	tions on Reve	erse Side)			
Open Flow Deliverability 4 Hr Shut Intest					Test Date 10/6/13	Test Date: 10/6/13			API No. 15 15-057-20279 – 0000			
Company	y			a jici cot	,		Lease Whittake				C-1	Well Number
County Location Ford C-NW-NW				Section .		TWP 27S			V)		Acres Attributed	
Field Konda Southeast				Reservoir Mississippian					ering Conne	ection		
Completion Date 9/1/82			Plug Back Total Depth 5056				Packer Set at					
Casing Size 41/2			Weigh 10.5#		Internal Diameter 4.052		Set at 5119		Perforations 4995		то 5003	
Tubing Size Weight 23/8 4.70			Internal Diameter 1.995		Set at 5053		Perforations		То			
Type Completion (Describe) Gas & oil				Type Fluid Production Oil & formation water				Pump Unit or Traveling Plunger? Pumping unit		Plunger? Yes	/ No	
Producing	_	(Anr	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitroge	n	Gás Gr	avity - G _g
-Vertical E						. Pres	sure Taps				(Meter	Run) (Prover) Siz
Pressure	Buildu	p: :	Shut in 10/	06 2	0_13 at 4	:00PM	(AM) (PM)	aken_10	/07	20	13 _{at} 3:30PI	M (AM) (PM)
Well on L		•										(AM) (PM)
						OBSERVE	D SURFACE	DATA		,	Duration of Shut-	in _24 Ho
Static / Orifice Dynamic Size Property (inches)		е	Circle one: Meter Prover Pressu psig (Pm)	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) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Ouration (Hours)	Liquid Produced (Barrels)
Shut-In	1, 1			2			55 ·	psia	paig	psia		
Flow							40#					
<u> </u>				1		FLOW STR	EAM ATTRIE	BUTES	-			K
Plate Coefficeient (F _b) (F _p) Motd			Circle one: Meter or ver Pressure psia	Press Extension √ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F _{tt}	Fa	Deviation Metere Factor F F pv (Me		GOR (Cubic Fe Barrel)	1 Gravity
		: .										
		٠			•	OW) (DELIV	ERABILITY)					² = . 0.207
(P _c) ² =		<u> </u>	. (P _w) ² =	Choose formula 1 or 2:	P _d =		T	- 14.4) +	14.4 =	: :	(P _d)	² =
(P _c) ² - (P _c)	а,	(P	c)2 - (P _w)2	 P_c² - P_a² P_c² - P_d² 	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slope C Assi	r gned	n x L	og	Antilog	Open Flow Deliverability Equals R x Antilo
				divided by: P _c ² - P _w ²	by:	c	Standar	d Slope		ا است		(Mcfd)
				•								
Open Flow Mcfd @ 14.6			35 psia	5 psia Deliverability			Mcfd @ 14.65 psia					
The	unders	gned	authority, or	n behalf of the	Company, s	tates that h	e is duly auti	norized to	make the	above repor	t and that he ha	s knowledge of
the facts s	tated ti	nerei	n, and that sa	aid report is true	and correc	t. Executed	this the 04	(day of NO	OVEMBER	· · ·	, 20 _13
· · · · ·			Milenaa !	fanul			CC WH		frell	us Ca	sl	
	· ·		Witness (i		,		·	()	like	Stri	atma	
	٠,		For Comm	ission		N	IOV 27	2013	•	Check	red by	

					• •
l declare und	er penalty of perjury (under the laws of the state o	f Kansas that I am auth	norized to request	
		04 on behalf of the operator			
	,	ation and statements contain		form are true and	
correct to the best	of my knowledge and	d belief based upon available	production summaries	and lease records	
of equipment insta	allation and/or upon ty	pe of completion or upon use	being made of the gas v	vell herein named.	
I hereby reque	est a one-year exempt	tion from open flow testing for	the Whittaker C-1		
	ounds that said well:				
	*	•			
(Check	ŕ				
	is a coalbed methan	e producer			
	is cycled on plunger	lift due to water	,		
		al gas for injection into an oil r		}	100
	•	present time; KCC approval D			
\checkmark	is not capable of pro	oducing at a daily rate in exce	ess of 250 mcf/D		
	• • •	t of my ability any and all sup		med by Commission	
statt as necessary	/ to corroborate this c	claim for exemption from testi	ng.		
			•		
Date: 11/04/13	•				
•				44	
	,	•		,	
	•				
		$\langle \rangle_{\Lambda}$. /		
		Signature:	lught		
		Title: PRODUCTIO	N ASSISTANT	-	
		-	•		
		•	4		

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.

NOV 27 2013

RECEIVED