## 250

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		•		(	See Instruct	tions on Re	verse Side	)				
Open	Flow			T D								
Delive	erabilty	•		Test Date June 11					No. 15 -22074 <b>– (</b>	$J(X)\bar{U}$	•	
Company Messenger Petroleum, Inc.				,	Lease Donald				Well Number		ber	
County Kingman		Location SW NW	on / NW	Section 20		TWP 29S		RNG (E/	W)		Acres Att	ributed
Field Spivey-Grabbs				Reservoir Mississippi		Gas Gathering ( West Wichita G						
Completion Date 2007				Plug Back Total Depth 4231		h	Packer Set at 4124		et at .		•	
Casing Size 4-1/2	!	Weight - 10.50		Internal (	Diameter	Set a 4262		Perfo 413	rations	To 4143		,
Tubing Size Weight 2-3/8 4.7#			Internal Diameter		Set at		Perforations		То			
Type Comple Perf-Acid	etion (D	escribe)		Type Flui Salt W	d Production	1		Pump Un	it or Traveling	Plunger? Yes	/ No	^
Producing Thru (Annulus / Tubing) Tubing				% c	Carbon Dioxid	de	% Nitrogen .09203			Gas Gravity - G <sub>g</sub> .7044		
Vertical Depth(H) 4135					Press Flang	sure Taps ge					Run) (Prover) Size	
Pressure Bu	ildup:	Shut in 6-1	1 20		30		Taken_6-	14	20	10 at 1000	(ÀI	<b>)</b> (PM)
Well on Line	): 	Started 6-14	<u> </u>	10 at 1	000	(PM)	Taken	· · ·	20	at	(AI	M) (PM)
					OBSERVE	D SURFACE	E DATA			Duration of Shut-	<sub>in</sub> 66.5	Hours
Dynamic	ynamic Size		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)				psig 905	psia	psig 875	psia	66.5		
Flow .8	375	40	23			600		205		24	2 BSV	V
	- 1		<del> </del>		FLOW STR	EAM ATTR	BUTES	1		· .	—Т	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter ör over Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F	tor T	Flowing emperature Factor F <sub>tt</sub>	Fac	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>
		,			-				144	144,000:	1	
•				(OPEN FL	OW) (DELIVI	ERABILITY)	CALCUL	ATIONS		(P)	²= 0.207	
(P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =_	· · · · · · · · · · · · · · · · · · ·	P <sub>0</sub> =	9	% (F	c - 14.4) +	14.4 =	<u> </u>	(P <sub>d</sub> )		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$ \begin{array}{c} \textit{Choose formula 1 or 2:} \\ (P_c)^2 - (P_w)^2 & 1. \ P_c^2 - P_a^2 \\ & 2. \ P_c^2 - P_d^2 \\ & \textit{divided by: } P_c^2 - P_w^2 \end{array} $		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog Deli Equals		Flow . rability x Antilog cfd)
Open Flow	Don Flow		S5 neia		Deliverability				Aota @ 14 SE poi			
			Mcfd @ 14.6	· · · · · · · · · · · · · · · · · · ·		,	•		······	Acfd @ 14.65 psi		
	_	-	behalf of the o		•	•	29	make the	e above repor	t and that he ha	s knowled	lge of
•		Witness (if	anv)				Je	2 3	K W/	SAL J	REC	EIVED
	_	For Commis			·	_	<i>U</i>	`,	Check	/	1 A A	<del>ን በ ን</del> በ

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I declare und	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	der Rule K.A.R. 82-3-304 on behalf of the operator Messenger Petroleum, Inc.
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Donald 1
gas well on the g	rounds that said well:
(Check	one)
	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.
<b>~</b>	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
<b>.</b>	00,0040
Date: December	29, 2010
•	
i de la companya de l	
	Signatura de Folke
	Signature: The Signature
	Title: President
•	
•	

## 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.

JAN 2 0 2011 KCC WICHITA