RECEIVED Form G-2 AUG 3 0 2012 (Rev. 7/03)

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TASK MICH.

Type Test:				(	See Instruc	tions on Re	verse Side	•)		NOC W	ICHIT	A
Open f	Flow			,				•				•
Deliverabilty			Test Date:				API No. 15 15-007-23363-0000					
				06/27/1	2			15-	007-23363-			
Company WOOLSEY	OPEF	RATING CO	MPANY, LLC			Lease HARBA	.UGH			F-1	Vell Numb	oer
County Location BARBER 1180' FSL & 2160' FWL			Section 33		TWP 33S			W)	A	Acres Attr	betudi	
Field RHODES			Reservoir MISSIS			Gas Gathering Co APC		thering Conn	ection			
Completion Date 10/9/08			Plug Bac 4902	k Total Dep	oth	Packer Set at NONE						
Casing Size	Casing Size Weight		Internal Diameter 4.052			Set at 4943		rations	т <sub>о</sub> 4608			
Tubing Size 2.375	ing Size Weight			Internal Diameter 1.995		Set at 4664		Perforations OPEN		То		
Type Comple SINGLE	tion (D				d Productio		·		nit or Traveling	g Plunger? Yes	/ No	
Producing Th	•	nulus / Tubing	3)		arbon Diox	ride		% Nitrog		Gas Gra	avity - G <sub>g</sub>	
Vertical Depth					Pre	ssure Taps				(Meter F	Run) (Prov	ver) Size
4564						<del></del>						
Pressure Buil	dup:	Shut in <u>06/</u>	27 2	<sub>0</sub> _12 at		(AM) (PM)	Taken_06	5/28	20	12 at	(AN	M) (PM)
Well on Line:		Started	2	0 at		(AM) (PM)	Taken	· ·	20	at	(AN	И) (PM)
	. •			•	OBSERV	ED SURFAC	E DATA			Duration of Shut-i	n	Hours
Static / Orifice Dynamic Size		Circle one: Pressur		Flowing Well Head		Casing		Tubing				
		Meter Prover Pressu	Differential in	Temperature	Temperature	4	Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_t)$		ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
Property (in	rches)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,	,
Shut-In						100		80		24		
Flow						40						
		•		•	FLOW ST	REAM ATTR	IBUTES		•	· ,	•	
Plate		Circle one:	Press		.,	Flowing						Flowing
Coeffiecient		Meter or	Extension	Factor		Temperature		iation ector	Metered Flo	w GOR (Cubic Fee	et/	Fluid
		psia	√ P <sub>m</sub> xh	F,	.	Factor F <sub>tt</sub>	F	- pv	(Mcfd)	Barrel)	Gravity G <sub>m</sub>	
	+	· · · · · · · · · · · · · · · · · · ·									-	- 00
										<u> </u>		
				(OPEN FL	OW) (DELI	VERABILITY	) CALCUL	ATIONS		(P <sub>a</sub> ) <sup>2</sup>	= 0.207	•
(P <sub>c</sub> ) <sup>2</sup> =	<del>;</del>	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (I	o <sub>c</sub> - 14.4) +	14.4 =	<del>:</del> :	(P <sub>d</sub> ) <sup>2</sup>	=	<del></del>
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>g</sub> ) <sup>2</sup>	"	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. P 2 - P 2	LOG of	$\Gamma$		ssure Curve	1	Г٦		Open	Flow
or	''	-c/ - (F*/	2. P <sub>a</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	formula 1. or 2.		510	pe = "n" - or	n x	LOG	Antilog		rability x Antilog
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>			divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		signed lard Slope			[		cfd)
	_					<u> </u>						
						-						
Open Flow			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 psi	L	4059
The made		al acceleration a	a babalf of the	Company	totan that	ha ia dulu a	thorizod t	a maka ti	ha abaya ran	J.U	12 10 0	<del></del>
	•					•				ort and that he ha		•
- N / O / 一、単、こ !!			ি) gid report is true	e and correc	t. Execute	d this the	<u> </u>	day of _	UGUST		, 20	12
W. D.	ران بازات دم	orrespond	ence				ر درس	. 20	Hulla	4		
Regulator	<del>у_ (у</del>	More	NA S				wn	· ~ \	Fo	опрапу		
Drig / Co	1112	Opera	tions							sekad bu		

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the HARBAUGH F-1 ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 08/16/12	
	Signature: Wm R Hallayd.  Title: FIELD MGR.

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.