KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:						(See Instruc	tions on Re	verse Side	9)	•			
o _p	en Flo	w				Test Dat	e· .			APÍ	No. 15	•		
Deliverabilty						Test Date: 4-3-14				15-071-20106 -0000				
Company Horseshoe Operating, Inc.						Lease Gibson						1	Well Number	
County Greele	 у		Loca C SE	ation		Section / 26			RNG (E/W) 40W			Acres Attributed 640		
Field Bradsh				<i>,</i> ,	Reservoi Chase					hering Conne Ilidstream	ection <u>-</u>			
Completion 6/7/76	on Dat	te				Plug Back Total Dep 3010		th		Packer Set at None		_	ø	
Casing S 4.5	Casing Size 4.5			ght	Internal Diameter 4.052		Diameter	Set at ' 3026		Perforations 2865-2975		To 2935-2955		
2.375				Weight 4.7		Internal Di 1.995		2890		Perforations		То		
Type Con Single (Gas		·			Water	d Productio			Pump Unit or Traveling Pl Yes				
Producing Thru (Annulus / Tubing) Annulus						% Carbon Dioxide				% Nitrogen Gas Gravity - G			ravity - G _o	
Vertical Depth(H) 3035					•	Pressure Taps						(Meter	Run) (Prover) Size	
	Buildu	p:	Shut in	4	-2 2	0/4 at_	8:00	(AM) (PM)	Taken	4-3	3 20.	14 at 8,0	OO (AM) (PM)	
Well on L	ine:		Started		2	0 at						at	<i>\(\frac{1}{2}\)</i>	
•			E.		, ,	,	OBSERVE	D SURFAC	E DATA		-	Duration of Shut	t-in 24 Hours	
Static / Dynamic Property	Orlfice Size (inches)		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential In Inches H ₂ 0	Flowing Well Ho Temperature Tempera		Wellhead (P _w) or (F		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Ouration (Hours)	Liquid Produced (Barrels)	
Shut-In	1.2.		_		1120	_		psig	45	psig	psia	24		
Flow									, ,					
							FLOW STR	REAM ATTR	IBUTES				*	
Plate Coefficcient (F _n) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Grand Fa ✓ P _m xh		or j	Flowing Temperature Factor	perature Factor		Metered Flow R (Mcfd)	GOR (Cubic Fo	eet/ Fluid	
		<u>-</u>									,			
P _c) ² =		<u>_:</u>	(P _w) ²	=	:	(OPEN FLO	OW) (DELIV		') CALCUL P _c - 14.4) +		:	(P., (P.,) ² = 0.207) ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$		LOG of formula 1. or 2. and divide by:	P.2-P.2	Slo As	Backpressure Curve Slope = "n" or Assigned Standard Slope		.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						<u> </u>					-		,	
Open Flov	n Flow Mcfd @ 14.65 psia				•	Deliverability				Mcfd @ 14.65 psia				
r	٠.	gned	l authority, o			- '::	tates that h			o make th			as knowledge of	
e facts st	ated th	nereir	n, and that s	said i	eport is true	and correct	t. Executed	this the	<i>15</i>	day of	apri	<u>l</u>	, 20	
1 .9 1			5.		.⁴ ==					Anin	03 R.	in looks	CC WICHIT	
		-	Witness	(il any	, 			-			Porg	brripany	AAIOI II I	
			For Com	missio	n .			-			Chec	ked by	VPR 17 2014	
												•		

exempt status under Ri and that the foregoing correct to the best of m of equipment installation	enalty of perjury under the laws of the state of Kansas that I am authorized to request ule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. pressure information and statements contained on this application form are true and y knowledge and belief based upon available production summaries and lease records in and/or upon type of completion or upon use being made of the gas well herein named. one-year exemption from open flow testing for the Gibson 1 s that said well:
is c	coalbed methane producer ycled on plunger lift due to water source of natural gas for injection into an oil reservoir undergoing ER n vacuum at the present time; KCC approval Docket No ot capable of producing at a daily rate in excess of 250 mcf/D
	upply to the best of my ability any and all supporting documents deemed by Commission orroborate this claim for exemption from testing.
	Signature: <u>Janice Ripley</u> Title: <u>Froduction</u> Assistant

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.