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

Type Tes	it:						(See Instru	ctions on R	everse Sid	e)					
Open Flow					Took Doe				40	111. 45					
Deliverabilty					Test Date: /- 6-//				API No. 15 15-071-20735						
Company Horseshoe Operating, Inc.					, <u>v</u>	Lease Gibso	n	Well Nun 3-26			lumber				
County Location Greeley 1650 FW&				•	Section 26		TWP 17S			/W)	Acres Attributed 640				
Field Bradshaw				Reservoi L. Win		Ft. Riley	Gas Gatherino Connecti DCP Midstream			***		· · · · · · · · · · · · · · · · · · ·			
Completion Date 1/1/01				Plug Bad 2995	ck Total De	pth		Packer Set at None							
Casing S 4.5	ize	Weight 10.5			Internal Diameter 4.052			Set at <b>3053</b>		prations 2	To <b>2964</b>				
Tubing S 2.375		Weight 4.7			1.995		Diameter Set 289			Perforations		То			
Type Completion (Describe) Single Gas				Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Pl Yes			Plunger? Yes / No				
Producing Thru (Annulus / Tubing) Annulus					% (	% Carbon Dioxide			% Nitrogen			Gas Gravity · G			
/ertical D 2948	epth(F	l) 					Pres	ssure Taps	-			(Meter	Run) (i	Prover) Size	
Pressure	'		Shut in	/-		0 //_ at		(AM) (PM)	Taken	1-6		11 at 9:1		(AM) (PM)	
Vell on L	ine:		Started		2	0 at		_ (AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSERVI	ED SURFAC	E DATA			Duration of Shut	-in _a	34 Hours	
Static / ynamic roperty	Orifice Size (inches)		Circle one:  Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>t</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Ouration (Hours)	Liquid Produced (Barrels)		
Shut-In	.750					·			28		, pau	24			
Flow					L				<u> </u>	<u></u> _		<u> </u>			
	-					<u> </u>	FLOW ST	REAM ATT	RIBUTES					<del></del>	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Cittle one: Meter or Prover Pressure psia			Press Extension P <sub>m</sub> xh	Gravity Factor F		Temperature		riation Matered Flow actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G	
					<del></del>										
) <sup>2</sup> =		_:_	(P <sub>w</sub> )²	=	·	(OPEN FLO	OW) (DELIV	/ERABILITY % (I	') CALCUL P <sub>c</sub> - 14.4) +		:	(P <sub>e</sub> ) (P <sub>d</sub> )	) <sup>2</sup> = 0.3	207	
(P <sub>e</sub> )² - (P or (P <sub>e</sub> )² - (P	a) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		2	2. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by:	P. 2 - P. 2	Sio	Backpressure Curve Slope = "n"		-oa [ ]	Antilog	De	Open Flow Deliverability Equals R x Antillog (Mcfd)	
							<del></del> -		<del></del>				-		
pen Flow				Mcfd @ 14.65 psia				Deliverability			Mcfd <b>©</b> 14.		.65 psia		
									uthorized to	o make th		t and that he ha	_	hedge of	
-110th 310	u u	الالكانك	, वास्त्र प्रथिति है	asu f	report is true	and correct.	. Executed	ins the		aay of 	e R	ples		20 <u>//</u> RECEIVE	
	<u> </u>		Witness	(it any)	<del></del>			•	7	4/1//	For Co	mpany /		AY 1 2 2	
			For Com	mission	n			-	<del></del>		Check	cad by	1-1		

I declare under penalty of perjury under the laws of the state of Kansas that I am exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operation and that the foregoing pressure information and statements contained on this applica	ng, Inc.
and that the foregoing pressure information and statements contained on this applica correct to the best of my knowledge and belief based upon available production summa of equipment installation and/or upon type of completion or upon use being made of the g	ries and lease records
I hereby request a one-year exemption from open flow testing for the Gibson 3-26	
gas well on the grounds 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 undergoin  is on vacuum at the present time; KCC approval Docket No	
Date: <u>5/9/11</u>	
Signature: <u>Janus Ripley</u> Title: <u>Froduction</u> ASS	istant

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.