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

Type rest					(6	see msauca	ons on neve	rse Siae)					
= :	en Flov liverabi				Test Date 11/11/20					No. 15 0 <b>77-21504</b> -0	000		
Company Atlas Op		J LL	С	•			Lease Marvel				1	Well Nu	mber
County Harper			Locatio NW-SE-		Section 1	-	TWP 31S		RNG (E/ 8W	W)		Acres A	Attributed
Field Spivey-G		3asil			Reservoir Mississi;				Gas Gat West W	hering Conne /ich <b>ita</b>	ection		to-
Completic 05/24/20		)	· · · · · · · · · · · · · · · · · · ·		Plug Back 4830	CTotal Dept	h		Packer S	Set at			M. H
Casing Si 5 1/2	ize		Weight 15.50		Internal E 4.950	iameter	Set at 4849		Perfo 436	rations 9	то 4375		200 ×
Tubing Si 2 3/8	ize		Weight 4.70	1	Internal D 1.995	Diameter	Set at 4827		Perfo	rations	То		KCC W.  AN OB SECEIVE
Type Con Gas & C		(De	scribe)	<del></del>	Type Flui	d Production & Oil	1		Pump Ur PUMP	nit or Traveling UNIT	Plunger? Yes	/ No	
ANNUL	US		ulus / Tubing	)	% c .157	arbon Dioxid	de		% Nitrog 8.044	en	Gas G .7258	ravity - 0	3 <sub>4</sub>
Vertical D 4850	epth(H	)				Press PIPE	sure Taps :				(Meter 4	Run) (P	rover) Size
Pressure	Buildu	 o:	11/*	11 2	0 15 at 4		(AM) (PM) T	aken_11	/12	20	15 <sub>at</sub> 4:15 F	PM_	(AM) (PM)
Well on L	.ine:	;	Started	2	0 at	<del></del>	(AM) (PM) 1	Taken		20	at		(AM) (PM)
-	-					OBSERVE	D SURFACE	DATA			Duration of Shut	1-in_24	Hours
Static / Dynamic Property	Orific Size (inche	9	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H,0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P <sub>w</sub> ) or (P <sub>t</sub> )	ressure	Wellhe	Tubing ead Pressure or (Pt) or (Pc)	Duration (Hours)	, .	id Produced Barrels)
Shut-In							680	ран	psig	psla		_	
Flow													
					<del></del>	FLOW STR	EAM ATTRIE	SUTES			<del>_</del> ;		
Plate Coeffied (F <sub>b</sub> ) (F	ient ,)	Pro	Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac F	tor	Flowing Femperature Factor F <sub>ft</sub>	Fa	ation ctor	Metered Flov R (Mcfd)	v GOR (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>m</sub>
				<u>.</u>	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS				
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:						:		,) <sup>2</sup> = 0.2 ,) <sup>2</sup> =	207
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (	.	(P	(c)2 - (P <sub>w</sub> )2	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide		Slope Assi	sure Curve == "n" or gned rd Slope		LOG	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)
						· -		. <u>-</u> -					
Open Flo	l w			Mcfd @ 14.	.65 psia		Deliverabil	lity			Mcfd @ 14.65 p	sia	
				n behalf of the						he above repo	ort and that he h	as knov	vledge of 20 15 .
<u>.                                    </u>			Witness (	if any)	<del>-</del>		_		<u> </u>	For	Company	<u></u>	
			For Comm	nission			_			Che	cked by		

1 -1 - 1			
		under the laws of the state of Kansas tha 04 on behalf of the operator <u>Atlas Operati</u>	· ·
and that the fore correct to the bes of equipment inst	going pressure informa at of my knowledge and allation and/or upon typ	ation and statements contained on this a belief based upon available production s oe of completion or upon use being made o tion from open flow testing for the <u>Marvel</u>	application form are true and ummaries and lease records of the gas well herein named.
gas well on the g	rounds that said well:  k one)  is a coalbed methane  is cycled on plunger  is a source of natural  is on vacuum at the p	e producer	KCC WICH JAN 08 2016 RECEIVED ergoing ER
×	•		
_	ry to corroborate this cl	t of my ability any and all supporting docu	ments deemed by Commission

## 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.