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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruct	tions on Rev	erse Side))					
= '	en Flow			Test Date	e:				No. 15	0.000			
	liverability	·				Lease		15-	077-21063 -		Well Nur	mhar mhar	
Company Five Sta		rgy Inc.				HOSTE	TLER			2-16	wen nur	nbei	
County Location HARPER SE 1//4				Section 16		TWP 31S			W)		Acres A	ttributed	
Field SPIVEY GRABS			Reservoi	r			Gas Gati	hering Connect	nection		CC WIG		
Completion Date 2/28/85					k Total Dept	th	Packer Set at NONE		et at	. <u></u>	-S E	$P \overline{1_{6}}$	
Casing Size Weight			Internal I	Diameter	Set at 4480		Perforations 4396		To	- R	ECEIVE		
Tubing Size		Weig	ht	Internal Diameter		Set at		Perforations		To	-02		
2 3/8" 4.7# Type Completion (Describe)			· · · · · · · · · · · · · · · · · · ·	2.00 4100 Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No					
PUMPI		nnulus / Tubir	ng)	NONE	Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G		
CASING										.677			
Vertical D 4400	epth(H)				Pres	sure Taps		_		(Meter I FLAN		over) Size	
Pressure	Buildup:	Shut in 🎿	/18 2	20 <i>1</i> 4 at	8:00	(AM) (PM)	Taken 🕳	2/19	20/4	# at 8:6	0_(AM) (PM)	
Well on L	ine:	Started 2	<i>119</i> 2	0 <i>14</i> at 2	8':00	(AM) (PM)	Taken 🅳	2/20	20 🛭	4 at 8:0	<u></u>	<u>АМ)</u> (РМ)	
					OBSERVE	D SURFACE	DATA	· 	D	uration of Shut-	in_24	Hours	
Static / Orif		Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	I Walihaad Pracciira		Tubing Wellhead Pressure		Duration		f Produced	
Property	(inches)	Prover Press psig (Pm		t	t	(P _w) or (P _t) or (P _c) psig psia		(P _w) or psig	(P _t) or (P _c)	(Hours)		(Barrels)	
Shut-In						500			C	24億一			
Flow	1.000)				50.				<u> </u>			
			 		FLOW STR	EAM ATTRI	BUTES			1			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Gra Fac F	tor	Flowing Temperature Factor F _I		viation actor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
									60mA			- '''	
			•	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			²= 0.20	07	
(P _c) ² =		(P _w) ²	=; Choose formula 1 or 2	P _d =		% (Р	_c - 14.4) +	- 14.4 = <u></u>	 ;	(P _d)	² =		
$(P_c)^2 - (P_a)^2$ or $(P_g)^2 - (P_d)^2$		(P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	1. P _c ² -P _a ² LOG of formula 2. P _c ² -P _d ² 1. or 2. and divide		P2.P2 Assig		n x LOG		Antilog	Deli Equals	en Flow verability R x Antilog	
		-	divided by: P _c ² - P _w			Standa	ird Slope				 _ '	Mcfd)	
										_	-		
Open Flow		ل Mcfd @ 14.65 psia		.65 psia	a Deliverability		lity	Mcf		cfd @ 14.65 ps	d @ 14.65 psia		
The	undersigr	ned authority,	on behalf of the	Company,	states that h	e is duly au	thorized t	to make th	ne above report	and that he ha	ıs knowl	edge of	
the facts s	tated the	rein, and that	said report is true	e and correc	t. Executed	this the	20_	day of	Feb		, 2	20 <u>/4</u> .	
							(i	Da	, Ihr	t			
		Witness	(if any)			_	-		For Con	npany			
-		Far Com	nmission			_			Checke	d by			

		. XI I	£ 11 1 - 1 - 1			
I declare under pena				^		
exempt status under Rule						/// ·
and that the foregoing pr						
correct to the best of my k	•	•	•			
of equipment installation a						
I hereby request a on-		om open flo	w testing for t	he <i>Hoste</i> :	<u> 11er 12-</u>	·/ (
gas well on the grounds t	nat said well:					KCo
(Check one)						KCC WIG
	albed methane proc	ducor				SEP 18 3
	aibed memane proc ed on plunger lift du					RECE
			into on oil ro		na ED	CIVE
	urce of natural gas	•		_	ng En	
=======================================	acuum at the presei		· ·		· 	<u> </u>
V is not e	capable of producin	ig at a daily	rate in exces	S 01 250 MCI/D		
I further agree to sup	ply to the best of my	y ability any	and all supp	orting document	s deemed by	Commission
staff as necessary to cor	oborate this claim f	or exemption	on from testin	g.		
0. 9-15	_					
Date: 9-8-15						
				^		
				0()		
	O:			al ha	-	
	Sig	gnature:	- 50 0	<u>m_/V/W</u>	<u>u</u>	
			•. /			

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.