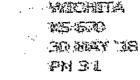
KANSAS CORPORATION COMMISSION ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

TYPE TEST																
⊠or																
De	elive	rabilit	У	T	EST DATE:		5/18	3/2018			API No.	15-1:	51-2243	36-010		
Company								Lease					Well	Number		
Ameri	Warri	or		Weingar				artne	tner-Slick			1-4				
County					Location				Section TWP				Acre	s Attribut	ed	
Pratt					4W-MW	-SW-N	W.	Sec.4-26-13\			<u>v</u>					
Field				R	eservoir					(Gas Gathe	ering Con	nection			
					Viola											
Completic	te			lug Back 1	otal Dep	th			;	Packer Se	st at					
10/2/2	2014					4	1316	_								
Casing Si	ize		Weight	t I	nternal Di	Set at			Perforati	ions	To					
5.500 15			15.50	00	0 5.000				4360			4176 4190				
Tubing Size W			Weight	: I)	nternal Di	ameter		Set at			Perforati	Lons	То		<u> </u>	
2.375 4.700			0	1.995										l		
Type Comp	pletic	on (Des	cribe)	Ŧ	pe Fluid	Producti	ion				Pump Unit or Traveling Plunger?			-		
Oil/	Gas					Oi	il				PU					
Producino	7 Thr	ı (Annul	us/Tubin	ıg) %	Carbon Di	oxide					% Nitroge	en e	Gas	Gas Gravity- Gg		
Casin	9				.168				14			14.670		.650		
Vertical	Deptl	h (H)		P	essure Ta	ips							Mete	r Run Size)	
4183 Flange 2.067																
Pressure	Buile	dup: Sh	ut in	5/18/201	5/18/2018			TAKEN		TAKEN	5/19/2018		8			
Well on Line: Started 5/19/				5/19/201	8					TAKEN	5/2	0/2018			i	
				-											-	
						JBSER	(VEL	SURFA		AIA						
Static/	Owi	fice	Meter	Pressur	e Flowi	ng Wol	lHead	Casing WellHead Pre		d Press.	Tubin	g WellHea	WellHead Press.		Liquid	
Dynamic Siz Property in			Pressu:	1	. 1	- 1	mp.	(P _w) (P _t)		P _C)	(P _w) (P _t)		(F _C)	Duration	, -	
		n.	psig	In. H 2) t.		ŧ.	psig	psig p		psig	3	psia		Barrels	
						1			1							
Shut-in	Shut-in			1				186		200				24.0		
	i								1		 		•	_	1	
Flow	١.	750	19.3	3 4.60) 68			146		161				24.0	3.0	
												<u> </u>			<u>-</u>	
						FLOW	/ STI	REAM AT	TRIE	BUTES						
					GRAVITY			LOWING TEMP D		DEVIATION R		RATE OF FLOW				
COEFFICIENT (F _b)			TER)	EXTENSION								_		202	c	
Mofd		PRES PS	SURE ia	$\sqrt{P_m \times H_w}$	FAC	Fg		FACTOR Ft	E 4	ACTOR Fpv	R Mcfd		'	3OR	G _m	
							1									
3.34	。	33.	7	12.45	1.2	403] .	9924	-	1.0018	ľ	51	17	7093	.881	
<u> </u>					· · · · · ·		·		-		I			<u> </u>		
				(OPEN F	LOW)	(DEL	IVERABI	LITY) CALC	CULATI	IONS	(P)	$a)^2 = 0.20$	7	
(Pc) ² =	40	.2	(:	$Pw)^2 = 2$	26.0	Pd	=		8	(Pc - 1	4.4) + 14	4.4 ⊨	(Pe	d) ² =		
(P _C) ² -	(p ,2		<u>.</u>	٦٢ ،	/ ₂ ,27	Г	٦	Da al-a-		1	Г 7				Flow	
(Fc) -			(P _c) ² -	(Pa)			Backpressure Curve Slope"n"						Open Flow Deliverability			
		(P ^C)	$(P_c)^2 - (P_w)^2$		$\left \frac{(P_c)^2 - (P_d)^2}{(P_c)^2} \right $ LO			or Assigned		n x LOG	;	Antilog		= R x Antilog		
				(P_) ² -	$\left \left \frac{1}{(P_{\perp})^2 - (P_{\perp})^2} \right \right $			Standard Slope				Antilog		Mcfd		
												 				
39.95		14	14.14		2.826			1.000		.4511		2.826		144		
					2.826 .4		-	1		T				```		
L <u> </u>		 ,					·	Ļ		1						
OPEN FLOW	W.	-	144	,	Mcfd 0 1	4.65 psi	.a		DELIVE	ERABILITY				Mofd @ 1	4.65 psia	
	-					antastas (b.	at ha i	. dada and basel	unal tax	males the	abouto ma	اد النديز وسود	u ha beel			
stated herei	in and	that so	id report	s behaf of the	zompany. rect. Exce	amies in: uted this !	ache is the	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	zeu to dav	of.	la/	ser and mi	it ne mts Kr	20	<i>R</i>	
						*	_	"CUITE	y		7	1			10	
				- <u>-</u>	-	KC	C A	MOLLI TO	-21	-201	/Y/	<u>Ameria</u>		<u>Varric</u>	25-	
	w	itness (i	l any)			KCC WICH!TA 31 2018 5-31-2018						Hosen TAM Par Company				
	Į²c	r Comir	iission		-	MAI 3 ! LOID						Checked by				

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Athr: Jim Hemmen

67202-151470

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