KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Te:	st:					(See Instruc	ctions on Rev	rerse Side	9)					
□ ∘	pen Flo	w												
	eliverat	oilty			1/2/2) / /				1 No. 15 -071-2006	7-000)		
Compan	y shoe (One	erating, In	· · · · · · · · · · · · · · · · · · ·	750	•	Lease Harris				A- 1	Well Nu	mber	
County	31100	Opt	Loca		Section		TWP		RNG (E			Acree A	ttributed	
Greeley		_ c sw		15		208		40W		640				
Field Bradsh					Reservo Winfie					thering Conn /lidstream	ection			
Complete 11/74		e			Plug Bar 2841	ck Total Dep	th		Packer None					
Casing Size 4.5			Weight 9.5		Internal Diameter 4.052		Set at 2852		Perforations 2815		To 2822			
Tubing Size 2.375			Welgi 4.7	nt	Internal Diameter 1.995		Set at 2839		Perforations		То			
Type Cor Single		n (De	escribe)		Type Flu Water	id Productio	n		Pump U Yes	nit or Traveling	Plunger? Yes	/ No	<u></u>	
Producing Annulus		(Anr	ulus / Tubin	g)	% (Carbon Diox	ide		% Nitrog	jen	Gas Gr	avity - G	9	
Vertical C	Pepth(H)					sure Taps				(Meter	Rug) (Pro	over) Size	
2855				7105		12:05	ange		77/	<u> </u>	11 10:	5"		
Pressure Well on L	•			7/25					1/0		11 at 12:0		M)(PM)	
- Well on L	une:		Started	2	:0 at	·	(AM) (PM)	Taken		20 ·	at	(A	M) (PM)	
				<u> </u>		OBSERVE	D SURFACE	DATA			Duration of Shut-	in_2	4 Hours	
Static / Dynamic	Orlfic Size	Mater		Pressure Differential	Offerential Flowing We		ell Head Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced	
Property	(Inche	35)	psig (Pm)	Inches H ₂ 0	t	l t	(P _u) or (P _i) or (P _a) psla	(P_) o	r (P _t) or (P _c)	(Hours)	(Ba	arrels)	
Shut-In	.50	0						<i>5</i> 3			24			
Flow							İ					 		
			-		J	FLOW STR	LEAM ATTRU	BUTES	'		 -	<u> </u>		
Plato			Circle one:	Press	Grav	ity	Flowing	David Control	ation	44-4			Flowing	
Coeffied (F _b) (F		Meler or Prover Pressure		Extension	Fact	or 1	Temperature Factor	Fa	ctor	Metered Flow R	v GOR (Cubic Fe	et/ Fluid	Fluid	
Mold			psla	√ P _m xh	F	1	Fn	F	gv	(Mcfd)	Barrel)		Gravity G _m	
-				 -	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		 			
(P _e) ² =		.:	(P _w) ² =	:	P _d =			- 14.4) +		:	(P _a);	2 = 0.201 2 =	7	
(P _a) ^y - (P				Choose Ismula 1 or 2		<u></u>	1	sure Curve					n Flow	
07	•-	(-)*- (P_)*	1. P. P. P. 2	formula 1. or 2.		Slope) = "n")/	n x	LOG	Antilog	Deliv	erability	
(P _e)*- (P	,,,			Michel by: P. P. 1	and divide	P,2 · P,2		gned rd Slope			•		R x Antilog (
														
·							 		+	-	···	-		
Open Flow	L ,			Mcfd @ 14.0	65 neia		Deliverabil	itv			Acid & 14 CE and	<u>_</u>		
						 -		_			Acfd 9 14.65 psi			
				id report is true				7		ne above repor	t and that he ha	s knowle	dge of	
			, and sidt 5 d	o report is true	and CVHGC	. Executed	UIV	$\overline{}$	day of	D	la.	, 20	·	
			Witness (#	any)			-	- Y	mice		ompany T			
			For Commi	ssion						Chec	Ked by	KE(CEIVED	

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	der penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.								
	going pressure information and statements contained on this application form are true and								
	st of my knowledge and belief based upon available production summaries and lease records								
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.									
	lest a one-year exemption from open flow testing for the Harris A-1								
gas well on the g	rounds that said well:								
(Checi	c ane)								
·	is a coalbed methane producer								
	is cycled on plunger lift due to water								
Ħ	is a source of natural gas for injection into an oil reservoir undergoing ER								
	is on vacuum at the present time; KCC approval Docket No								
Ĭ	is not capable of producing at a daily rate in excess of 250 mcf/D								
	e to supply to the best of my ability any and all supporting documents deemed by Commissio								
staff as necessar	y to corroborate this claim for exemption from testing.								
Date: 8/3//	<u>'</u>								
	Signature: Opice Ripley Title: Production 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.