KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruc	tions on Rev	erse Side	a)				
☐ ot	oen Fl	low ,											
Deliverability .				Test Dat	Jest Date:				API No. 15 071-20802-00-00				
Company				 	1/08/		Lease	• • • • • • • • • • • • • • • • • • • •		1-20002-0		Mana	t
Horses	hoe	Ope	erating, In	ic.			Wineing	јег			3-35	Well Ni	imber
Greeley Location SW NE				Section 35				RNG (E	RNG (E/W) Acres Attributed				
Field Bradsh	aw		·		Reservoi Winfie					thering Conn lidstream	ection	-	
Completi 1/28/05		ate			Plug Bac 2872 (k Total Dep	th		Packer t	Set at			
Casing S 4.5	ize		Welg 10.5		Internal 4.052	Internal Diameter 4.052		Set at 2872		rations 4-40	то 2843-50		
Tubing S 2.375	ize		Weight 4.7			Internal Diameter 1.995		Set at 2857		rations	То		
Туре Соп	npletic	an (D				d Production			Pump U	nit or Traveling	Plunger? Yes	/ No	
	1gle	-	•		Wat					p Unit -	-		
			nulus / Tubli	ng)		arbon Dioxi	de		% Nitrog	pen	Gas Gr	avity - (3.
Annu	ı1us	ľ											•
Vertical D	epth(H)				Pres	sure Taps				(Meter	Run) (P	rover) Size
				1-/			Lange				.2		
Pressure	Build	up:	Shut in	125	20 <u> </u> at _	8:35	(AM) (PM) 1	Taken	7/2	<u>6</u> 20	// at 8:3	5	(AM) (PM)
Well on L	ine:		Started		20 at		(AM) (PM) 1	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in	34 _{Hours}
Static /	Orli		Circle ana: Mater	Pressure Differentia	J Ekwina	Well Head	Casin			Nubing	D.,	Ī.,_,	
Dynamic Property	Si: (incl		Prover Press		Temperature	Temperature t	Wellhead P (P,) or (P,)			ad Pressure r (P ₁) or (P ₂)	Duration (Hours)	1 '	d Produced Barrels)
			palg (Pm)	Inches H ₂	<u>, , , , , , , , , , , , , , , , , , , </u>	,	psig	psia	psig	psta			
Shut-In				ľ	-			77.5			24		
Flow								<u> </u>					
						FLOW STR	EAM ATTRIE	UTES					
Plate			Gircle one: Meter or	Press	l Gat		Flowing	Deviation Metered		Metered Flov	GOR		Flowing
	Coefficient (F _b) (F _p)		ver Pressure	Extension) rec	u	Factor		actor R		(Cubic Fe		Fluid Gravity
Mcfd		psla		P _m xh	F,	Fee		F _p ,		(Mcfd)	Barrel)		G _m
					,								
				.J	(OPEN FL	OW) (DELIVI	ERABILITY)	CALCUL	ATIONS		(D.)	2 - O.D	07
(P _e) ² =		_:	(P_) ² =	::	P _d =	9	6 (P,	- 14.4) +	14.4 =	:	ر - پ ر) (P _ه):	²= 0.2 ²=	07
				Choose formula 1 o	2:		Backpress		-				
(P _a)*- (P	·.)"	(P	,)2- (P_)2	1. P _a ² -P _a ²	LOG of formula		Slope		l n x t	.og	A máile m		en Flow verability
(P _a)2- (P)*			2. P. 2. P. 2	1. or 2. and divide	P.2. P.2	Assk				Antilog		R x Antilog
 :				divided by: P _c ² - P	ng ph.		Standar	d Slope				ļ . '	Mcfd)
						_				İ			
						-							
Open Flow			Mcfd @ 14.65			psia I		Deliverability			Mcfd @ 14.65 psi	4.65 psia	
The u	nders	laned	authority o	n behalf of the	a Company o	lates that he	a je duka sust	norizad *	make +		rt and that he ha		lodge of
								1011280 10 グ	III BABIII C	e above repo	t and that he ha	s know	eage or
ne racts eta	ated t	nerek	n, and that sa	ald report is tro	e and correct	. Executed t	this the	،ر	day of	My	m	· 2	20
									anic	0 . N i	2/011		
_			Witness (t елу)		 -	_	1	will.		ompany (
				 				<u> </u>			<u> </u>	REC	EMED
			For Comm	ESSION						Chec	ked by	*****	-IAFD

AUG 1 1 2011

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to requested exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. and that the foregoing pressure information and statements contained on this application form are true correct to the best of my knowledge and belief based upon available production summaries and lease recommended in the statement installation and/or upon type of completion or upon use being made of the gas well herein named thereby request a one-year exemption from open flow testing for the Wineinger 3-35 gas well on the grounds that said well:	and ords
(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 undergoing ER	
is on vacuum at the present time; KCC approval Docket No	
is not capable of producing at a daily rate in excess of 250 mcf/D	
I further agree to supply to the best of my ability any and all supporting documents deemed by Comm	nission
staff as necessary to corroborate this claim for exemption from testing.	
Date: 8/3/11	
Signature: <u>Janice Ripley</u> Title: <u>Production Assistant</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.