KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:			(See I	nstructions on Re	verse Side)				
Or	oen Flow	,		Took Date:			ADI Ne	16		
Deliverabilty			U-3-14			API No. 15 15-071-20176 - 0000				
Compani Horses		perating, Ir	nc.	<u> </u>	Lease Sell	· · · · · · · · · · · · · · · · · · ·				Well Number
County Location Greeley NE NE		Section 9	TWP 18S	R	NG (E/W)	n'		Acres Attributed		
Field Bradshaw			Reservoir, L. Winfield			Gas Gathering Connection				
Completion Date 8/80			Plug Back Total Depth 2960			Packer Set at None				
Casing Size Weight 9.5 9.5		ght	Internal Diameter 4.09		Set at 3014		Perforations 2904			
ubing S 2.375	bing Size Weight 4.7		Internal Diamet		Set at 2950		Perforations		То	
Type Completion (Describe) Single Gas			Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Yes				
Producing Annulus		Annulus / Tubi	ng)	% Carbon	Dioxide	%	Nitrogen		Gas Gra	avity - G _g
Vertical Depth(H) 3015				Pressure Taps Flange			(Mete			lun) (Prover) Size
Pressure	Buildup:	: Shut in	4-2 2	14 at 8,00	2 (AM) (PM)		4-3	20/	4 at 8,'0	(AN) (PM)
Well on L	ine:	Started	20) at	(AM) (PM)	Taken	·	20 _	at	(AM) (PM)
ें ऐसे दें दिस	er r	- 		OBS	ERVED SURFAC	E DATA			Ouration of Shut-i	n_24 Hours
Static / Oynamic Property	Size	Inches) Prover Pressure		Temperature Tempe	Head Wellhead orature (P _w) or (F	Pressure	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.150) Inches H ₂ 0		psig	//7.9	psig	psia	24	
Flow					,		. [
\				FLOV	V STREAM ATTR	IBUTES	· · · · · · ·			
Plate Coeffieci (F _b) (F Mcfd	ient 。)	Circle one: Meter or Prover Pressure psia	Press Extension √ P _m x ħ	Gravity Factor F ₉	Flowing Temperature Factor Fig.	ture Factor		etered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m
					4.			_		
 ع	; 	: (P _w) ²		(OPEN FLOW) (I	DĖLIVERABILITY) CALCULAT		:	(P _s) ² (P _d) ²	= 0.207
(P _c) ² - (F or (P _c) ² - (F	2 _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² -P _e ² 2. P _c ² -P _d divided by: P _c ² -P _w ²	LOG of formula 1. or 2. and divide by:	Slo As	ssure Curve pe = "n" - or signed lard Slope	n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
 			7							ę
,),			··.	<u> </u>			<u> </u>			
pen Flov	<u> </u>		Mcfd @ 14.6	35 psia	Deliverat	oility	.	. M	lcfd @ 14.65 psi	<u> </u>
The t	_	•	•	Company, states and correct. Exe	*	2	make the	oove report	and that he ha	s knowledge of
	aren me	, and that s	and report is title	and correct. Exe	ooten tiis tiis	<u>-</u> "	ن حج یے ، د ر. ا	- 1).		, <u>~</u>
	ated the						MIM	Kil	lles	
	lated the	Witness	(if any)	<u> </u>	<u> </u>		nice	Kip	mpany /	Rece KANSAS CORPORAT

GCSC.	
	the laws of the state of Kansas that I am authorized to request pehalf of the operator Horseshoe Operating, Inc.
and that the foregoing pressure information a	and statements contained on this application form are true and
correct to the best of my knowledge and belief	based upon available production summaries and lease records
of equipment installation and/or upon type of co	ompletion or upon use being made of the gas well herein named.
gas well on the grounds that said well:	
is on vacuum at the present is not capable of producing	e to water or injection into an oil reservoir undergoing ER t time; KCC approval Docket No g at a daily rate in excess of 250 mcf/D ability any and all supporting documents deemed by Commission
Date: <u>9-3-/4</u>	
Sign	nature: <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.

COMBERVATION LANGUE H