Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			(5	ee înstruct	ions on Reve	erse Side)					
Open F	ow						AD	N- 45				
Deliverability			Test Date:	, 2 - 14			4P)	No. 15 -071-20047	-000a			
Company		7	2//		 Lease					Well Nu	mher	
Horseshoe			Floyd				A-1					
County	Loca		Section		TWP	_	ANG (E	/W)		Acres A	Attributed	
Greeley	C NW	f.	25		198		40W		<u> </u>	640		
Field Bradshaw			Reservoir Winfield					thering Conne Nidstream	ection			
Completion Da 2/3/74	ate		Plug Back 2923	Total Dept	h		Packer :	Set at				
Casing Size Weight 4.5 9.5			Internal Diameter 4.052		Set at 2949		Perforations 2846		то 2856			
Tubing Size 2.375	Weigi 4.7	nt	Internal Di 1.995	ameter	Set at 2883		Perfo	rations	То			
Type Completion Single Gas	Type Completion (Describe) Single Gas		Type Fluid Production Water		1		Pump Unit or Traveling I Yes		Plunger? Yes / No			
Producing Thre	u (Annulus / Tubin	g)	% Ca	rban Diaxio	le		% Nitrog	jen	Gas Gr	avity - G		
Annulus											u	
Vertical Depth	H)				ure Taps				(Meter	lun) (Pr	over) Size	
2950		· / 		F/a	nge				<u> </u>	//		
Pressure Build	up: Shut in	7-2 ₂₀		8:00	(PM) 1	aken	4-3	20,	14 at 8.7	<u> </u>	AM) (PM)	
Well on Line:	Started	20) at		(AM) (PM) 1	raken	_ _ _	20	at	(AM) (PM)	
				OBSERVE	SURFACE	DATA			Duration of Shut-	in 2	4 Hours	
1	fice Circle one:	Pressure Differential	- 1	Well Head	Casin Welihead P	~	4	Tubing ead Pressure	Duration	Liquid	d Produced	
1 "	heg)	Prover Pressure In		emperature t	(P _w) or (P _i) or (P _e)		(P _w) or (P _I) or (P _c)		(Hours)		(Barrels)	
Shut-In , 6	psig (Pm)	Inches H ₂ 0	- t		psig	psia 45	psig	psia	216	ļ		
	2	- 				<u>7 – </u>			<u> </u>	 -		
Flow							<u> </u>			<u> </u>		
	1	Τ		LOW STR	EAM ATTRIE	JULES						
Plate Coeffiecient	Circle one: Meter or	Press Extension	Gravity	T.	Flowing emperature	L	iation	Metered Flov			Flowing Fluid	
(F _b) (F _p)	Prover Pressure	✓ P _m xh	Factor F		Factor		ctor pv	. R (Mcfd)	(Cubic Fe Barrel)		Gravity	
Mcfd	psia —		ļ		F _{rt}	1					G _m	
L	_			Į.		ļ		·-	,		[
			(OPEN FLO	N) (DELIVE	RABILITY)	CALCUL	ATIONS		(D.)	2 00	~	
(P _c) ² =	: (P _w)²=		` P _d ≃_	%	•	- 14.4) +		•	(P _a)	2 = 0.20 2 =	07	
<u> </u>		Choose formula 1 or 2:	T		Backpress							
(P _c) ² - (P _b) ²	(P _c)²- (P _w)²	1. P ₂ 2- P ₂ 2	LOG of formula	1	Slope			Log	8-44		en Flow verability	
(P _c) ² - (P _d) ²		2. P _c ² -P _d ²	1. or 2.	D 2 D 2	Assigned		- " ~ 202		Antilog	Equals R x Antilog		
-		divided by: P.R - P. 2	by:	P _c ² -P _c ²	Standar	d Slope				. (Mcfd)	
	!							i				
			/		, ,		7					
Open Flow Mcfd @ 14.65 psia			5 psia_	aDeliverability			Mcfd @ 14.65 psia					
The under	signed authority, o	n hahalf of the f	Company of	too that be	in duly and	horizod +	o meko i	ha abaya sasa	rt and that he b-	a keessi	ladae of	
			, ,		-	//	O make t	ne apove repo	it and that he ha	IS KIIOW	121	
the facts stated t	therein, and that sa	aid report is true	and correct.	Executed t	this the	<u> </u>	day of _	uugi	est_	2	20	
) a	in the	inlla			
	Witness (fany)	_		-		HAU	For C	Congrany Congrany			
	<u> </u>					_ 0	, 		RE CORPO	CEIVED	COMMISSION	
	For Comm	ission			_			Cha	KANIYONG GUNFU	+42711411		

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l d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	t the foregoing pressure information 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
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
1 he	reby request a one-year exemption from open flow testing for the Floyd A-1
gas we	on the grounds that said well:
	(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
l fu	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
taff as	necessary to corroborate this claim for exemption from testing.
	8-4-14
)ate:	0 4/4
)ate:	
)ate:	
Oate:	<u>0 4.74 </u>
Date:	0 474
Date:	Signature: Janice Ripley.
)ate:	

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.