Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	::				(See Instruc	tions on Reve	erse Side)	4			
Open Flow Deliverabilty				Test Date	Test Date:				API No. 15 15-033-21150-0000				
Company Thoroughbred Associates				,	Lease Herd			 .	<u></u>	2	Well Number		
County Location Comanche NE_SW				Section 15	•			RNG (E	W)		Acres Attributed 320		
Field	-		·-		Reservoii Mississi				Gas Gat	hering Conn	ection		
Completion Date 01-02-01					Plug Back Total Depth 5333				Packer 8	Set at			
Casing Size Weight 5.5 15.5			t	Internal E 4.995	Diameter	Set at 5353		Perforations 5151		To 5222			
Tubing Size 2.375			Weigh 4.7	Weight 4.7		Internal Diameter 1.95		Set at 5298		rations	То		
Type Completion (Describe) Tubing					Type Fluid Production Brine				Pump Unit or Travellng Plunger? Yes / No PU				
Producing Tubing	Thru	(Anr	nulus / Tubing	3)	% C	arbon Diox	ide	· · · · ·	% Nitrog	en	Gas Gr	avity - G _g	
Vertical D	epth(H)	-			Pres	ssure Taps		<u>, </u>		(Meter I	Run) (Prover) Size	
Pressure	Buildur	o: :	Shut in 10/	1 2	0_15_at:7		(AM) (PM) 1	Taken_10)/2	20	15 at 7	((M) (PM)	
Well on Line:		ł	Started	arted 20		at		(AM) (PM) Taken		20	at	•	
						OBSERVE	ED SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Orifice Dynamic Size Property (inches)		3	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential In Inches H,0	Flowing Well He Temperature Tempera t t		I Wollhoad Proceuro		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₀) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							140	pola	paig	pora	24		
Flow													
Plate			Circle one:				REAM ATTRIE	BUTES_		· · · · · · · · · · · · · · · · · · ·			
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Gravity Factor F _g		Temperature Fa		riation Metered Flow		W GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m	
					(OPEN ELI	OW) (DELIV	/ERABILITY)	CALCIII	ATIONS				
(P _o) ² =		<u>.</u> :_	(P _w)² =		P₀≕			- 14.4) +		<u>:</u>	(P _a):	2 = 0.207 2 =	
$(P_c)^2 - (P_e)^2$ or $(P_c)^2 - (P_d)^2$		(P _c)² - (P _w)²		Choose formula 1 or 2 1. $P_o^2 - P_a^2$ 2. $P_a^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	2. P ₀ ² P _d formula 1. or 2. and divide		P _c - P _w Backpress Slope o Assig Standard		n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	-						 						
Open Flor	w			Mcfd @ 14.	65 psla	٠	Deliverabil	ity			Mcfd @ 14.65 psi	a	
									-		ort and that he ha		
the facts s	tated th	ıerei	n, and that sa	ald report is true	e an d c orrec				day of <u></u>	ebruary		, 20 <u>16</u>	
			Witness (i	fany)		•				Far	Company		
			For Comm	lission			17 2016_ CEIVED	.		Che	cked by		
						KE	CEIVED			•			

	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Thoroughbred Associates
	ng 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
• •	tion and/or upon type of completion or upon use being made of the gas well herein named. a one-year exemption from open flow testing for the Herd #2
gas well on the grou	
(Check or	ne)
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
, <u> </u>	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
-	o supply to the best of my ability any and all supporting documents deemed by Commission ocorroborate this claim for exemption from testing.
Date: 2/17/16	, , , , , , , , , , , , , , , , , , ,
	CC WICHITA Signature: Title: Manager RECEIVED

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.