KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Re	everse Side	9)					
Op	oen Flow												
✓ Deliverabilty Test Da 06/08/2					st Date: 5/08/2014 to 06/13/2014				API No. 15 071–20079 ~ 0000				
Company XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			ng, Inc	Lease Clift			#1			Well Number			
County Greeley		Location C SE 1/4		Section 17			TWP 17S		RNG (E/W) 40W		Acres Attributed		
					Reservoir Winfield				Gas Gathering Connection DCP Midstream				
					k Total Dep	otal Depth			Packer Set at				
			Internal I	Internal Diameter Set a 3043			Perfora	ations -2960	то 2994-3000				
Tubing Size Weight			ht ,	Internal I	Diameter	Set at SN-3002		Perforations		То			
Type Completion (Describe)				Type Flui	Type Fluid Production Salt Water				Pump Unit or Traveling Plunger? Yes / No				
Producing Thru (Annulus / Tubing)					% Carbon Dioxide				% Nitrogen Gas Gravity - G _g				
Tubing Vertical Depth(H)					Pressure Taps Flange				(Meter Run) (Prover) Size				
Drocouro	Duildup	Shut in 06	/08	14 . 1			Taken 06	6/13	20	2 inch 14 at 4:45 P	M	A)	
30 MANAGES CO. MICHAEL ST. 10 MANAGES CO. 10 MANAGE										at	, , ,		
			aya barara sana kanana kanana ay Am		OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 125.5	Oure	
Static / Orifice Circle one: Pressure Flowing Well Hea						T	sing	Tu	Tubing Hours			Juis	
Dynamic Size Property (inches)		Prover Press		Temperature t		Wellhead (P _w) or (F	Pressure P ₁) or (P _c) psia		P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In						102	115.4	Poly	Poin	125.5	n/a		
Flow													
					FLOW STF	REAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Press Extension ✓ P _m x h		Gravity Factor F _g		Temperature Factor		iation Metered Flow ctor R (Mcfd)		GOR FI (Cubic Feet/ G Barrel)			
				(0.05)	0110 (051 11)					.]			
P _c) ² =		: (P _w) ² :	=:	(OPEN FL	OW) (DELIV) CALCUL P _c - 14.4) +		:	(P _a) ² (P _d) ²	² = 0.207 ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2 = \begin{cases} Choose formula 1 \text{ or } 2: \\ 1. P_c^2 - P_a^2 \\ 2. P_c^2 - P_d^2 \\ divided \text{ by: } P_c^2 - P_w^2 \end{cases}$		LOG of formula 1. or 2. and divide	formula 1. or 2. and divide P 2 - P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
						-							
Open Flo	NW/		Mcfd @ 14.	65 psia		Deliverab	nility			//ofd @ 14.65 psi	2		
·		ned authority, o			states that h			make the		t and that he ha			
			said report is true					day of Oc			, 20 14		
		1884-	(if any)					ani	ce K	pley	Rece KANSAS CORPORA	ived TION COMMI	
		Witness		onula montanta como como como como como como como com		_			For Co	pypany //	NOV 1	0 2014	
		For Com	mission						Check	sed by	CONSERVATIO WICHITA	N DIVISION	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request 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 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 completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Clift #1 gas well 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 10/28/2014 Signature:

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.