KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Deliverability	Type Test:				(:	See Instruct	ions on Re	verse Side,)					
Tuttle									API 15-0	No. 15 02521088 - 9	00-00			
SW4 OS 35S 21W 320	Company Hartman Oil Co., Inc.							Lease			1-9A	Well Number		
Toper Ranch Morrow DCP Midstream Properties Pro	County Clark S			n										
15-1992 5698' None Started 10.5# 4.052" Started 10.5# 4.052" Started Start	Field Harper Ranch			Morrow	Morrow			DCP Midstream						
Second Processing Pressure Pr	Completion Date 10-15-1992							None						
Second							5747'		564	4'	5668	5668'		
Analy (Part Pumping X (Part Pumping X) (Tubing Size 2 3/8"	ze			1.995"		5631'		NA		NA			
Includes 100.00						d Production	n		Pumpi	ing	X	(
Source Buildup: Shut in 6-26 20 12 at 09:00 (AM) (PM) Taken 6-27 20 12 at 09:00 (AM) (PM) Taken 20 at (AM) (PM	Producing Thru (Annulus / Tubing) Annulas				arbon Dioxi	de		•				G _e		
OBSERVED SURFACE DATA Ourstion of Shut-in OBSERVED DURAtion OBSERVED DURAtion OF Size Prover Pressure (Inches) Pressure (Inches) Pressure Prover Pressure (Inches) Pressure (Inches) Pressure Pressure (Inches) Pressure (Inches	Vertical D 5750'	epth(H)				Pres	sure Taps				(Meter	r Run) (F	rover) Size	
OBSERVED SURFACE DATA Ourstion of Shut-in OBSERVED DURAtion OBSERVED DURAtion OF Size Prover Pressure (Inches) Pressure (Inches) Pressure Prover Pressure (Inches) Pressure (Inches) Pressure Pressure (Inches) Pressure (Inches	Pressure	Buildup:	Shut in _6-26	2	o 12 at 0	12 at 09:00 (AM)			(PM) Taken 6-27			12 at 09:00 (AM) (PA		
Second Continue	Well on Li				0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
Continue Differential Flowing Prover Pressure Prover Pressure Pressure Prover Pressure Prover Pressure Prover Pr						OBSERVE	D SURFAC	E DATA			Duration of Shu	_{it-in} _24	Hours	
FLOW STREAM ATTRIBUTES Plate	Static / Dynamic Property	Size	Meter Prover Pressur	Differential e in	Temperature	Temperature	Wellhead Pressure		Wellhead Pressure (P _w) or (P _t) or (P _c)		li l			
FLOW STREAM ATRIBUTES Plate Confision Fination Factor Factor Factor Fig. (McId) Plate Confision Factor Factor Factor Fig. (McId) Prova Pressure Polar Fisher Fig. (OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P ₂) ² = .	Shut-In		psig (Pm)	Inches H ₂ U			 	psia	psig	psia				
Plate Coefficient (F _p) (F _p	Flow													
Desificion (F _p) (F _p						FLOW STE	REAM ATTR	BUTES		r			,	
P = : (P _w) ² = : P _d = % (P _c ·14.4) + 14.4 = : (P _d) ² = (P _d) ² = (P _c) ² · (P _c) ² · (P _c) ² · (P _d) ² (P _c) ² · (P _c)	Coeffiecient (F _b) (F _p)		Meter or Extension rover Pressure		Factor		Temperature Factor		actor R		(Cubic I	Feet/	Fluid Gravity	
P = : (P _w) ² = : P _d = % (P _c ·14.4) + 14.4 = : (P _d) ² = (P _d) ² = (P _c) ² · (P _c) ² · (P _c) ² · (P _d) ² (P _c) ² · (P _c)					<u> </u>			1 2 2 2 2 2						
Choose formula 1 or 2: 1. P _c ² - P _c ² 2. P _c ² - P _c ² divided by: P _c ² - P _c ² The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 27 day of	(P _c) ² =	:	(P _w) ² =_	:	•					<u></u> ;	•	•	207	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 27 day of Witness (if any) Witness (if any) For Company RECEIVE Checked by	(P _a)²- (F		(P _c)²- (P _w)²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	!	Sio	pe = "n" - or ssigned	L	LOG	Antilog	De	eliverability Is R x Antilog	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 27 day of Sune 12 Por Company RECEIVE For Commission Checked by 111 0.2								· · · · · · · · · · · · · · · · · · ·	-			_		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 27 day of Sune 12. Witness (if any) For Company RECEIVE	Open Flov	w		Mcfd @ 14	65 psia		Deliverat	bility			Mcfd @ 14.65 p	 osia		
Witness (if any) For Company For Commission Checked by IIII 0.2		-	•								rt and that he	has kno		
For Commission Checked by IIII 0.2	ne facts si	tated there	ein, and that sai	id report is tru	e and correc	t. Executed	this the 2	7	day of <u>J</u>	une \	mile to	11	20 12	
Fer Commission Checked by JUL 0 2 2			Witness (if	any)	B. at Side 1, 1844 Bar 44					For C	Company		RECEIVI	
KCC WICH			For Commis	ssion	· · · · · · · · · · · · · · · · · · ·					Chec	ked by	ل ،	IUL 02:	
												KC	C WICH	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt s	status under Rule K.A.R. 82-3-304 on behalf of the operator Hartman Oil Co.
	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.
l her	eby request a one-year exemption from open flow testing for the
	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 fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
	necessary to corroborate this claim for exemption from testing.
S-4 6/	27/2012
Date: _ <u>o/</u>	2112012
	Signature: Tructivi
	Title: Vice President Field Operations

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.

JUL 0 2 2012

KCC WICHITA