KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	ctions on Rev	erse Side)					
Open Flow					Test Date: API No. 15									
✓ Deliverabilty						12/09/14				17120042 - 000				
Company Discovery Natural Resources LLC						Lease Schwartz				Well Number 1-27				
County Location Scott C SW/4					Section 27		TWP 18S				Acres Attributed 640			
Field Hugoton NE				Reservoir Krider				Gas Gath OneOk	ering Conne	ection				
Completion Date 10/72					Plug Bac 2772	k Total Der	oth		Packer S	et at				
-			Weigh 14	t	Internal E 4.995	Diameter		Set at 2788		Perforations 2751		то 2755		
Tubing Size 2 3/8			Weight 4.7		Internal Diameter 1.995		Set at 2777		Perforations		То			
Type Completion (Describe) Gas Well				Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Yes					
Producing Thru (Annulus / Tubing) Annulus				% C	arbon Diox	kide	% Nitrog 43.33		en	Gas Gra .8102	Gas Gravity - G _g .8102			
Vertical D		H)				Pressure Taps					(Meter Run) (Prover) Size			
Pressure	Buildu	ıp:	Shut in	9 2	0_14_at_1	1:45AM	_ (AM) (PM)	Taken_12	2/10	20	14 _{at} 11:45A	М ((AM) (PM)	
Well on L	ine:		Started	2	0 at		_ (AM) (PM)	Taken		20	at	((AM) (PM)	
						OBSERV	ED SURFACE	DATA			Duration of Shut-i	n_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu		Flowing Well He		Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In			psig (Pm)	Inches H ₂ 0		!	psig 90	psia	psig	psia	24			
Flow		•									-			
						FLOW ST	REAM ATTRI	BUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		t Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	iation ctor py	Metered Flov R (Mcfd)	v GOR (Cubic Fer Barrel)	e t/	Flowing Fluid Gravity G _m	
(P _c) ² =		<u>_:</u> .	(P _w) ² =	:	(OPEN FL P _a =		VERABILITY) _%(P	CALCUL - 14.4) +		:	(P _a) ²	= 0.2		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_e^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	D 2 - P 2 LOG of tormula 1. or 2. and divide		Slop Ass	essure Curve ope = "n" ror ssigned dard Slope		. Do.	Antilog	Del Equals	oen Flow iverability s R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 neia		Deliverab	ility			Mcfd @ 14.65 psi	a		
		inne	d authority o			states that			o make th		rt and that he ha		ledge of	
		_	_	aid report is tru	and correc	t. Execute	d this the 21	st	_	ecember	<u> </u>		20	
			Witness (i	f any)			PORATION COM			For	Company			
			For Comm	ission		CONSER	VATION DIVISION CHITA, KS			Che	cked by			

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 Discovery Natural Resources LLC 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 Schwartz 1-27 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: December 21, 2014
Received Signature: KANSAS CORPORATION COMMISSION Title: Regulatory Specialist CONSERVATION DIVISION WICHITA, KS

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.