KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Rev	rerse Side)					
Open Flow);			1 IAV	No. 15				
√ Del	liverabil	ty			10/12/20					00157-000	0			
Company Discovery Natural Resources LLC							Lease Van Alle	Lease Van Allen			1-18			
County Location Finney C SW/4			Section 18			TWP 21S		RNG (E/W) 32W		Acres Attributed 628 KANNAS CORPORA				
Field Hugoton				Reservoir Chase				Gas Gathering Cor OneOk		ection	•	NSAS CORPORA		
Completion Date 7/17/1961				Plug Baci 2679'	k Total Dep	th	Packer :					OCT 28		
Casing Size Weight 4 1/2" 9.5#				Internal Diameter		Set at 2685'		Perforations 2623-2627'		CONSERVATION 2 2656-2672' WICHITA, KS				
	Tubing Size Weight			Internal Diameter			Set at		Perforations		2012			
Type Completion (Describe) Single (Gas)					Type Flui Water	d Productio	ะก			t or Traveling sert Pump	g Plunger? Yes / No			
		(Ann	ulus / Tubing)	% C	arbon Diox	ide			% Nitrogen		Gas Gravity - G		
Annulus	-	•	•		0.01				44.75		0.788		R	
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size 2685'										rover) Size				
Pressure	Buildup	: S	Shut in10/1	2 2	0 15 at 0	2:45 PM	(AM) (PM)	Taken_10)/13	20	15 at 02:4	5 PM	(AM) (PM)	
Well on L	ine:	8	Started	2	0 at		. (AM).(PM)	Taken		20	at		(AM) (PM)	
	-			-		OBSERVE	D SURFACE	E DATA			Duration of Sh	ut-in_24	Hours	
Static / Orific Dynamic Size Property (Inche		e Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Well H Temperature Temper		(P _w) or (P	Pressure	Welfhèa (P _w) or	bing d Pressure (P _t) or (P _c)	Duration (Hours)	1 '	iid Produced (Barrels)	
Shut-In	-		poig (i iii)	mones 1120			psig 65	psia	psig	psia	24	+		
Flow		,	r											
			i e to			FLOW STI	REAM ATTR	IBUTES					<u> </u>	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	xtension Fac		Temperature Fa		viation Metered Flow Ector R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					(ODEN EL	OW/ (DELIN	/ERABILITY	CALCIII	ATIONS					
(P _c) ² =		_:	(P _w) ² =_	<u> </u>	P _d =	, ,		, calcol , - 14.4) +		:		$(P_a)^2 = 0.2$ $(P_a)^2 =$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ (ivided by: $P_c^2 - P_w^2$	2-P2 LOG of formula 2-P2 1, or 2. d and divide p		Backpressure Slope = "r or Assigned Standard Sk			og [Antilog	De	pen Flow Hiverability Is R x Antilog (Mcfd)	
							-			•				
_														
Open Flow Mcfd @ 14.65 psia							Deliverab	Deliverability Mcfd @ 14.65 psia						
			•	behalf of the			•		o make the	•	ort and that he		wledge of 20 15 .	
			Witness (if	any)			_	77	TH THING	Fort	Company			
			For Commi	ssion			_			Che	cked by			

	der the laws of the state of Kansas that I am authorized to request on behalf of the operator <u>Discovery Natural Resources LLC</u>
and that the foregoing pressure information correct to the best of my knowledge and be of equipment installation and/or upon type	on and statements contained on this application form are true and elief based upon available production summaries and lease records of completion or upon use being made of the gas well herein named. In from open flow testing for the
is on vacuum at the pre is not capable of produ	due to water as for injection into an oil reservoir undergoing ER sent time; KCC approval Docket No cing at a daily rate in excess of 250 mcf/D my ability any and all supporting documents deemed by Commission
Date: October 26, 2015	Received KANSAS CORPORATION COMMISSION OCT 28 2015 CONSERVATION DIVISION WICHITA, KS Signature: Bonce Scotield
	Signature: DONU StoTulo Title: Regulatory Supervisor

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.