KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruct	ions on Reve	erse Side)					
Open Flow Deliverabilty			Test Date:				API No. 15 15-007-21148 000 l						
Company Indian Oil Co., Inc.			Lease Swartz							Well Number			
County Location Barber N2 N2 NE			Section 31			TWP 31		RNG (E/W) 11W		Acres Attributed			
Field Whelan			Reservoli Elgin	Reservoir Elgin			Gas Gathering Co WWGG		ction				
Completion Date 04/25/1981			Plug Bac 4711	Plug Back Total Depth 4711			Packer S	Set at					
Casing Size Weight 5.5 14			Internal E	Internal Diameter		•	Perforations 3939		то 4394				
Tubing Size Weight 2 3/8			Internal E	Internal Diameter		Set at		rations	То				
Type Completion (Describe) Single (Gas)			•••	Type Fluid Production			Pump Unit or Traveling Plunger? Yes /No						
		Annulus / Tubi	ng)	% C	arbon Dioxid	de		% Nitrog	jen	Gas Gr	avity - G	9	
Vertical D	epth(H)				Press	sure Taps				(Meter	Run) (Pro	over) Size	
Pressure	Buildup:					(PM) 1	aken		20	at	(/	AM) (PM)	
Well on L	.ine:	Started	2-31 2	0 14 at C	1:30	(PM) 1	Taken	· .	20	at	(AM) (PM)	
		Circle one.			OBSERVE	D SURFACE	DATA	,		Duration of Shut-	in_2	Hours	
Static / Dynamic Property	Dynamic Size		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing ead Pressure r (P _t) or (P _c) psia	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In				# 4 5		100		psig)				
Flow						200		250) [
	- 1		1	.,	FLOW STR	EAM ATTRIE	BUTES				1		
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		viation Metered Flov actor R F _{pv} (Mcfd)		W GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
(P _c) ² =		: (P _w) ²	- = :	(OPEN FL		ERABILITY) % (P.	CALCUL - 14.4) +		:	(P _s) (P _s)	1 ² = 0.20)7	
(P _c) ² + (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ² 1. P _c ² - P _a 2. P _c ² - P _d divided by: P _c ² -		LOG of formula 1. or 2.		Backpressure Curve Slope = "n" or Assigned Standard Slope		e n x log		Open Delivers		en Flow verability R x Antilog Mcfd)	
0			Matter	05 == 1=		Della	:a			M-14 6 44 57	<u> </u>		
Open Flo		1 . 4 . 4 .	Mcfd @ 14	· · · · · · · · · · · · · · · · · · ·		Deliverabil				Mcfd @ 14.65 ps	·	1	
	_		on benair of the said report is tru	• •		•			·	rt and that he ha		eage of 0 <u>14</u> .	
			s (if any)	·		MICH		f.		ompany	-		
			nmission		JAN (0 8 2015				ked by			

exempt status under and that the forego correct to the best of equipment instal I hereby reques	r penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator
I further agree	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 17_/31/1	

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.