KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:						(See Instruc	tions on Re	everse Side	9)					
Open Flow					Toot Date	Test Date:				No. 40				
Deliverabilty				10/4/20			API No. 15 15-007-23445 ~ ()()()							
Company		rces, Inc.				·	Lease Thom	"A" #1-28			0000	Well Nu	mber	
County Location Barber NW SE SE				Section 28				RNG (E/ 13 W	W)		Acres Attributed 320			
Field Brooks				Reservoi Douglas			Gas Gathering Conn Oneok			ection	-			
Completion Date 10/15/2009				Plug Bac 4400'	k Total Dep	oth	h Packer Set at None							
Casing S 4-1/2"				Internal Diameter		Set at 4547'		Perforations 3587' to 3591'		То				
Tubing Si 2-3/8	ubing Size Weight -3/8				Internal Diameter		Set at 3562'		Perforations None		То			
Type Completion (Describe) Single					Type Fluid Production Salt Water			Pump Unit or Traveling Pl Pumping Unit			Plunger? Yes / No			
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			% Nitrogen			Gas Gravity - G				
Annulus				0.136			2.631			0.6281				
Vertical Depth(H) 3591'					Pressure Taps						Run) (Pi eter Ru	rover) Size IN		
Pressure Buildup: Shut in 10/4 20				11 at 1	11 at 1 PM (AM) (PM)			Taken 10/5 20 1			11 at 1 PM (AM) (PM)			
Vell on L	ine:	Started		20	11 at 1	PM	(AM) (PM)	Taken 1	1/6		11 at 1 PM	`	AM) (PM)	
						OBSERVE	D SURFAC	E DATA	7		Duration of Shut	-in_24	Hours	
Static / Dynamic Property	Size	Size Meter Differe		Pressure Differential In Inches H ₂ 0	Flowing Well Head Temperature t t		(P _a) or (P _t) or (P _c)		Wellhe (P_) or	ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			•	2			260	psia	psig	psia	24			
Flow						110				24 140				
					<u> </u>	FLOW STR	REAM ATTE	RIBUTES	ī					
Plate Coeffieci (F _b) (F Mcfd	ient ,)	Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Gravity Factor F ₉		Flowing Temperature Factor F ₁₁	re Deviation Factor		Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
										12				
					(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUL	ATIONS					
) ² =		: (P_)² =	:	P _d =		% (1	P _c - 14.4) +	14.4 =	:	(P _a)) ² = 0.20) ² =	J/	
(P _a) ² - (F or (P _a) ² - (F)²	(P _e) ² · (P _w) ²		oose formula 1 or 2; 1. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ ided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: C C C C		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x l	.og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
·														
Open Flow Mcfd @ 14.65			5 neia	i nsia		Deliverability			Mold @ 14 55	<u> </u>				
											Mcfd @ 14.65 ps			
				pehalf of the (e above repo ovember	rt and that he ha		edge of	
							-							
		vvitne	ess (if ar	·¥1						For C	Company	4.0	RECEIVI OV-0-3-1	
For Commission							•		Checked by			—-N	JV-0-3- ;	

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 Roberts Resources, 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
gas well on the grounds that said well:
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: 11/1/2011
Signature: Kent Kalub Title: President

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.