KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	tions on Rev	erse Side)					
✓ Open Flow				Test Date: API No. 15										
✓ Deliverabilty					Test Date: 09/27/11				no. 15)07-23384-0	0-00				
Company Roberts		ırce	s, Inc.				Lease Catlin				2-35	Well N	ımber	
County Location Barber SW SE NW				Section 35				RNG (E/\ 13W	W)	•	Acres 320	Attributed		
Field Catlin					Reservoir Lower D	, Douglas Sa	and	Gas Gathering Con Oneok			ection			
Completion Date 1/20/2009				Plug Bac 4516	th	Packer Set at none								
Casing Size 5-1/2"			Weight 15.5		Internal Diameter		Set at 4538'		Perforations 3666 to 3670		То			
Tubing Si 2-3/8	Z Q	-	Weight 4.7#		Internal Diameter		Set at 3651		Perforations open end		То			
Type Completion (Describe) single					Type Flui water	Type Fluid Production water			Pump Unit or Traveling P Pumping Unit			s / No		
Producing Thru (Annulus / Tubing) tubing				% C 0.13	ide	% Nitrogen 10,603			Gas Gravity - G _q 0.6784					
Vertical Depth(H) 3666					Pressure Taps				<u> </u>			rover) Size		
								i) Taken 9/27 20				(AM) (PM)		
Well on L	ine:	;	Started 9/27	2	0 11 at 1	2 PM	(AM) (PM)	Taken 9/	28	20	11 at	<u>M</u>	(AM) (PM)	
			Circle one:			OBSERVE	D SURFACI			i i	Duration of Shu	_{ut-in} _24	. Hours	
Static / Dynamic Property	namic Size		Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Hea Temperature t t				Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							450				24			
Flow	wc						210			24		93	93	
			Circle eres			FLOW STE	REAM ATTR	IBUTES						
Plate Coefficcient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fac	tor	Flowing Temperature Factor F _{ft}	Fa	ation ctor	Metered Flow R (Mcfd)	GO (Cubic Barro	FeeV	Flowing Fluid Gravity G	
INC.C							- н			73				
					•		ERABILITY) ² = 0.	207	
$(P_e)^2 = \underline{\hspace{1cm}}$		<u>-:</u>	(P _*) ² =	Choose formula 1 or 2	P _a =		% (F	- 14.4) +	<u> 14.4 =</u>	;	(P	(_d) ² =		
(P _c) ² - (P _e) ² or (P _c) ² - (P _e) ²		(P _e) ² - (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P ₂ . P ₂ ²	Backpre Sto		l n x i	.og	Antilog	De	Open Flow Deliverability Equals R x Antilog	
				livided by: P _c ² - P _w	by:	<u>''</u>	Stand	ard Slope	-			+	(Mcfd)	
											18.5			
Open Flow			Mcfd @ 14.65 psia				Deliverability				Mcfd @ 14.65 psia			
The i	undersi	gned	d authority, on	behalf of the	Company,	states that h	ne is duly au	thorized to	o make th	e above repo	rt and that he	has knov	vledge of	
the facts s	tated th	nerei	n, and that sa	id report is true	e and correc	t. Executed	this the 1	·	day of N	ovember		· ····· ,	20 11	
			Witness (If	any)		***************************************	-			For C	Company	R	ECEIVE	
			For Cammi	ssion			-			Chec	ked by	NC	V 03 20	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to rexempt status under Rule K.A.R. 82-3-304 on behalf of the operator Roberts Resources, Inc.	equest
and that the foregoing pressure information and statements contained on this application form are trecorrect to the best of my knowledge and belief based upon available production summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well have a summaries and lease respectively. In the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas well are summaries and the statement of the gas	records
(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 Costaff as necessary to corroborate this claim for exemption from testing. Date: 11/1/2011	mmission
Signature: ————————————————————————————————————	

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.