Kansas Corporation Commission ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		ONE	POINT O			tions on Reve			CHADILII	1 1531		
✓ Open Flow ☐ Deliverability				Test Date: 10/29/2015				API'No, 15' 095-21958-0000					
Company MIDCO Exploration, Inc.				Lease Ramse			/				Well Number		
County Kingman			Location S/2 SE		Section 35			TWP 28S		/W)		Acres Attributed	
Field Garlisch SW						Reservoir Mississippi		Gas Ol		thering Conn	ection		
Completion Date 6/13/05					Plug Back 4220	Plug Back Total Depti 4220		Packe NON					
Casing Size 4.5			Weight 40.5	İ	Internal E 4.090	Internal Diameter 4.090			Perforations 4090		то 4104		
Tubing Size 2.375			Weight 4.7		Internal E 1.995"	Internal Diameter 1.995"		-	Perforations		То	, , , , , , , , , , , , , , , , , , , ,	
Type Completion (E Single gas			escribe)	· · ·	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No YES				/ No	
Producing Thru (Annulus / Tubing) Tubing)	% Carbon Dioxide				% Nitrogen			Gas Gravity - G ₉ .658	
Vertical Depth(H) 4097						Pressure Taps Flange			(Meter Run) (Prover) Size 2.067"				
Pressure Buildup:						00	(AM) (PM) 1				15 at 8:00	(AM) (PM)	
Well on L	Ine:	;	Started 10/	<u>/29</u> 2	0_15 _{at_} 8:	00	(AM) (BM) 1	Taken		50	at	(AM) (PM)	
	,		г			OBSERVE	D SURFACE	DATA			Duration of Shut	·InHours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing ellhead Pressure (w) or (P1) or (Pc) sig psia		Tubing ead Pressure or (P ₁) or (P ₂)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							415		paig				
Flow	·		<u>.</u>	<u> </u>	·					`			
						FLOW STR	REAM ATTRIE	UTES	-			- ,	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or ver Pressure psla	Press Extension	Grav Faci F _g	or	Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv} -		Metered Flov R (McId)	GOR (Cubic Fe Barrel)	(Granita)	
(P _c) ² =		•	(P _w)² =		(OPEN FLO		'ERABILITY) % (P.	CALCUL - 14.4) +			(P _a) (P _d)	² = 0.207°	
$(P_o)^2 - (P_o)^2$ or $(P_o)^2 - (P_o)^2$		(P _o) ² -(P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P.2. P.2	Backpressure Cu Slope = "n" or Assigned Standard Slope			roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo				Mcfd @ 14.			Deliverabli				Mcfd @ 14.65 ps		
				behalf of the			0	n n -		ne above repo Novembe:	rt and that he ha	as knowledge of	
			Wilness [II	any)			_	MI	DCO E	XPLORAT	ION, INC.		
					KC	S WI C	ATIH:						
			For Commi	ssion		~ ∀∀∀	אם שט פר 🛝			Chec	ked by		

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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 MIDCO EXPLORATION, 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 RAMSEY #2 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:11/09/2015
Signature: <u>Du Doy</u> Title: <u>Vice-President</u>

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.