Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	st:				(See Instruc	ctions on Re	verse Side	9)				
√ o	pen Flo	w		Took Dat				ADL	No. 15			
D	Deliverability			Test Date: 7/16/2013					No. 15 - 20577-000 1			
	Company MIDCO EXPLORATION, INC.				Lease TODD OWW					#1	Well Number	
County COMA	County Location COMANCHE C NW NW			Section 3		TWP 33S			W)		Acres Attributed	
Field NESCA	TUNG	A SW	_	Reservoir PAWNEE / ALTAMO		MONT	ONT		ering Conne	ection		
•	Completion Date 11/19/1999				Plug Back Total Depth 5130			Packer Set at				
Casing 9	Casing Size Weight 4.5 10.5			Internal 4.052	Diameter	Set	Set at		Perforations 5060			
Tubing 5 2.375	Tubing Size Weight 2.375 4.7						at :5	Perfor	ations	То	·	
Type Completion (Describe) ngled (GAS)			Type Fluid Production WATER				Pump Unit or Traveling Plunger? Ye PUMPING UNIT			es / No		
Producing Thru (Annulus / Tubing) CASING				% Carbon Dioxide				% Nitroge		Gas Gr	Gas Gravity - G	
Vertical Depth(H) 5089				Pressure Taps FLANGE						(Meter 2"	Run) (Prover) Siz	
Departure	n Davilelan	7	/15	n 13 -	10:00	/ALD /DLD	T-1	7/16		13 _{at} 10:0	0 (410 (510	
											. , , ,	
Well on	Line:	Started/	/162	0 <u>13</u> at	10:00	_ (AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVI	ED SURFAC	E DATA			Duration of Shut-		
Static / Orifice Dynamic Size Property (inches)		e Prover Press	Differential in	Flowing Temperature t	Well Head	cad Casing Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Ouration (Hours)	Liquid Produced	
Shut-In	-	psig (Pm	Inches H ₂ 0	<u> </u>	1	psig	psia	psig	psia			
Fłow	-				 	110						
					FLOW ST	REAM ATTE	RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	eter or Extension		ivity ctor :	Temperatu-re		eviation Metered Flow Factor R F _{pv} (Mcfd)		GOR (Cubic Fe Barret)		
		·										
<u> </u>			1	(OPEN FL	OW) (DELIV	VERABILITY	') CALCUL	ATIONS		(5)	2 200-	
(P _c) ² =		_: (P _w) ²	=:	` P _a =			, P 14.4) +		:	-	1 ² = 0.207 1 ² =	
$(P_c)^2 - (P_s)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _*) 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		LOG of formula 1. or 2.		Backpressure Curv Slope = "n" or Assigned		og	Antilog	Open Flow Deliverability Equals R x Antili	
(6'	\. q,		avided by: P _c ² -P _w	and divide z by:	P _c ² P ₂ ²		ard Slope		_ L _ J		(Mcfd)	
Open Flo	ow		Mcfd @ 14	65 psia		Deliverat	oility			victd @ 14.65 ps	ia	
									e above repor		as knowledge of	
the facts	stated th	nerein, and that :	said report is trui	e and correc	ct. Executed		11th		ration,		, 20 ¹³	
		Witness	(if any)	<u> </u>		-	1.11000	Tribio		ompany	KCC W	
		For Corn	mission						Check	ked by	NOV_22	
									Grieci	uj	RECE	
											· /L/\[

exempt status un and that the fore correct to the be of equipment ins I hereby req	der penalty of perjury under the laws of the state of Kansas that I am authorized to request or noted Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC. Regoing pressure information and statements contained on this application form are true and state of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC.
I further agr	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 et to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 11/11	Signature:
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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.