KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	:			(See Instructi	ions on Rev	0130 014	e)			
	en Flow liverabilty			Test Date	» 09/23	3/2014		API	No. 15 - 00	7-01,085-0	0000
Company	/ Exploration	an Inc			· · · · ·	Lease Graves		11-1+			Well Number
County	· ·	Locatio		Section		TWP	Gas	RNG (E/	W)	#2	Acres Attributed
BARBEI Field	₹	C NW N	IE 	33 Reservoir		348		12W Gas Gat	hering Conn	ection	****
HARDTI				MISSIS	SIPPI			ONEO	< -		
Completic 3/1/57	on Date			4820	k Total Depti	n 		Packer S	iet at		
Casing S 5 1/2	IZO	Weight		Internal [Diameter	Set at 4845		Perfo 4709	rations 9	то 4714	
Tubing Si 2 3/8				Internal Diameter		Set at 4772		Perforations		То	
	npletion (D			Type Flui	d Production		•		it or Traveling	Plunger? Yes	/ No
Producing	Thru (An	nulus / Tubing))	WATE	R arbon Dioxid	ie .		PUMP % Nitrog	ING UNIT	Gas Gr	avity - G
TUBING	3		,	.195%	.195%			.89%		Gas Gravity - G ₉ .7224	
Vertical D	epth(H)				Press FLAN	sure Taps IGE				(Meter I 2"	Run) (Prover) Size
Pressure	Buildup:	Shut in 09/	/222	0 <u>14</u> at_1	LO:00	(AM) (PM)	Taken	09/23	20	14 at 10:0	0- (AM) (PM)
Weil on L						-				at	
_					ORSERVE	O SIIREACE	DATA			Direction of Chick	. 24 Hours
Static /	Orifice	Orifice Circle one: Pressure Flowing		Flowing	OBSERVED SURFACE		ng	Tubing		Duration of Shut-	iiinours
Dynamic Property	Sıze (inches)	Meter Prover Pressure psig (Pm)	Differential on Inches H ₂ 0	Temperature t	Temperature t	Wellhead F (P _w) or (P ₁) or (P _c)	(P _w) or	Ad Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		paig (r m)	niches H ₂ 0			psig 40	psia	psig	psia		
Flow		 				10	· · · · · ·	+			
		1			FLOW STR	EAM ATTRI	BUTES	J			·l
				Grav	ntv	Flowing	Dev	viation	Metered Flov	v GOR	Flowing
Plate Coefflec (F _b) (F Mcfd	ient p) Pro	Circle one Meter or over Pressure psia	Press Extension ✓ P _m x h	Faci	tor Te	emperature Factor F _{ft}	F	actor F _{pv}	R (Mcfd)	(Cubic Fe Barrel)	et/ Gravity
Coeffiec (F _b) (F	ient p) Pro	Meter or over Pressure	Extension	Fact	tor Te	Factor	F				Gravity
Coefflec (F _b) (F Mcfd	ient p) Pro	Meter or over Pressure	Extension	Fact F _g	DW) (DELIVE	Factor F ₁₁	F	-ATIONS		Barrel)	Gravity G _m 2 = 0.207
Coeffiec (F _b) (F	: 	Meter or over Pressure psia $(P_w)^2 = $ $P_c)^2 - (P_w)^2$	Extension	Fact F _d (OPEN FL(P _d = LOG of formula 1 or 2. 1 and divide	DW) (DELIVE	Factor F ₁₁ ERABILITY) (a) (P _c Backpress Slope Assi	CALCUI - 14.4) - sure Curve 3 = "n"	ATIONS	(Mefd)	Barrel)	Gravity G _m 2 = 0.207
Coeffiec (F_b) (F $F_b)$ (F	: 	Meter or over Pressure psia $(P_w)^2 = $ $P_c)^2 - (P_w)^2$	Extension P _m x h : : : : : : : : : : : : :	Fact F _d (OPEN FL(P _d = LOG of formula 1 or 2. 1 and divide	DW) (DELIVE	Factor F ₁₁ ERABILITY) (a) (P _c Backpress Slope Assi	CALCUI - 14.4) + sure Curve = = "n" or gened	ATIONS	(Mefd)	(P _a)	Gravity G _m 2 = 0.207 2 = Open Flow Deliverability Equals R x Antilog
Coefflec $(F_b) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F$: : : : : : : : : : : : : : : : : : :	Meter or over Pressure psia $(P_w)^2 = $ $P_c)^2 - (P_w)^2$	Extension P _m x h : : : : : : : : : : : : :	(OPEN FLC P _d = LOG of formula 1 or 2. and divide by	DW) (DELIVE	Factor F ₁₁ ERABILITY) (a) (P _c Backpress Slope Assi	CALCUI - 14.4) + sure Curve 3 = "n" or gned rd Slope	ATIONS	(Mefd)	(P _a)	Gravity G _m 2 = 0.207 2 = Open Flow Deliverability Equals R x Antilog (Mefd)
Coefflec $(F_b) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F$:	Meter or over Pressure psia $(P_w)^2 = \frac{C}{P_c}$ $\frac{C}{P_c}$ d authority, on	Extension Pmxh : Choose formula 1 or 2. 1. Pc-Ps 2. Pc-Ps wided by, Pc-Ps Mcfd @ 14.	(OPEN FLC Pd = LOG of formula 1 or 2. and divide by 65 psia Company, s	DW) (DELIVE % Pc²-Pw²	Factor F _{tt} ERABILITY) Backpress Slope Assi Standa Deliverabil	CALCUI - 14.4) + sure Curve 3 = "n" or gned rd Slope	ATIONS 14.4 = n x l	(Mefd)	(P _a):	Gravity G _m 2 = 0.207 2 = Open Flow Deliverability Equals R x Antilog (Mcfd)
Coefflec $(F_b) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F$:	Meter or over Pressure psia $(P_w)^2 = \frac{C}{C}$ $(P_w)^2 = \frac{C}{C}$	Extension Pmxh : Choose formula 1 or 2. 1. Pc-Ps 2. Pc-Ps wided by, Pc-Ps Mcfd @ 14.	(OPEN FLC Pd = LOG of formula 1 or 2. and divide by 65 psia Company, s	DW) (DELIVE % Pc²-Pw²	Factor F ₁₁ ERABILITY) G (P ₂ Backpress Slope Assis Standa Deliverabil e is duly aut this the 6th	CALCUI - 14.4) + sure Curve 3 = "n" or gned rd Slope	ATIONS 14.4 = n x l	(Mefd) .og	(P _a) Antilog Mofd @ 14.65 psi	Gravity G _m 2 = 0.207 2 = Open Flow Deliverability Equals R x Antilog (Mcfd)

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I declare under penalty of perjury under the laws of the state of Kansas that I am a	uthorized to request
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATI	ON, INC.
and that the foregoing pressure information and statements contained on this application	on form are true and
correct to the best of my knowledge and belief based upon available production summario	es and lease records
of equipment installation and/or upon type of completion or upon use being made of the ga	s well herein named.
I hereby request a one-year exemption from open flow testing for theGRAVES #1	1
gas well on the grounds that said well.	;
	1
(Check one)	1
ıs a coalbed methane producer	* }
is cycled on plunger lift due to water	t
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	
	. 1
I further agree to supply to the best of my ability any and all supporting documents d	leemed by Commission
staff as necessary to corroborate this claim for exemption from testing.	
	1
Date: 10/06/2014) (
	1
	•
	· ·
months of	
Signature:	
Title: Earl J. Joyce, Jr., Vice-President	,
	:
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Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-13-304, 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 manrier 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