Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type les	t:					(See msnuc	Jiions on ne	varsa side	"					
Op	en Flo	w			Test Date				ADI	No. 15				
De	liveral	bilty			rest Date	s.			187	. <u></u> วีดว	84-00	y- C)(
Company	,						Lease		101	000		Well Nu		
Oompan,		юb	o Prod	uction				ller		1				
County Location				Section		TWP		RNG (E/W)		. Acres Attributed				
Sherman N/2 NE NW				4		8S		39W						
Field N/Z NE NW			Reservoi	r		Gas Gathering C			ction					
Goodland				Niot	orara				KN					
Completio	on Dat	е				k Total Dept	h		Packer S	Set at				
6/11	/91				1	148'								
Casing Size Weight			ht	Internal C	Diameter	Set at		Perforations		То				
4.5							<u>964 '</u>		994 '					
Tubing Size		Weig	ht	Internal Diameter		Set at		Perforations		То				
Туре Соп	•	-			Type Flui	d Production	ו		Pump U	nit or Traveling	Plunger? Yes /	No		
Sing														
Producing	g Thru	(Ann	ulus / Tubing	1)	% Carbor	n Dioxide			% Nitrog	en	Gas Gr	avity - G	à g	
											<u> </u>			
Vertical D	epth(1)				Press	ure Taps				(Meter F	łun) (Pr	rover) Size	
••														
Proceure	Buildi	ın. :	Shutin 7	/6 19	99at 8	3:00	ÄM) (PM)	Taken	7/7	19	99 at 8:00	X	(X M) (PM)	
11633416	Danae													
Well on Li	ine:	5	Started	19	3at		(AM) (PM)	Taken		19	at	((AM) (PM)	
<u> </u>						 					,		,	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	<u>in</u>	Hour	
I		Orifice Circle one Size Prover Pres		Pressure	Flowing	Flowing Well Head		Casing		Tubing	0	 		
				Differential ure in (h)	Temperature		I Wellhead Pressure		Wellhead Pressure (P _w) or (P _t) or (P _c)		Ouration Lic (Hours)		uid Produced (Barrels)	
Property	inches		psig	Inches H ₂ 0	t	t	psig psia		psig psia		(**************************************			
Shut-In							30							
Shurin						<u> </u>	30					┼	·	
Flow														
_			•	1		FLOW STR	REAM ATTR	IBUTES						
·			Cimle one:	T	T								Flowing	
Plate Coeffiecient		Circle one: Meter or.		Press Extension	Press Gravi		Flowing Temperature		iation Metered Flow		GOR (Cubic Fe		Fluid	
(F _b) (F _p)		Prover Pressure		√ P _m x H _m	Fac	tor	Factor		actor F _{pv}	R (Mcfd)	(Cubic Fe	ev	Gravity	
Mcfd		psia		\ \ \ m^*'\w	``	•	F,,		ρv	(,		G _m	
	E		 	1		l							L	
					(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	.ATIONS			$^2 = 0.2$	07	
(P _c) ² =		:	(P _w) ² =	::	P _d =		% (f	- 14.4) ۱	- 14.4 = <u> </u>	:	(P _a)	<u>' =</u>		
				Choose formula 1 or 2	1	ГП	Backpre	ssure Curve	9	rэ		Or	en Flow	
(P _c) ² • (P _a) ²				1. P _c ² · P _a ²	LOG of formula			pe = "n"	nх	LOG	Antilog	Deliverability		
or (P _c)² - (P _d)²				2. P _c ² • P _d ²	1. or 2. and divide	D2-D2	Assigned		-		riting		Equals R x Antilog	
	•			divided by: Pc P a		P _c ² - P _u ²	Stand	ard Slope					Mcfd	
	·						-		-					
Open Flow	,	Mcfd @ 14.65 psia					Deliverability		McId @ 14,65,psia = 1 V = D					
- •											11 1-69/	home I V	E-D	
The u	ndersi	gned	authority, or	behalf of the C	ompany, sta	tes that he is	s duly autho	rized to ma	ake the ab	ove report and	that he has know	ledge d	rine lacis	
								day o		Decembe			19699 .	
iaieo ther	ein, ar	ia tha	n said report	is true and corre	oci. ⊏xecute	ru uns 1710 🍱		uay 0	1) /)	1 INEC	<u>e û</u> .]	777	
									Adli	e for	ders			
			Witness	if any)		<u>.</u>	-	1	10 m	For C	compan Conserva			
								V			Wichit	a, Kan	isas	
			For Com	mission	*		-			Chec	ked by			

I declare under penalty or 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 Lobo Production, Inc. and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named. I hereby request a permanent exemption from open flow testing for the Koller 1 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. X is incapable of producing at a daily rate in excess of 150 mcf/D
Signature: <u>falu fades</u> Title: <u>Owner/Operator</u>

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.