Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instruc	tions on Rev	erse Side,)				
Op	 en Flo diverat				Test Date	:	•		API	No. 15	156-0)O-C	Ö
Company	,			<u> </u>			Lease					Well Nur	
		ro	duction	i, Inc.		Ci	ity of	Good	land		1-8		
County	<u>, </u>	LU	Locati		Section		TWP		RNG (E	:/W)	•	Acres At	tributed
-	rma	n	NW	NU	8		8S		391	J			
Field	LIIIG		IVW	11 W	Reservoi					hering Connecti	on		
Goo	dla [.]	nd		NT d	obrara					KN			
Completic			<u> </u>		Plue Bac	k Total Depth	 }		Packer S	Set at			
	12-					211'	•						
		03	Maiah	4	Internal D		Set at	·	Perio	orations	То		
Casing Si		Weight 9 • 5#			(illerial blamoter		1246 'KB		1086'		1102'		
4.5 Tubing Size					Internal Diameter		Set at		Perforations		То		
lubing Si	ıze		Weigh	t	milema L	nameto:	00. 0						
					Tues Elui	d Production			Pump II	nit or Traveling P	lunger? Yes /	No	
Type Con	•		•		Type Flui	a Production	l		, amp c	int or mavoining.	iongor		
Sing						B1. 14.			% Nitrog	· · · · · · · · · · · · · · · · · · ·	Gas Gr	avity - G	
Producing	g Thru	(Ann	ulus / Tubing)		% Carboi	Dioxide			76 INITIOS	Jen		- '	9
Casi	ng										0.6	0	
Vertical D		1)		· · · · · · · · · · · · · · · · · · ·		Pressu	ure Taps				Mena		over) Size
1102	. •											2"	
			7/	6	99 8	• 0.0	XX.,	7 /	7	199	9 24 8 • 00	N.	AM) (PM)
Pressure	Buildu												
Well on L	ine.	9	Started	. 19	at		(AM) (PM)	Taken	.,,	19 _	at	(/	λM) (PM)
						OBSERVE	D SURFACE	DATA		D	uration of Shut-	in	Hours
			Circle coe:			1	T			Tubing		T	
Static / Orifi		te Prover Press		Pressure Differential ure in (h)	Flowing Well Hea Temperature t		Moliboad Proceura		Wellhead Pressure (P _w) or (P _t) or (P _c)				uid Produced (Barrels)
Shut-In							23						
Silut-III												 	•
Flow				1									
					<u> </u>	ELOW STE	EAM ATTRI	BUTES					
	—					FLOW SIR	EAMAIIN	DOILS		<u> </u>			Florida
Plate	Plate		Circle one:	Press	Grav	vity _	Flowing	Dev	iation	Metered Flow	GOR		Flowing Fluid
	Coefficient		Meter.or over Pressure	Extension	Extension Fac		femperature Factor	Facil		R	(Cubic Fe		Gravity
	(F _b) (F _p) F		psia	√ P _m x H _w	√P _m xH _w F ₀		F _i		pv	(Mcfd)	Barrel)	1	G _m
Wiciu	·												
												l	
					/ODEN EL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(5.)	2 001	7
					•	• •					(P _a) (P _d)	² = 0.20	,,
(P _c) ² =		<u> : </u>	(P _w) ² =		P _a =		% (Р	_c - 14.4) +	14.4 = _	 :	(1-0)	-	
				Choose formula 1 or 2.	LOG of	Γ		sure Curve		רחו	•	Op	en Flow
(P _c) ² - (I	P.)2	(F	° _c)² - (P _w)²	1. P _c ² · P _a ²	tormula		Slop	e = "n"	n x	LOG	Antilog		verability
(P _a) ² - (I	P.)2			2. P _c ² -P _d ²	1. or 2. and divide	P _c ² - P _y ²		igned					R x Antilog Mcfd
\' c' \'	' a'		. }	divided by: $P_c^2 - P_w^2$	by:	<u> </u>	Standa	ard Slope					
										1		1	
						 			_			 	
	l						1					<u> </u>	
		110405					Dalius salaili		Mcfd @ 14.65 psia				
Open Flov	<u> </u>			Mcfd @ 14.6	i5 psia		Deliverabil	ity	 				
-		•	معالية المسافية	habalf of the C	omoony eta	tee that he is	duly author	ized to ma	ke the at	oove report and t	hat he has know	Hedge o	The lacts
i ne u	ungers	ignec	autnority, on	benan of the C	unipany, sia	les mai ne is	duly dullion	,200 10 1110			ST. CURPURA	HOMIC)MM/1001U
stated the	rein a	nd the	at said report	is true and corre	ect. Execute	ed this the _	23	day o	1D	ecember		<u></u>	19 <u>99</u> . 959
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							_		Blu	v sa	der		
			Witness (f any)			_		_	For Co.		ation [Division
						. <u> </u>	_					ta, Kar	
			For Comm	nission			_			Checke	ed by	, , , , , , , , , , , , , , , , , ,	

and that the best tion and/	status under Rule K.A.R. 82-3-304 on behalf of the operator Lobo Production, Inc. the foregoing information and statements contained on this application form are true and correct to of my knowledge and belief based upon gas production records and records of equipment installator of type completion or upon use of the gas well herein named. eby request a permanent exemption from open flow testing for the City of Goodland 1-8 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 incapable of producing at a daily rate in excess of 150 mcf/D
Date:	12/23/99
	Signature: <u>falu fauder</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.