Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

T		OIL	e i olivi o		(See Instru	ctions on Re	verse Side))					
Type Test					000								
	Open Flow Test Date:						API:No. 15						
De	Deliverabilty						181-20225-00-00						
ompany						Lease					Well Number		
Lobo	Pro	oduction	n, Inc.			Arm	stron			· · · · · · · · · · · · · · · · · · ·			
ounty Location		Section		TWP		RNG (E/W)		, Acres Attributed					
hern	nerman C-NW-NW 12			<u>8S</u>		391							
eld			Reservoir					hering Connec	ction				
Goodland			Niobi			KN Packer Set at							
ompletic		_			Total Dept	th		Packer :	Set at				
5/27/82			1031'		- Cat 4		Pode	rations	То		-		
asing Size Weight			Internal Diameter			Set at 1067 !		930'	950'				
4.5			Internal Diameter					orations	То				
bing Si	Z Q	Weig	ght	internal D	iameter	361 6	21						
0	- detice	(Deceribe)		Type Fluid	d Productio	<u> </u>		Pump U	nit or Traveling	Plunger? Yes	/ No		
		(Describe)		Type Fluid	i roduciio	••				•			
ing	Le G	as Appulus / Tubin	<u> </u>	% Carbon	Dioxide			% Nitrog	jen .	- Gas Gr	ravity - G		
oducing Thru (Annulus / Tubing)			,5 G						0.6				
dical D	epth(H)			,	Press	sure Taps					Run) (Prover)	Size	
iticai D	epui(i i)												
			1.6	00 0	- 00		7	17		99. 8.00) X ₁ X ₁ X ₁ X ₁		
essure	Buildup:	Shut in/	<u>/ 6</u> 1	99 at 8	:00	_ (AM) (PM)	Taken/		19	99 _{at} 8:00	(PAM) (PM)	
ell on Li	ne.	Started	19	at		_ (AM) (PM)	Taken		19	at	(AM) (PM)	
													
					OBSERV	ED SURFAC	E DATA			Duration of Shut	-in	Hours	
	·	Circle one.	Pressure			Cas	sing		Tubing				
tatic /	Orifice	Meter of	1	Flowing Well Hea		Wellhead Pressure			ead Pressure	Duration	, -	Liquid Produced	
namic	Size inches	Prover Pres		t t	•	(P _w) or (I	P ₁) or (P _c)		or (P ₁) or (P _c)	(Hours)	(Darreis	(Barrels)	
70,		psig	Inches H ₂ 0			psig	psia	psig	psia		 		
nut-In		ļ				19					<u> </u>		
low											1		
iow				<u></u>		ᆚ		<u> </u>			<u> </u>		
					FLOW ST	REAM ATTR	IBUTES		<u> </u>				
Plate Circle one: Press			Grav	Gravity _		Flowing Deviation		Metered Flow	, GOR		Flowing Fluid		
oeffieci		Meter of Prover Pressure	Extension	Factor		Temperature Factor		ctor	R	(Cubic Fe	ev G	Gravity	
(F _b) (F _i Mcfd	,)	psia	√ P _m x H _w	F,		F,	F	pv	(McId)	Barrei	•	G _a	
17.010	-				 	····							
									<u></u>				
				(OPEN FLO) (DELI	VERABILITY) CALCUL	ATIONS		(P.)	$)^2 = 0.207$		
) _c) ² =		: (P _w) ²	•			6 (P _c - 14.4) + 14		:	(P _d)				
<u>' - —</u>		. (, , /	Choose formula 1 or 2			<u></u>	ssure Curve		<u> </u>		Open Flow		
(P _c)² - (F	2)2	(P _c)² - (P _w)²	1. P.2 - P.2	1. P2. P2 LOG of			pe="n" nx		LOG		Open Flow Deliverability		
or (P _c)2 • (F	•		2. P.2. P.2	formula 1. or 2.			- or signed	" ^		Antilog	Equals R x Antilog		
P _c)3 - (F	,0)2		divided by: P.2 - P.	and divide by:	P,2 - P,3		lard Slope		F 7		Mcfd		
				 									
											 		
·				Dave 11	Name of the state				65 RSID CEIVED				
en Flow	<u> </u>		Mcfd @ 14.6	5 psia		Deliverabi	inty			AT AABAA	BATION COL	ภักเรา	
The !!	ndersio	ned authority. o	n behalf of the C	ompany, stat	es that he	is duly autho	rized to ma	ke the at	ove report and	that he has know	wiedge of the	lacts	
u								. Dec	ember	ח	EC 2. 0/19	99	
ed ther	ein, and	that said repor	rt is true and corr	ect. Execute	d this the _		day of	7/	1	0 0 1	1.4. €2.43.		
								Ka	hur S	a desa	niesiaa Di	مأجانين	
		Witness	s (if any)			•		190	For	Company COMS	ervation Di ichita, Kan	MOIS S2S	
							4	V		W	icilia, Nali		
		For Cor	mmission			•			Che	cked 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 Armstrong 1-12 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:

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.