Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:	:				(See Instruc	tions on Rev	erse Side))					
Оре	en Flov	N		T 0-4-		5		No. 15	_		•		
Del	iverabi	ilty		Test Date:				181-20238-00-00					
Company						Lease			<u>, , , , , , , , , , , , , , , , , , , </u>		Well Nu		
	P۳	oduction	. Inc.			Arms	trong	1-11					
Lobo Production, Inc. County Location			Section		TWP		RNG (E/W)		. Acres Attributed				
Sherman C NW NW			11		8 <u>S</u>	39							
ield				Reservoir	•			Gas Gat	hering Connect	ion			
				liobrai	ca			<u>KN</u>					
Completion Date					k Total Depti	n Packer Set at		Set at					
2-10	-83			1()31'								
Casing Size Weight			Internal Diameter		Set at		Perforations		То				
4.5 9.5#			4.09		1031		996 1		1010 '				
Fubing Size Weight			Internal D	liameter	Set at		Perforations		10	10			
voe Com	pletion	(Describe)		Type Flui	d Production	<u> </u>		Pump Ur	nit or Traveling F	Plunger? Yes /	No		
Sing													
Producing Thru (Annulus / Tubing)				% Carbor	% Carbon Dioxide			% Nitrog	en -	Gas Gravity - G			
Casing											0.60		
Vertical Depth(H) Pressure										MANAX		over) Size	
1003											2"	Meter F	
		o: Shut in	/13 X	X 0.0 at 8	:00_	(XM)(PM)	Taken	11/14	1X H9 ().	O_ at _8:00	(AM)(PM)	
1633016 1	Danaaj					1 /						AM) (PM)	
ell on Li	ne:	Started	1	9at		(AM) (PM)	1aken		19 .	at			
					OBSERVE	D SURFACI	E DATA		[Duration of Shut-	<u>in</u>	Hours	
Static / Ori Dynamic Si Property inc		Circle one:	Pressure	Flowing Temperature t	Well Head	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _c) psig psia		Duration	Liqui	Liquid Produced (Barrels)	
		<i>Meter</i> or	Differential							(Hours)	1		
		psig	ure in (h) Inches H ₂ 0		t								
			-										
Shut-In				ļ		26		<u> </u>					
Flow											<u></u>		
					FLOW ST	REAM ATTR	BUTES						
Plate		Circle one:	Press	Gra	itu	Flowing	Dev	iation	Metered Flow	GOR		Flowing	
Coeffiecient		Meter.or	Extension	Fac	tor Temperature		Deviation Factor		R	(Cubic Fe	et/	Fluid Gravity	
(F _b) (F _p)		Prover Pressure psia	√P _m ×H _w	F		Factor F ₁ ,	f	Pν	(Mcfd)	Barrel)	G _m		
Mcfd		psia	 			- 11							
									<u> </u>		<u> </u>		
				-		/ERABILITY					² = 0.2	07	
c) ² =		_: (P _w) ² :	:	P _d =		% (F	° _c - 14.4) +	14.4 =	 :	(P _d) ²			
		(2.10.42.10	Choose formula 1 or 2	LOG of	ГЛ		ssure Curve	•	ר א ו	•		en Flow	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _c)² • (P _w)²	1. P _c ² ·P _a ²	formula		Slope = "n" or Assigned Standard Slope		n x	LOG	Antilog	Deliverability Equals R x Antilog Mcfd		
			2. P _c ² · P _d ²	1. or 2. and divide	P _c ² - P _u ²			İ					
			divided by: Pc2 - P	2 by:	<u>L </u>	Stand	ard Slope				-		
											-		
_					· · · · · · · · · · · · · · · · · · ·						<u> </u>		
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia							
The	nderei	oned authority o	n behalf of the C	ompany, sta	ites that he i	s duly author	rized to ma	ake the at	ove report and	that he has know	vledge (of the facts	
						15		_	cember			1XOO	
ated there	ein, an	d that said repor)	day o	i Dec	4 -			101 00 ·	
			\$	TATE CORP	ORATION CO	MMISSION	(ph	in The	deri			
		Witness	(if any)			-		1	For C	ompany			
		***************************************		UE	5 1921	000							
		For Con	nmission						Check	ked by			

CONSERVATION DIVISION

exempt status und and that the foreg the best of my kn tion and/or of type I hereby reque	er penalty or perjury under the laws of the state of Kansas that I am authorized to request the Rule K.A.R. 82-3-304 on behalf of the operator <u>Lobo Production</u> , <u>Inc.</u> going information and statements contained on this application form are true and correct to owledge and belief based upon gas production records and records of equipment installate completion or upon use of the gas well herein named. Sest a permanent exemption from open flow testing for the <u>Armstrong 1-11</u> Frounds that said well:
(Check	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: 12/15/	Signature: <u>Shashara</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.