Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

RECEIVED

Type Tes	it:					(See Instruc	ctions on Re	averse Side)			R.	1 A B B B B	
Open Flow										N- 45		Į.	IAR 072	
Deliverabilty				Test Date	Test Date:				No. 15 R 1 _ 2	_0000	KCC WICH			
Company				 	Lease				181-20308-0000			Well Number		
	-)ro	ductio	n Inc				lman	4-33			4 – :	33	
Lobo Production, Inc. County Location					Section		TWP		RNG (E/W)		. Acres Attributed			
She	erma	an:	NW-	SE-SW	33	· .	7s_		39		 			
Field					Reservoi					hering Connect		, v.		
			Gas F	ield		orara	 			o Produ	ction,	Inc.		
Completi					- .	k Total Dept	n		Packer S	et at	•			
	21/(<u> </u>		ht	Internal I		Set	at	Perfo	rations	То			
Casing Size Weight 4.5" 10.5 lbs			miorial Diamoio.		1162'		992'		1002'					
Tubing Size Weight			Internal [Diameter	Set at		Perforations		То					
Type Cor	npletic	on (De	escribe)	•	Type Flu	d Production)	-	Pump Ur	nit or Traveling F	Plunger? Yes	/ No	·	
Sir	qle	e G	as									NO		
Producin	g Thru	(Anr	ulus / Tubing	9)	% Carbo	n Dioxide			% Nitrog	en	Gas G	ravity - (3,	
Anr	ահ	1S_										.59		
Vertical D	epth(H)				Press	ure Taps				•		rover) Size	
			180'							· • · · · · · · · · · · · · · · · · · ·			eter Ru	
Pressure	Build	ıb:	Shut in $\frac{2}{}$	/3/031	9 <u>at 8</u>	:00	(AM) (PM)	Taken _2	1/4/03	19	at 8:00	((AM) (PM)	
Well on L	ine:	,	Started	1!	9 at		(AM) (PM)	Taken		19	at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			uration of Shut	-in	Hours	
Dynamic S		itice Circle one: Meter or Prover Press		1	Flowing Temperature t	Well Head Temperature t	mperature Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration Liquid Produ (Hours) (Barrels)			
		psig		Inches H ₂ 0			psig psia		psig psia					
Shut-In						·	15				·····		•	
Flow														
						FLOW STR	EÁM ATTR	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √P _m x H _w	Grav Fac F _c	tor	Flowing Temperature Factor F ₁₁	Fa	iation ctor pv	Metered Flow R (Mcfd)	(Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
/D \2			/D \2		•	OW) (DELIV) CALCUL 2 - 14.4) +			(P _a)	$0.2^2 = 0.2$	07	
(P _c) ² =		<u></u> -	(P _w) ² =	Choose formula 1 or 2.	P _d =		· · · · · · · · · · · · · · · · · · ·		T	 :	\' d	T		
$(P_c)^2 - (P_a)^2$		(P _c)² - (P _w)²		1. P _c ² -P _a ²	LOG of		Backpressure Curve Slope = "n"or Assigned		n x LOG			,	Open Flow Deliverability Equals R x Antilog	
or (P _c) ² - (P _d) ²				2. P _c ² - P _d ²	formula 1. or 2.						Antilog			
(6 (1	ه'			divided by: Pc - Pw	and divide by:	P _c ² - P _w ²		ard Slope					Mcfd	
					`							<u> </u>		
Open Flow	j : (-1 -	٠,٠,	in set to	Mcfd @ 14.6	5 psia		Deliverabi	lity		Мс	fd @ 14.65 psi	a		
The u	nders	igned	authority, on	behalf of the Co	ompany, stat	es that he is	duly autho	rized to ma	ke the abo	ove report and th	nat he has know	vledge o	f the facts	
tated there	eiņ, ar	nd tha	t said report	is true and corre	ct. Execute	d this the	4th	day of	Marc	h			19 03	
									Dorh so	Sum	luc			
	***		Witness (if any)			-	(JU IVI I	For Con	npany			
			,	**									. ;*•	
			For Comr	nission			-			Checke	d by			

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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 <u>Lobo Production</u> , <u>Inc.</u> 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 <u>Kuhlman 4-33</u> 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
Date: 3/4/03
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.