Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				IADILIZ		ctions on Rev	erse Side,	,			
= '	en Flo				Test Date	ə:			API	No. 15		
De	liverat	oilty								181-5	<u> </u>	W.00
Company		د ـ .		Tno			Lease	nstro	nø	•	1-12A	Well Number
County	Pr	·oa	uction Loca		Section		TWP	10 01 01	RNG (E			Acres Attributed
Sherm	nan			SW-NW	12		8S		4(
Field		_			Reservoi				Gas Ga	hering Conne	ction	
Goodl			·		Niobi				Daalaa	KN		
Completic					_	k Total Dept	n		Packer :	50t at		
11/13/83 Casing Size			Weight		Internal Diameter		Set at		Perforations		То	
4.							130			163'	1190	
Tubing Si	20		Weig	ht	Internal D	Diameter	Set a	l	Perto	orations	То	
Type Com	•	•	•		Type Flui	d Production	n		Pump U	nit or Traveling	Plunger? Yes	/ No
			ulus / Tubing	3)	% Carbon	n Dioxide			% Nitrog	jen .	Gas Gr 0 • 6	avity - G _g
Vertical D	epth(H	1)				Press	ure Taps			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	` ~ 11	Run) (PXXXX) Size Meter Run
Propoura	Duilde	o: '	Shut in	11/13 X	X00 at	8:00	(AM (PM)	Taken 1	1/14	339	< <u>00</u> at <u>8;0</u>	
Well on Li											at	
·						OBSERVE	D SURFACE	DATA			Duration of Shut-	in Hour
Static / Dynamic Property	Orifi Size inch	Prover Pressure		Pressure Differential in (h) Inches H ₂ 0	Flowing Well Heat Temperature t		wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig	inches H ₂ O			psig 23	psia	psig	psia		
Flow												
						FLOW STR	REAM ATTRI	BUTES				
Plate Coefficient (F _p) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x H _w	Gravity Factor F _e		Flowing Deviating Temperature Factor Factor F _{pv}		tor R		y GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G
					(OPEN FL	OW) (DELIV	ERABILITY)					2 = 0.207
(P _c) ² =		_:_	(P _w) ² =				% (P _c	- 14.4) +	14.4 = _	 :-	(P _d)	` <u> </u>
(P _c) ² - (P _c) or (P _c) ² - (P _c)	(a)2	(P	_c)² - (P _w)²	1. P _c · P _e 2. P _c · P _d divided by: P _c · P _d	LOG of formula 1. or 2.	P.2. P.3	Slope	sure Curve e = "n" or gned rd Slope	n x	roe	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
Open Flow Mcfo			Mcfd @ 14.6	5 psia	Deliverability			Mcfd @ 14.65 psia				
· ·		hann	authority on	behalf of the Co	ompany stat	tes that he is	duly authori	zed to mai	ke the ab	ove report and	that he has know	ledge of the facts
				is true and corre	ect. Execute	RECEIVE	4.5	day of	Dece		Pers	x w 0.0
			Witness ((if any)			_	-	TVIL.	For	Company	
	_			mission	<u>D</u>	tC 19	2000 _			Char	ked by	

	e under penalty or perjury under the laws of the state of Kansas that I am authorized to request
	tus under Rule K.A.R. 82-3-304 on behalf of the operator Lobo Production, Inc.
	e foregoing information and statements contained on this application form are true and correct to
	my knowledge and belief based upon gas production records and records of equipment installa-
	of type completion or upon use of the gas well herein named.
	y request a permanent exemption from open flow testing for the <u>Armstrong 1-12A</u>
gas well on	the grounds that said well:
Ī	(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
	$\overline{ \chi }$ is incapable of producing at a daily rate in excess of 150 mcf/D
Date: 12)	/15/00
Date	,
•	·
	Signature: physical experience of the same
	Title: Owner/Operator
	THIS

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.