

## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

MAR 0 7 2003

Type Tes	st:					(See Instru	ıctions on Rev	erse Side	<i>)</i>		[6	CC W.C.	_11=	
	pen F	low			Total Day				40	1 No. 45		700 001001	uUu	
D	elivera	bilty			Test Dat	e:				1 No. 15 31 – 2031 2	2_0000			
Company							Lease			31-20312	2-0000	Well Number		
		Pro	ductio	n. Inc.	*		Schie	elds				4-32		
County	,,,,,,		Loca		Section		TWP		RNG (E	<b>E/W</b> )	•	Acres Attributed	<u> </u>	
Sherman SE-SW				32	-32			39W						
Field				Reservo	ir		Gas Gathering Connection			ction		_		
Goo	dla	and	Gas F	ield	Niob	rara_			ī	obo Pro	duciton_	Inc		
Completi			,		-	k Total Dep	th -		Packer					
1/8	<u>3/0</u>	1			11	19'					•			
Casing Size			Weig		Internal i	Internal Diameter		Set at		orations	То			
4.5"				.5 lbs				1152'			1038'			
Tubing Size Weight			Internal I	Diameter	Set at		Perforations		То	10				
Type Cor	npleti	on (D	escribe)		Type Flu	id Productio	าก		Pump U	nit or Traveling	Plunger? Yes	/ No		
Sin								·····		<del></del>	N	0		
Producing	g Thru	ı (Anr	nulus / Tubing	g)	% Carbo	n Dioxide			% Nitro	gen	Gas G	ravity - G <sub>g</sub>		
Ann			<del> </del>								•	.59		
Vertical D	epth(	H)		:		Press	sure Taps				<del>-</del>	Run) (Prover) Siz	18	
T.D	<u> </u>	- 1	160'					·			<u>2" Me</u>	ter Run		
Pressure	Build	up:	Shut in2	/3/03 1	9at _8	:00	AM) (PM)	Taken <u>2</u>	2/4/0	3 19	at _8:00	(AM)(PN	1)	
Well on L	ine:	;	Started	1	9at	· · · · · · · · · · · · · · · · · · ·	(AM) (PM)	Taken		19	at	(AM) (PM	l)	
	·-·····					OBSERV	ED SURFACE	DATA		<del></del>	Duration of Shut-		ours	
Static /	Static / Ori		Circle one:	Pressure	Flowing	Well Head	Casir	Casing		Tubing				
		ze	Meter or Prover Press	Differential		Temperature	Wellhead Pressure		Wellhead Pressure		Duration		Liquid Produced	
Property	incl	hes	psig	ure in (h) Inches H <sub>2</sub> 0	t t	t	(P <sub>w</sub> ) or (P <sub>t</sub>	or (P <sub>c</sub> ) psia	(P <sub>w</sub> ) o	r (P <sub>1</sub> ) or (P <sub>c</sub> )	(Hours)	(Barrels)		
Shut-In							17	poia	paig	pola			$\dashv$	
Flow								•					$\exists$	
						FLOW STI	REAM ATTRI	BUTES					_	
Plate			Circle one: Press		Gravity		Flowing		iation Metered Flow		GOR	Flowing		
	Coefficient		Meter or	Extension	Fac	tor	Temperature	Fac		R	(Cubic Fe	V Fluid		
(F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Prover Pressure psia		√ P <sub>m</sub> x H <sub>w</sub>	F,		Factor F <sub>11</sub>	F	pv	(Mcfd)	Barrel)	Gravity G		
												-	$\dashv$	
			7-7-1	<u></u>	(OPEN EL	OW) /DELIV	/ERABILITY)	CALCUL	ATIONS	<del></del>			لــا	
(P <sub>c</sub> ) <sup>2</sup> =		•	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		•	- 14.4) +		•	(P <sub>a</sub> ) <sup>;</sup> (P <sub>d</sub> )	<sup>2</sup> = 0.207		
· · · · —			· w/ -	Choose formula 1 or 2		<u></u>					(124)		$\neg$	
(P <sub>c</sub> )² - (P	2)2	(P	¿)²- (P_)²	1. P.2-P.2	LOG of			sure Curve	į.		•	Open Flow		
or (P <sub>c</sub> )² - (P	. \2			2. P.2-P.2	formula 1. or 2.		1	)[	nx	LOG	Antilog	Deliverability Equals R x Antik		
(1° <sub>6</sub> ) (1°	ا ''ه			divided by: P.2 - P.	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>u</sub> <sup>2</sup>		gned d Slope				Mcfd	•	
				<del></del>							<del></del>			
				· · · · · · · · · · · · · · · · · · ·			_						$\dashv$	
											· · · · · · · · · · · · · · · · · · ·			
Open Flow			· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14.6	oo psia		Deliverabilit	<u> </u>		N.	lcfd @ 14.65 psia			
The u	ndersi	igned	authority, on	behalf of the C	ompany, stat	es that he is	s duly authoriz	ed to mai	ke the ab	ove report and	that he has know	ledge of the fact	s	
stated there	ain ar	nd tha	t said renort	is true and corr	act Evecute	d this the	4th	day of		March	,	19_03_		
	7411, EAS		. Juiu 10pull	and and con-		~ una ui <del>o</del>	71	uay UI	1	·		, 19_ <del></del> _	• •	
	٠.	· .	** *		11.		_	/	LOAL	r a	nous		•	
			Witness (	if any)		<del></del>		6	7	For C	ompany		<del>-</del>	
	<del></del>		P		· · · · · · · · · · · · · · · · · · ·							,	_	
			For Comm	กเรรเดก						Checl	ed 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 theSchields 4-32 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.