KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:		•		(See Instru	ıctions on Rev	verse Side	?)				
Open Flow												
Deli	iverabilty	,		Test Date	e:			AP	^{1 No. 15} 025	-20, 902	-00-00	
Company						Lease					Well Number	
Cobra (Oil	& Gas (Corporati	ion		Matt	hews	"21"			1	
County		Loca	ation	Section		TWP		RNG (Ξ∕W) .		Acres Attributed	
lark E/2 NESE		21		34S	•	24W		•				
Field				Reservoi	ir				thering Conne			
Color			Chester			Englewood Co			orporation			
Completion				-	k Total Dep	th		Packer	Set at			
7/29/85				5663					<u> </u>			
Casing Siz	e	Weig	int L • 6 #	Internal Diameter 3.995			Set at Pe: 5699		orations	To	2.1	
Tubing Size		Weig		Internal Diameter			Set at				5593'	
2.375	•	•		1.995					orations .5	To 5.5.4	5547 '	
Type Comp	oletion (E		ε • 7 π		id Productio							
Single		,		Dry		11		rump C	Yes	Plunger? Yes	/ NO	
	Thru (Ar	nulus / Tubin	g)	% Carbo				% Nitro		G'ac Gr	ravity - G	
Both									,	.70	0	
Vertical De	pth(H)				Press	sure Taps				(Meter I	Run) (Prover) Size	
5699'				Flange						3.000		
Pressure B	uildup:	Shut in 8/	/26 206	13 at 2	:50 PN	(AM) (PM)	Taken (3/27/	2013	at 12:4	O PM (AM) (PM)	
Well on Line	e:	Started	19	→at		_ (AM) (PM) `	Taken		19	at	(AM) (PM)	
		-			OBSERVE	ED SURFACE	DATA			Duration of Shut-	-in Hours	
Static /	Orifice	Circle one:	Pressure	Clauring	Well Head	Casi	ng	1	Tubing	Duration of Share	nours	
Dynamic	Size	Meter or Prover Press		Temperature Tempe		erature · Wellhead Pressure		Wellhead Pressure		Duration	Liquid Produced	
Property	inches	psig	in (h) Inches H ₂ 0	t-	t	(P _w) or (P _t		(P _w) or (P _t) or (P _c)		(Hours)	(Barrels)	
Shut-In						psig		psig	100	22		
		ļ				ļ <u>.</u>	100		100			
Flow												
					FLOW STE	REAM ATTRI	BUTES					
Plate		Circle one:	Press	6 - t		Flowing	Flowing				Flowing	
Coefficient		Meter or over Pressure	Extension	Gravity Factor		Temperature		Deviation Metered Flor Factor R		V GOR (Cubic Fe	et/ Fluid	
(F _b) (F _p) F		psia	š P"x H"	F,	ļ	Factor F _{rt}	Fpv		(Mcfd)	Barrel)	Gravity	
			 		**	* 1t					G _m	
		<u>:</u>										
				(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	² = 0.207	
(P _c) ² =	:	(P _w) ² =	=:	P _d = .		% (P	- 14.4) +	14.4 =	:		2 =	
(0.13. (0.1)			Choose formula 1 or 2:				sure Curve					
(P _c) ² - (P _a) ³	' (1	P _c) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of formula		Slope	e = "n"	n x	LOG	A - 411	Open Flow Deliverability	
(P _c)²-(P _d)²	2		2. P _c ² -P _d ²	1. or 2. and divide	P _c ² - P _w ²		or gned	1		Antilog	Equals R x Antilog	
	_		divided by: Pc2 - Pw	by:	<u> </u>	Standar	d Slope				· Mcfd	
	1	.								-		
				1				_				
Open Flow		<u></u>	Matel @ 14.00	<u> </u>								
· ·			Mcfd @ 14.65			Deliverabilit	<u></u>			Acfd @ 14.65 psia		
									ove report and	that he has know	ledge of the facts	
stated therein	i, and tha	at said report	is true and corre	ct. Executed	d this the _					·	, 19	
······································		Witness (i	if any)			KCC W	NCH	IA				
						SEP 3	P 2013	•	⊦or C	ompany		
	•	For Comn	nission	-		REC	EIVE)	Check	ked by		

exempt status under Rule K.A.R. 82-3- and that the foregoing information and the best of my knowledge and belief I tion and/or of type completion or upon	d statements contained on this application form are true and correct to based upon gas production records and records of equipment installance of the gas well herein named. Inpution from open flow testing for the
(Check one) is a coalbed metha	ane producer
is cycled on plunge	
	ral gas for injection into an oil reservoir undergoing ER
	e present time; KCC approval Docket No.
X is incapable of pro	ducing at a daily rate in excess of 150 mcf/D
•	
9/27/13	
Date: 9/27/13	
	Signature: Jayre Hompson Title: Drlg & Prod Asst
	Dry a S Drad Aget
	Drive S Bred Aggt

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.