KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY THEST WICHITA

Type Test:					(See Instructions on Reverse Side)							VICHITA		
Open Flow				Total Date:							"'~			
De	eliverab	ilty			Test Date	e: ·			API	No. 15 −	77771	LUC	-200	
Company Company					Lease CO / Lease					11-61	Well Number			
County		Loc Loc	cation	$\frac{\mathcal{C}_{\alpha}}{1}$	Section	10	TWP	ur	RNG (E/	W)		Acres At	<u>C</u> tributed	
Lla	XP	er NW	-N	W-SE		10		<u>S18</u>			(ک			
Field			0) (Reservoi	r		٠ ٨ ٠	Gas Gat			.	<u></u>	
Completi	1 <u>04</u> -	<u>حطمهری</u>	<u>-10</u>	RS11	Nuc Boo	k Total Dep		A1	Packer S		Mid-Con	rline	nb	
12-3	SI - 7	, 507	<u> </u>		r lug bac	ik iolai Dep	4497			erpu				
Casing S	ize	We	ight		Internal [Diameter	Set at		Perfor	rations .	. To			
5/2	·		4			 		452		99	04	441	14	
Tubing Size Weight					Internal I	Jiameter	Set at	I	Perfor	ations	То	•		
Type Con	npletion	(Describe)	· -)	Type Flui	d Production	n		Pump Un	it or Traveling	Plunger? (Yes)	/ No		
					0.1	1 4	watel	<u> </u>	<u></u>		ı Ü		•	
Producing	Three	(Annulus / Tul	oing)	•	% 0	Carbon Diox	ide -		% Nitroge	en	Gas Gr	avity - G]	
Vertical D	epth(H	<u> </u>			· · · · · · · · · · · · · · · · · · ·	Pres	sure Taps.			•	(Motor F	Run) /Pro	ver) Size	
, 54. 1	- 1 /(* 1,					1 160	rupa,	-			(INIGIGI I	iany (FIC	J UIZE	
Pressure	Buildur	: Shut in	7.	2 20	121	2:30	(AM) (PM)	Tokon		00	at		1 A) (D) 4)	
			7.		12 _{at}	1.00	`					-	M) (PM)	
Well on L	ine:	Started		20	at	1.00	(AM) (M)	Taken		20	at	(A	M) (PM)	
_						OBSERVE	D SURFACE	DATA			Duration of Shut-	, 2	Hours	
Static /	Static / Orifice Circle one: Pressure Fig.					Flowing Well Head Ca			Ti	ubing	· ·	<u> </u>		
Dynamic	Size	Size Prover Pres		Differential in	Temperature	Temperature	Wellhead P		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Property	(inches) psig (Pr		m)	Inches H ₂ 0	t	t	(P _w) or (P _t) or (P _c) psig psia		psig psia		(1.1.1.5)	(==:.010)		
Shut-In	•						275				•			
Flow														
				· · · · · · · · · · · · · · · · · · ·	- / /	FLOW STE	REAM ATTRIE	BUTES	-	<u> </u>		L		
Plate		Circle one:		Press			Flowing				<u> </u>		Flowing	
Coeffiecient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Extension	Grav Fact	or	Temperature	Devia Fac		Metered Flow R	GOR (Cubic Fee	et/	Fluid	
				P _m xh	, F _g	· .	Factor F _{ft}	F,	ıv İ	(Mcfd)	Barrel)	Gravity G _m		
				.===		ļ	. 2.7	-	·					
					ODEN EL	OWN (DELIV	ERABILITY)	CAL OUT A	TIONS					
(P _c) ² =		_: (P _w):	2 <u>.</u> .		P _d =.			- 14.4) + ⁻				= 0.207	7	
			_	ose formula 1 or 2:	T			·	 - - 	<u>·</u>	(P _d) ²			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²	LOG of formula 1. or 2. and divide		Backpressure Curve Slope = "n"		n x LOG		A A !!	Open Flow Deliverability Equals R x Antilog (Mcfd)		
				2. P _a ² -P _d ²		P.2 - P.2					Antilog			
			divid	ded by: P _c ² -P _w ²	by:	<u> </u>	Standar	d Slope				(10		
						·	<u> </u>							
													-	
Open Flow Mcfd @ 14.6			5 psia	-	Deliverability		Mcfd		1cfd @ 14.65 psi	J @ 14.65 psia				
The 11	ndersio	ned authority	on h	ehalf of the C	Company e	tates that h			make the		t and that he has		dan of	
				•				٠		anove repon	. and that he has		•	
ne iacis st	ated the	erein, and that	said	report is true	and correct	. Executed	this the	6 d	ay of	NUg	•	, 20	12.	
								7	ه در و	1 /	Tenela -		7 .	
		Witnes	s (if an	у)						For Co	mpany .	1		
		For Co.	mmissio	on						Check	ed by			

KCC WICHITA

I declare under penalty of 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 Residual Foliation Rule (Cas. I										
and that the foregoing pressure information and statements contained on this application form are true and										
correct to the best of my knowledge and belief based upon available production summaries and lease records										
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.										
I hereby request a one-year exemption from open flow testing for the Muir AZ										
gas well on the grounds that said well:										
The second state of the se										
(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										
is not capable of producing at a daily rate in excess of 250 mcf/D										
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission										
staff as necessary to corroborate this claim for exemption from testing.										
Date: 8/16/12										
Signature: Tere k Combe										
Title: 1/P										
Title.										

Instructions:

If a gas well meets one of 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 claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been 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 for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.