KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		(See Instruc	uons on neverse side	;)	,		
Open Flow		Took Date:		ADINA 15			
Deliverabilty		Test Date:		API No. 15	7-7-21	4.5-	
Sompany	^	······································	lease 3	<u> </u>	, , , , , , , , , , , , , , , , , , ,	ell Number	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	J-8 (-as.	Frc	Antr	im	***		
county	Location	Section	TWP	RNG (E/W)	Ac	re RECEIVE	
Large	r. NW-SE	25	315	9W		KECEIVE	
ield		Reservoir		Gas Gathering Conne	eption	AUGOO	
Spiren	Grabe	m.58.		Atlas Pipe	line Mids	continent	
ompletion Date	~~~	Plug Back Total Dep		Packer Set at		00	
11-2-6	3005		4470		·	CC WICH	
asing Size	Weight	Internal Diameter	Set at	Perforations	. To		
ubing Size	Weight	Internal Diameter	Get at	Perforations	99 7	902	
7 7/8	Weight 6.5 47	miemai Diametei	Get at	rentiations	10 .		
ype Completion (D		Type Fluid Production	n	Pump Unit or Traveling	Plunger? Yes /	No	
Single (Ga	s.±Oil)			Pumping		٠	
roducing Thru (Ani	nulus Tubing)	% Carbon Diox	de	% Nitrogen	Gas Gravi	ty - G _a	
		· ,	•		•		
ertical Depth(H)		Pres	sure Taps.	•	(Meter Ru	n) (Prover) Size	
	•						
ressure Buildup:	Shut in 8 - 1 2	2012 at 10:00	(AM)(PM) Taken	20	ot -	(AM) (PM)	
		12 11:00	(AIVI) (I IVI) TAKEII			(AW) (1 W)	
lell on Line:	Started $B-Z$	20 12 at 11:00	(AM) (PM) Taken	20	at	(AM) (PM)	
		ODOFFUE	'D AUDELOE DATA			25	
· · · · · · · · · · · · · · · · · · ·	Circle one: Pressure	OBSERVE	D SURFACE DATA  Casing	Tubing	Duration of Shut-in	Hour	
Static / Orifice ynamic Size	atic / Orifice Meter Differential		Flowing Well Head Wellhead Pressure		Duration	Liquid Produced	
roperty (inches)	Prover Pressure in psig (Pm) Inches H _a 0	t t	(P _w ) or (P _t ) or (P _c )	(P _w ) or (P _t ) or (P _c )	(Hours)	(Barrels)	
	psig (Pm) Inches H ₂ 0		psig psia	psig psia			
Shut-In			260				
Flow							
		FI OW STE	REAM ATTRIBUTES	<u> </u>		-	
DI-1-	Circle one:	1204011					
Plate   Circle one: Press   Coefficient   Meter or Extension		I Temperature I		iation Metered Flow GOR Flowing ctor R (Cubic Feet/ Fluid		, ,	
(F _b ) (F _p ) Pro	ver Pressure psia P _m x h		Factor	(Mcfd)	Barrel)	Barrel) Gravity	
·	, poid		**F _i ; **			G _m	
		·					
		(OPEN FLOW) (DELIV	ERABILITY) CALCUL	ATIONS	/D.12	0.207	
°c)2 =:	(P _w ) ² =:	P _d =	% (P _e - 14.4) +	14.4 = :	$(P_a)^2 = (P_d)^2 = (P_d$		
	Choose formula 1 or 2	:	Backpressure Curve				
$(P_c)^2 - (P_a)^2$ (F	$(P_{w})^{2} - (P_{w})^{2}$ 1. $P_{c}^{2} - P_{a}^{2}$	LOG of formula	Slope = "n"	n x LOG		Open Flow Deliverability	
(P _c ) ² - (P _d ) ²	2. P _a ² -P _d ²	1. or 2. and divide p2 p2	Assigned	.	Antilog	quals R x Antilog	
	divided by: Pc2 - Pw	2 by: [ c 'w]	Standard Slope	<u> </u>		(Mcfd)	
				- [			
		· · · · · · · · · · · · · · · · · · ·	1		·	<del></del>	
pen Flow	Mcfd @ 14	.65 psia	Deliverability		Mcfd @ 14.65 psia		
The undersianed	authority, on behalf of the	Company, states that h	e is duly authorized to	make the above renor	t and that he has !	knowledae of	
	•				_	17	
tacts stated therei	n, and that said report is tru-	e and correct. Executed	this the	day of	408-	, 20 <u>/</u> .	
-		•	1	7 al /	1. 1 -	<b>-</b>	
	Witness (if any)				ompany		
	· · · · · · · · · · · · · · · · · · ·		· .				
	For Commission	•		Chec	ked by		

## AUG 2 3 2012

## 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 Resource 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
gas well on the grounds that said well:
(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: 8/15/12
Signature: Daved Newloom Title: UP

## 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.