## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						Jeo 11131114011	on non	0,00 0,00	,					
= :	en Flov liverabi				Test Date 8-14-12					No. 15 )77-00984-0	00			
Company Frank J.	Black	Oil	Operations,	Inc.			Lease Hale	:				W	eli Num	ber
County t		Location	Location NW SW NW SW		Section 18		TWP 32		RNG (E/W) 9W		Acres Attributed 40			
Field Sharon			Reservoir Mississippi				Gas Gathering C Pioneer Explora							
Completion Date 2-10-56			· · · · · · · · · · · · · · · · · · ·	Plug Back	CTotal Dept	h	Packer Nor					_		
Casing Size Weight 5-1/2" 15.5#			. Internal Diameter 4.950"			Set at 4345'		Perforations OPEN HOLE 434		To 45' 4352'				
Tubing Size 2-7/8"			Weight	l	Internal Diameter 2.441"		Set at 4323'		Perforations 43		300'	т <sub>о</sub> 300' 4304'		
Type Con One Pa			escribe)		Type Flui	d Production	1			nit or Traveling	Plunger	? Yes /	No	
Producing	Thru	(Anr	nulus / Tubing		% C	arbon Dioxi	de		% Nitrog	<u> </u>		Gas Grav	vity - G	
Vertical D			oing/gas in	ru annulus		Press	sure Taps					(Meter Ru	un) (Pro	ver) Size
Procéure	Buildu	n	Shut in	B-13 ,	0 12 at 3	30 PM	(AM) (PM)	Taken	8-14	20	12 at	3:30 PI	νΙ <sub>(Α</sub>	M) (PM)
Pressure Buildup: Well on Line:				2		•								
						OBSERVE	D SURFACE	DATA			Duration	n of Shut-in	·	Hours
Static / Dynamic Property	Dynamic Size		Circle one:  Meter  Prover Pressu		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 190	psia	psig	psia				
Flow														
						FLOW STR	EAM ATTR	BUTES		<del></del>				
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension  P <sub>m</sub> xh	Gravity Factor F <sub>0</sub>		Flowing Temperature Factor F <sub>11</sub>	F	riation actor F <sub>pv</sub>	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
				I	(OPEN FL	OW) (DELIV	ERABILITY	CALCUI	ATIONS			(D )2	= 0.20	7
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =		•	<sup>2</sup> - 14.4) +		:		(P <sub>a</sub> ) <sup>2</sup>		·•
(P <sub>e</sub> ) <sup>2</sup> · (	-	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_g^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Backpres Slop Ass	ssure Curve be = "n" - or signed ard Slope		roe	An	ntilog	Deliv Equals	en Flow rerability R x Antilog Mcfd)
Ones Fla				Meter @ 14	65 neia		Deliverab	ility		-	Mcfd @	14.65 psia		
Open Flo		ione	d authority o	Mcfd @ 14		states that h			to make t					edge of
				aid report is tru				16th	day of	August				0 12
			Witness (i	fany)			-			For	Company			<u></u>
			For Corner	noisair						Che	cked by			

I declare under penalty of p	erjury under the laws of the state of Kansas that I am authorized to request
xempt status under Rule K.A.R.	82-3-304 on behalf of the operator
nd that the foregoing pressure	information and statements contained on this application form are true and
orrect to the best of my knowled	dge and belief based upon available production summaries and lease records
f equipment installation and/or t	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
as well on the grounds that said	d well:
(Chaoli ana)	
(Check one)	methane producer
	olunger lift due to water f natural gas for injection into an oil reservoir undergoing ER
	at the present time; KCC approval Docket No.
<u></u>	e of producing at a daily rate in excess of 250 mcf/D
▼ Is not capable	e of producing at a daily rate in excess of 200 months
I further agree to supply to t	he best of my ability any and all supporting documents deemed by Commissio
•	te this claim for exemption from testing.
,	
) <sub>ate:</sub> 8-16-12	
Date: 8-16-12	-
•	
•	~ ¬
	Signature: D. Slack
	Title: Pres., Frank J. Black Oil Operations, Inc.

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.