KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			O IABILIA	(See Instruct	ions on Rev	verse Side)				
Op	en Flow			Tost Da	ha.			ADI	No. 15			
Deliverability 9-2-14				Test Date: to 9-3-14			API No. 15 15-185-00316 - 2000					
Company	,					Lease					Well Number	
		ck Oil	Co. Inc.			Feron	ıs Gas	Well		•	160	
County Location Stafford NW-NW-SW			Section 23				RNG (E	RNG (E/W) 15W		Acres Attributed		
Field				Reservo	ir				hering Conne	ction		
				Kinder				Lun	· · ·	^	orp	
Completio	on Date				ck Total Dept	h	······································	Packer S	Set at	89	<u> </u>	
Jan	uary.	1956		4429'	·	٠,		n	o packer	٠	•	
Casing Size Weight			Internal	Diameter	Set a	ıt	Perfo	rations	То			
$\begin{array}{ccc} 5\frac{1}{2} & 14\# \\ \hline \text{Tubing Size} & \text{Weight} \end{array}$			5	"			4102!-4112!					
Tubing Size Weight 2 3/8" 4.7#			Internal 2"	Diameter	Set at 4184 '		Perforations To					
			• / 1/		dd Dardi e			4169		41	4172 1/	
Type Con	rpietion (L Perfs.	•			Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No				
		nnulus / Tubi	na)		1t Wate: Carbon Dioxi		P	'umping Unit		2"x1	2"x1½"x10" Gas Gravity - G	
	ulus	9)	/6	Carboir DIUXI	w witrogen			jeti	Gas Gravity - G			
Vertical D					Pres	sure Taps				(Meter	Run) (Prover) Size	
		······································	0 0=1"							/. 10 05		
Pressure	Buildup:	Shut in <u>9</u>	- <u>2 - 3 5 麦</u> 非	_ 20_ <u>14</u> at_	10:03	(AM) (PM)	Taken	1-3-62	20 ¹ .	4 at 0:25	(ĀM) (PM)	
Well on L	ine:	Started	·	_ 20 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFACI	E DATA			Duration of Shut	-in Hou	
Static /	Orifice	Circle one	1	. I Howing	Well Head	Cas	ing]	Tubing			
Dynamic Size		Meter Prover Pres	Different sure in	المنا	re Temperature	Wellhead Pressure		Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Duration (Hours)	Liquid Produced (Barrels)	
Property	(inches)	psig (Pm		l₂0 t	i t	psig	psia psia	psig	psia	(110015)	(barreis)	
Shut-In			·			G2.0	76.4				1	
Flow					(
				-	FLOW STR	EAM ATTR	IBUTES					
Plate Circle one: Press Grouth				wity	Flowing					GOR Flowing		
Coefficient .		Meter of Extension			Gravity T		emperature Fa		viation Metered Flow actor R		set/ Fluid	
	(F _b) (F _p) Pro		psia P _m xh		F		Factor F ₁		F _{pv} (Mcfd)		Gravity G _m	
			y.			. " . =	+					
			<u> </u>		<u> </u>		<u> </u>					
		1.00		(ÖPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		,)2 = 0.207	
(P _c) ² =	:	(P _w) ²	=	: P _d =			' _c - 14.4) +		:	(P _a)		
			Choose formula 1	or 2:		7 - `	sure Curve		T			
(P _c)²- (F	·)* (P _o)² - (P _w)²	1. P _c ² -P _a	formula		Slop	e = "n"	nxi	LOG	A = 49 -	Open Flow Deliverability	
(P _c)2- (F) ²	·	2. P _c ² -P _d	2 1. or 2. and divide	P2-P2	Ass	or signed			Antilog	Equals R x Antilog	
			divided by: P _c ² -	P _w by:	L	Standa	ard Slope		· L		(McId)	
								. _			,	
					· · · · · · · ·			-				
						L	· · ·					
Open Flov	v		Mcfd @	14.65 psia	4 · · ·	Deliverab	lity	· .	N	fcfd @ 14.65 ps	ia	
. The u	ındersigne	d authority,	on behalf of t	he Company.	states that he	e is duly au	thorized to	make th	e above report	and that he he	s knowledge of	
						• .				and that He He		
ine iacis si	ated there	an, and that s	said report is	true and corre	ct. Executed	this the3	(day of Se	:pr•		, 20 14	
		•					ם ת	Laus	c Oil Co.	Tno		
		Witness	(if any)				D.K.	Lauck	For Se		Receive	
							[]]]]	Viver		libeer	NSAS CORPORATION	
		For Com	mission						Check	ed by	SEP 10	

I declare under penalty of perjury under the laws of the state exempt status under Rule K.A.R. 82-3-304 on behalf of the operator								
and that the foregoing pressure information and statements conta	ained on this application form are true and							
correct to the best of my knowledge and belief based upon available	e production summaries and lease records							
of equipment installation and/or upon type of completion or upon use								
I hereby request a one-year exemption from open flow testing for	orthe Fergus Gas Well # 1							
gas well on the grounds that said well:	NW1-23-24-15W Stafford Co. API-185-00316							
(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							
x is not capable of producing at a daily rate in exc	cess of 250 mcf/D							
I further agree to supply to the best of my ability any and all su staff as necessary to corroborate this claim for exemption from tes	•							
Date: Sept.3,2014								
Signature: Melun	i & Uban							
Title: <u>Produ</u>	ction Supt.							

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.

વવટ