KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type T est	t:				('See Instruc	tions on Re	verse Side)				
Open Flow				Test Date				A DI	No. 15				
✓ Deliverabilty			9/30/15	,		API No. 15 15-033-21212-00-00							
Company		PEF	RATING CO	MPANY, LLC			Lease McMOF	RAN		•	3	Well N	umber
County	CHE	Location SW NW SE			Section 8		TWP 35S		RNG (E/W) 16W		Acres Attributed		Attributed
Field YELLOV	V STO	DNE NORTH			Reservoi LANSIN			Gas Gathering Cor ONEOK FIELD S					
Completion 6/24/01	on Da	te			Plug Bac 5423	k Total Dep	th	n Packer Set at NONE					
Casing S 4.500	ize	Weight 10.50			Internal Diameter 4.052		Set at 5449		Perforations 4928		то 4954		
Tubing Si 2.375	ize		Weigh 4.70	t	Internal [1.995	Diameter	Set at 5035		Perforations OPEN		То		
Type Con SINGLE	•	n (Describe)			Type Flui WATE	d Production			Pump Ur PUMP		Plunger? Yes	nger? Yes / No	
Producing		(Anı	nulus / Tubing	1)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gr	avity -	G _g
Vertical D 4952	Pepth(F	1)		_		Pres	sure Taps				(Meter F	Run) (F	rover) Size
Pressure	Buildu	ıp:	Shut in <u>9/2</u>	9/15 2	0 at		(AM) (PM)	Taken 9/	30/15	20	at		(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in	Hours
Static / Dynamic Property	Orifi Siz (inch	9	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	erature t Temperature t Wellhead Pressure Wellhead Pressure (P _w) or (P ₁) or (P _c) (P _w) or (P ₁) or (P _c)		ad Pressure (P,) or (P _o)			id Produced (Barrels)		
Shut-In	.250)	F=-3 ()				psig 90	psia	psig 80	psia	24		
Flow				<u> </u>			<u></u>						
			O'zata azas		<u> </u>	FLOW STR	EAM ATTR	IBUTES					 1
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Gravity Factor F _g		Flowing Temperature Factor F	Fac	ation ctor : pv	Metered Flow R (Mcfd)	y GOR (Cubic Fed Barrel)	eV	Flowing Fluid Gravity G _m
/D \2 _			/D \2_		-	OW) (DELIV		-			•	- ? = 0.2	207
(P _c)² ==		=-		Choose formula 1 or 2:	P _d =			c - 14.4) + ssure Curve	14.4 = _	·	(P _d) ²	\Box	
(P _c) ² - (F or (P _c) ² - (F		(F	°c)2- (Pw)2	 P_e² - P_a² P_e² - P_d² Sivided by: P_c² - P_d² 	LOG of formula 1, or 2. and divide by:	P _c ² - P _w ²	Slop	ssure Outve pe = "n" - or signed ard Slope	nxl	.og	Antilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)
				_		_							
Ones Flor					<u> </u>							L	
Open Flor				Mcfd @ 14.		 -	Deliverab	-			Mcfd @ 14.65 psi		
				behalf of the			_			e above repo CTOBER	rt and that he ha		ledge of 20 <u>15</u> .
					KANS	Rece AS CORPORAT	ived		L.	Hall	and I		
			Witness (il	any)	- 4 112		_	NUN		For C	propany		
			For Comm	ssion		∪し 	6 2015 -		-	Chec	ked by		

CONSERVATION DIVISION WICHITA, KS

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 WOOLSEY OPERATING CO, LLC 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 McMORAN 3 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.
Signature: Zha Lallanga. Title: FIELD MGR.

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.