KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::			(See Instruct	tions on Reve	erse Side,)			
Op	en Flow	,		Tool Date				A DJ	No. 15		
De	liverabil	lty		Test Date 5/30/11	5.			15-	No. 15 207-21462- 0	000 033-21	462-00-00
Company		PERATING CO	MPANY, LLC			Lease McMOR/	AN G.				Vell Number
COMANCHE NENE SE			Section 7		TWP 35S		RNG (E/W) 16W		Acres Attributed		
Field		NE NORTH		Reservoir MISSIS					nering Conne	oction D SERVICES	
Completion Date 6/26/06			Plug Bac 5802	k Total Dept	th	Packer Set at NONE					
Casing Size Weight 4.500 10.50			Internal Diameter 4.052		Set at 5801		Perforations 5306		то 5456		
Tubing Si 2.375	ubing Size Weight 4.70		Internal Diameter 1.995		• • • • • • • • • • • • • • • • • • • •		Perfor	rations N	То	1	
Type Con SINGLE	•	(Describe)		Type Flui WATE	d Production R, OIL	n		Pump Un	it or Traveling	Plunger? Yes	/ No
Producing		(Annulus / Tubing	3)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	vity - G _g
Vertical D 5381	epth(H)	1			Pres	sure Taps				(Meter F	tun) (Prover) Size
Pressure	Buildup	: Shut in _5/2	9/11 2	0 at		(AM) (PM)	5/: Taken_5/:	30/11	20	at	(AM) (PM)
Well on L	ine:	Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-i	n Hours
Static / Dynamic Property	Orific Size (inche	Meter Prover Pressu	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P _i)	ressure or (P _c)	Wellher (P _w) or	ubing ad Pressure (P _t) or (P _c)	Ouration (Hours)	Liquid Produced (Barrels)
Shut-In		poig (i my	menos ri ₂ 0	. <u>.</u>		250	psia	psig 120	psia	24	
Flow											
		 	<u> </u>	- .	FLOW STR	EAM ATTRI	BUTES				
Plate Coeffiec (F _b) (F Mcfd	ient ,,)	Circle one: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fact F _s	tor	Flowing Temperature Factor F _{rt}	Fac	ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m
(P _c) ² =		: (P _w) ² =	:	(OPEN FL	• •	'ERABILITY) % (P,	CALCUL - 14.4) +		:	(P _a) ² (P _d) ²	= 0.207 =
(P _c) ² - (I	•	(P _a) ² - (P _w) ²	Choose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2.	P2-P2	Backpres Slope 	sure Curve = "n" or gned rd Slope	nxl	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psia	J a
The	undersi	gned authority, o	n behalf of the	Company, s	states that h	e is duly aut			•	rt and that he ha	s knowledge of
the facts s	tated th	erein, and that sa	aid report is true	and correc	t. Executed	this the 13		_	OVEMBER W		. 20 11
-		Witness (f any)			_	W	s R	Halls	ompany F	RECEIVED
		For Comm	nission			_			Che	cked by	EC_3_0_2011

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation and/or upon type of completion or upon use being made of the gas well herein named.
	bunds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	Signature:

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.