KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			6	See Instruct	ions on Rev	erse Side)				
Open Flow			Test Date				ADLI	No. 15			
Deliverabilty			9/30/14	:				133-21 53 3-0	0-00		
Company WOOLSEY OPE	RATING CO	MPANY, LLC			Lease MURDO	СК			A-1	Well Number	
County COMANCHE	Location SE NW	on NW NW	Section 10		TWP 35S		RNG (EA	V)		Acres Attributed	
Field AETNA			Reservoir MISSISS					ering Conne PIPELI N E	ection		
Completion Date 9/22/08			Plug Back 5700	< Total Dept	h		Packer So NONE	et at			
Casing Size Weight 4.500 10.50			Internal D 4.052	Diameter	Set at 5732		Perforations 5420		то 5457		
Tubing Size 2.375	•		Internal D 1.995	Diameter	Set at 5486		Perforations OPEN		To		
Type Completion (I SINGLE	Describe)			d Production	1	-	Pump Uni PUMP!	t or Traveling NG	Plunger? Yes	/ No	
Producing Thru (Ar	nulus / Tubing	1)	% C	arbon Dioxi	de		% Nitroge	en .	Gas Gra	avity - G	
Vertical Depth(H) 5455	· · · · ·			Press	sure Taps				(Meter F	Run) (Prover) Size	
Pressure Buildup:	Shut in 9/29	9/1420) at		(AM) (PM)	Taken_09	/30/14	20	at	(AM) (PM)	
Well on Line:			at		(AM) (PM)	Taken		20	at	(AM) (PM)	
				OBSERVE	D SURFACE	DATA			Duration of Shut-	in Hours	
Static / Orifice	Circle one: Meter	Pressure Differential	Flowing	Well Head	Casi Welihead I	•		ubing d Pressure	Duration	Liquid Produced	
Dynamic Size Property (inches)	Prover Pressu psig (Pm)		emperature 1	Temperature t	(P _w) or (P _t			(P _t) or (P _a)	(Hours)	(Barrels)	
Shut-In					185		750		24		
Flow											
				FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd	Circle one: Press Meter or Extension *Prover Pressure psia Pmx h		Grav Fact F ₉	or T	Flowing emperature Factor F _{II}	Fa	viation Metered Flor actor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
				•	. •						
/D \2 -	/D \2 -		•		ERABILITY)	CALCUL - 14.4) +			(P _a)	² = 0.207	
(P _c) ² =:		Choose formula 1 or 2:	P _d =			sure Curve	 - - - - 	<u>`</u>	\' d/	Open Flow	
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$	(P _o) ² - (P _w) ²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P.2-P.2	Stop Ass	e = "n" or lgned ird Slope	nxL	og	Antilog	Deliverability Equals R x Antilog (Mcfd)	
									-		
Open Flow		Mcfd @ 14.6	65 psia	<u> </u>	Deliverabi	lity			Mcfd @ 14.65 psi	l ia	
The undersign	ed authority, or	behalf of the	Company, s	states that h	e is duly au			-	rt and that he ha		
the facts stated then	ein, and that sa	aid report is true	and correc	t. Executed	this the _27		day of O	CTOBER		, 20 <u>14</u>	
	f any)	Received ZUL				For Dompany					
	For Commission			DEC 3 1 2014				Checked by			
				SERVATION L WICHITA, K	JIMBION						

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 theMURDOCK A-1						
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: 10/27/14						
Signature: Was Lallager						
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.