KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Reve	erse Side	9)					
□ Ор	en Flov	٧			Test Date				ΔĐI	No. 15				
De	liverabi	lty			12/28/09					00. 15 007- 22833-	0000			
Company		PER	ATING CO	MPANY, LLC			Lease POWELL				A-3	Well No	umber	
			Section 2			TWP 34		RNG (E/W) 11W		Acres	Attributed			
Field					Reservoir MISSISSIPPI			Gas Gathering Connection APC						
Completion Date 10/31/06				Plug Bac 4757	Plug Back Total Depth 4757			Packer Set at NONE						
Casing Size Weight 4.500 10.500			Internal D 4.052	Diameter	Set at 4808		Perfor 4586	rations	то 4654	то 4654				
•			Weigh 4.70	t	Internal Diameter 1.995		Set at 4690		Perfo 4690	rations	т _о 4690	то 4690		
Type Completion (Describe) SINGLE					Type Fluid Production OIL, GAS			Pump Un	Plunger? Yes	ger? Yes / No				
Producing	_	(Anr	nulus / Tubin	3)	% C	arbon Dioxi	de		% Nitrog	en	Gas G	ravity -	G _g	
Vertical D 4620	Depth(H)		V ₄ ····································			sure Taps NGE				(Meter	Run) (F	Prover) Size	
Pressure	Buildu	o: :	Shut in 12/	19/10 2	0 at		(AM) (PM) T	aken 12	2/20/10	20	at		(AM) (PM)	
Well on L	.ine:	;	Started	2	0 at		(AM) (PM) T	aken		20	at		(AM) (PM)	
	1				Г	OBSERVE	D SURFACE				Duration of Shut	i-in	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Presso psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		rid Produced (Barrels)	
Shut-In				-			160		100	Pou	24			
Flow						<u> </u>								
				γ		FLOW STR	EAM ATTRIE	BUTES	····					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m x h F _c		tor T	Flowing emperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
			<i>.</i>		<u> </u>			1						
(P _c) ² =		_:	(P _w) ² =	:	(OPEN FL		ERABILITY) (P.		.ATIONS · 14.4 =	:		$()^2 = 0.2$ $()^2 =$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) 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: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
												-		
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabili	ity			Mcfd @ 14.65 ps	 sia		
		gned	d authority, o	t.*		states that h	•	-	o make th		rt and that he h		wledge of	
the facts s	tated th	nerei	n, and that s	aid report is true	e and correc	t. Executed				ECEMBER		,	20 10	
	· · · · · · · · · · · · · · · · · · ·		Witness (f any)			_	Who	· Ha	Olang Proces	Company	<u></u>		
	,		For Comn	nission						Che	cked by			
											•			

exempt status under Ru and that the foregoing correct to the best of m of equipment installation	nalty of perjury under the laws of the state of Kansas that I am authorized to request ule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC pressure information and statements contained on this application form are true and y knowledge and belief based upon available production summaries and lease records in and/or upon type of completion or upon use being made of the gas well herein named. One-year exemption from open flow testing for the POWELL A-3 is that said well:						
is cy	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 of	n vacuum at the present time; KCC approval Docket No ot capable of producing at a daily rate in excess of 250 mcf/D						
_	upply to the best of my ability any and all supporting documents deemed by Commission orroborate this claim for exemption from testing.						
Date: _12/28/10							
	Signature: Was Hallayh. 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.