## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(	See Instruct	ions on Rev	erse Side,	)				
Open Flow			Test Date 11/29/10					No. 15 057-20189-0	0000		
Company WOOLSEY OI	PERATING CO	MPANY. LLC	11/25/10	· · · ·	Lease KIRKPA	TRICK				Vell Number	
County Location FORD 1980 FNL & 340 FEL		Section 10		TWP 28S		RNG (E/W)		Acres Attributed			
Field PLEASENT V			Reservoir MISSISS				Gas Gat	hering Conni			
Completion Date 9/9/81			Plug Back 5041	k Total Dept	h	Packer Set at NONE					
Casing Size Weight 4.500 10.50		Internal Diameter 4.052		Set at 5142		Perforations 5000		то 5014			
Tubing Size 2.375	•		Internal Diameter 1.995				Perfo	rations EN	То		
Type Completion SINGLE	(Describe)	•	Type Fluid WATE	d Production	 I		Pump Ur PUMP	nit or Traveling	Plunger? Yes	/ No	
Producing Thru ANNULUS	(Annulus / Tubin	g)	% C	arbon Dioxid	de		% Nitrog	en	Gas Gra	vity - G <sub>g</sub>	
Vertical Depth(H	)			Press	sure Taps			<del></del>	(Meter R	iun) (Prover) Size	
Pressure Buildu	p: Shut in	/28/10 2	0 at		(AM) (PM)	Taken 11	/29/10	20	at	(AM) (PM)	
Well on Line:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
				OBSERVE	D SURFACE	DATA			Duration of Shut-i	n Hours	
Static / Orifi Dynamic Size Property (inches	Meler Prover Press		Flowing Well Head Temperature t		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>q</sub> ) psig paia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In					<sub>рвід</sub> 166	psia	0 beig	psia	24		
Flow							<u>.</u>				
			1	FLOW STR	EAM ATTRI	BUTES			<del></del>	<del></del>	
Plate Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fact F	tor T	Flowing emperature Factor F <sub>f1</sub>	Fa	ation ctor pv	Metered Flov R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
					<del></del> .						
(D )3 -	_: (P <sub>w</sub> )²:		-	OW) (DELIV	•	CALCUL - 14.4) +			(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	= 0.207	
	=	Choose formula 1 or 2	P <sub>d</sub> =	<del></del>	Ţ		1		, ( <sub>1</sub> ,		
$(P_{\theta})^2 - (P_{\theta})^2$ or $(P_{\theta})^2 - (P_{\theta})^2$	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> </ol>	LOG of formula 1, or 2, and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slop Ass	ssure Curve le = "n" or signed ard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
051.			<u> </u>								
Open Flow		Mcfd @ 14.	· · · · · · · · · · · · · · · · · · ·		Deliverabi	<u> </u>			Mcfd @ 14.65 psia		
The undersi	•							ECEMBER	ort and that he has	knowledge of, 20 10	
	Witness	(il any)			_			ملك	W.T.	<b>CEIVED</b>	
	For Corn		<del></del>		_	•			optid by	2 2 2010	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC						
	poing pressure information and statements contained on this application form are true and						
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records						
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the KIRKPATRICK 2X						
	ounds 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						
$\checkmark$	is not capable of producing at a daily rate in excess of 250 mcf/D						
-	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.						
Date: 12/10/10							
	Signature: Cal William						
	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.