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

Type Test:				(	See Instruct	tions on Rev	erse Side)	)					
	n Flow rerabilty			Test Date: 4/09 to 4/10/12				API No. 15 053-21140 <b>~ 00 - 00</b>					
Company				Lease KanopolisFed					1-22	Well Number			
Rupe Oil Company  County  Location				Section		TWP	TWP RN		NG (E/W)		Acres Attributed		
Ellsworth SW				22 Reservoir		16S		07W  Gas Gathering Conn		ection			
Kanak				Tarkio				Rupe (					
Completion Date 10/31/05				Plug Back Total Depth 1814			1720						
Casing Size Weigh 4.5			it	Internal Diameter			et at Perforations 1762			то 1766			
Tubing Size Weight 2.375			t	Internal D	liameter	Set a 1720		Perforations		То			
Type Completion (Describe) single				Type Fluid SW	d Production	n		Pump Uni No	t or Traveling	Plunger? Yes / No			
Producing Thru (Annulus / Tubing) Tubing				% Carbon Dioxide				% Nitrogen 43.017			Gas Gravity - G <sub>g</sub> .753		
Vertical Depth(H)				Pressure Taps							(Meter Run) (Prover) Size		
4/06				flange			4/(	na		2" 2 11:15 am			
Pressure Buildup: Shut in 4/09 Well on Line: Started 4/09				<sub>20</sub> <u>12</u> <sub>at</sub> <u>11:15 am</u> <sub>(Al</sub>			i) laken 20 .				2 11:15 am		
Well on Lin	ie:	Started 470	20	0 <u> </u>		(AM) (PM)	Taken	10	20	at		(AM) (PM)	
	Circle one: Pressure			OBSERVED SURFA						Duration of Shu	uration of Shut-in 72 Hours		
Static / Dynamic Property	c / Orifice Mete. mic Size Prover Pre		Pressure Differential in Inches H <sub>2</sub> 0	Temperature Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Wellhea (P <sub>w</sub> ) or	id Pressure (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	•		
Shut-In		poig (com)				psig	psia	98.7	113.1	72			
Flow	.625	11	3.0	54				51.0	65.4	24			
					FLOW STE	REAM ATTRI	BUTES		***************************************				
Plate Coeffiecie (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension √ P <sub>m</sub> x h	Grav Fac	tor	Flowing Temperature Factor F <sub>rt</sub>	Fa	Deviation Meters		w GOI (Cubic l Barre	Feet/	Flowing Fluid Gravity G <sub>m</sub>	
1.914	2	5.4	8.73	1.152	2 1	.006			19		<u> </u>		
$(P_c)^2 = 12$	2.791 .	(D. )2	4.277	•		<b>/ERABILITY</b> ) % (P	CALCUL - 14.4) +				$\binom{1}{a}^2 = 0.$	207	
			Choose formula 1 or 2	1		Backpres	ssure Curve		<u>——</u> : Г Л	<u> </u>	-	pen Flow	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub>	or C <sub>c</sub> ) <sup>2</sup> - (P <sub>d</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>d</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 tormula 1. or 2. and divide by:		Ass	Slope = "n" Assigned Standard Slope		og	Antilog		Deliverability Equals R x Antilog (Mcfd)	
12.584				.1696	<u> </u>	.850			42	1.39	26		
					assigr	assigned							
Open Flow 26 Mcfd @ 14.6				65 psia <b>X</b> .	55 psia X .50 = Deliverability 13				Mcfd @ 14.65 psia				
The ur	ndersign	ed authority, o	n behalf of the	Company, s	states that h	ne is duly au	thorized to	/		ort and that he			
the facts stated therein, and that said report is true and correct. Executed this the 17th day of April , 20 12													
		Witness	(if any)		RECE	IVED	10	lly	Ulle	Company			
		For Com			APR 1	8 2012 _		ecu,	IWC.	cked by			