KANSAS CORPORATION COMMISSION ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2

TYPE TEST:													IT IES		v.8/98)	
Delive	TEST DATE: 9/14				4/12			API No.	15-0	33-21 3	27-0	5-00				
Company								Leas	Lease					.1 Number		
Thorough	bred A	Associa	ites					HERE	· · · · ·				4			
County COMANCHE				Location				Sect:			RNG (E/W)		Acı	es Attrib	uted	
Field				c NW SE				SEC	ا 15	-T32S-F			 	160		
					ISSISSII	PI/ALT	Α			Thorou	gas gath Johlor	ering c	A 550C	iates p	וברביי 1	
Completion Da	te			Plu	g Back Tot	al Depti 5790					Packer S	et at			ne e	
Casing Size Weight			Internal Diameter				Sat :	Set at					U	6131		
5.500	_							5900			Perforations To 4976 5178			VO	CT 3 1 CWIC	
Tubing Size Weight			Internal Diameter				Set at			Perforations To			766	? WIC		
2.375		4.70	0		1	.995		49				10113	10			
Type Completic				Тур	Fluid Pro	duction	<u> </u>				Pump Uni	t or Tra	aveling Pl	inger?		
Commin	pled	(Ga	<u>s)</u>								No		Wing			
Producing Thru(Annulus/Tubing)				% Ca	% Carbon Dioxide						% Nitrog		Gas	Gravity-	Gg	
TUBING					.121						1.063			.695	-	
Vertical Depth (H)				Pres	Pressure Taps								Met	er Run Siz	:e	
4976	1		~ .	4446	FL/	NGE								3		
Pressure Build Well on Line:	-			11/12						TAKEN		15 AN	1			
Well on Line: Started 9/14				4/12				TAKEN			5 AM					
					ОВ	SERV	Έſ	SURFA	CE	DATA						
Dynamic Si	fice ze			Pressure Diff.	Flowing Temp.	WellHe Temp	/n \ /n				(P _w) (P _t) (F _a			Duratio	Liqui n Prod	
Property i	ı. psig]	In. H 20	t.	t.		psig psi		psia					Barrel	
Shut-in								145		159				69.0		
Flow 1.	000	45.0	0 1.00		60	60		50		64						
				·			I	REAM AT	TRI		<u> </u>	I	···	24.0	, <u>.</u>	
COEFFICIENT	(MET	ED)			 									<u> </u>		
(F _b)	PRESS			TENSION	GRAVIT	Y	FLOWING TEMP		DEVIATION		RATE OF FLOR)R			
Mcfd	psi	1 1 /		m × H _w	FACTOR Fg			FACTOR Ft	FACTOR Fpv		R Mcfd			GOR	G m	
4.912	59.4	4	7.71		1.1995		1.0000		1.0059		45		-			
		···													.695	
•			_		'EN FLC	pW)(D	EL	IVERAB	ルバ	Y) CAL	CULAT	IONS	(1 0	$a)^2 = 0.20$	17	
(Pc) ² = 25		(Pu	r) ² =	4.	!	Pd ≃		31.4	*	(Pc - 14	1.4) + 14	.4 =		^	.50	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ $(P_c)^2 - (P_w)^2$		- [‹	(P _C) ² - (P		Backpres		sure				T	Open	Flow			
or	(P)2	$(P_c)^2 - (P_w)^2$		or P)2 - (P	,2			Curve Slope"n			l li			Deliverability		
$(P_c)^2 - (P_d)^2$. G			$\frac{c'}{(r)^2}$		LOG		Assigned		n x LOG		Ant	ilog	= R x Antilog Mcfd		
			<u> </u>	(P _C) - (P	<u>√</u> _	<u>L</u> .		Standard S	Slobe							
25.20	21.	1.26		1.185	0.	.0738		.850		000	.	1 155		50		
22.91		21.26		1.077		.0324		.850		.062				52 48		
DEN FLOR	OW 52		•	Mass A sa as												
The undersign	ed autho	52 ority, on b	ehaf		fd (14.65					RABILITY		48		Mcfd 8 14		
The undersignated herein and	that said	report is	true :	and correct	. Executed	this the		29	_ day	of	Oct of	xt and th	he has kr		the facts	
								•		_		1/				
	ness (if s	inv)											MAL			

Checked by

For Commission