KANSAS CORPORATION COMMISSION ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2 (Rev.8/98)

TYPE TEST:

Open Flow

1.250

For Commission

45.0

60

☐ Open Flow ☐ Deliverability			TES	T DATE:	8/1	4/11			API No.	5-033-2	21,328	-00-	OC.
Company						Lease				•	Well N	umber	
Thoroughbred Associates				TIM				1					
County				Location Section 7			TWP	RNG (E/W)	B/W) Acres Attributed			ed	
COMA	ANCHE		С	SE SW		SEC	SEC. 4-T32S-19W			160			
Field			Res	ervoir		Gas Gathering Connection							
NWC	OLDWAT	ER	M	ISSISSII	PPI								
Completio	n Date		Plu	Plug Back Total Depth					Packer Set	at			
10/25/	02				5200								
Casing Si	ze	Weight	Int	ernal Diam	eter	Set at Perforations			s To				
4.500		10.500		3	549	0	5200		0 520	05			
Tubing Si	ze	Weight	Int	ernal Diam	eter	Set at			Perforation:	в то			
2.375 4.700			1	.995	520	0							
Type Completion (Describe)				Type Fluid Production				Pump Unit or Traveling Plunger?					
TUBIN	NGSINGL	E							_				
Producing Thru(Annulus/Tubing)			₹ C	Carbon Dioxide			* Nitrogen		Gas Gr	avity- G			
TUBING				.045				1.235			.605	_	
Vertical Depth (H)			Pre	ssure Taps							Meter 1	Run Size	
5200				Flange								3	
Pressure	Buildup: Sh	ut in 8	/11/11			·		TAKEN	9:15	AM			
Well on Line: Started 8/14/1			/14/11					TAKEN	9:30	M			
				ОВ	SERVE	SURFAC	CE D	ATA					•
Static/ Dynamic	Orifice Size	Meter Pressure			WellHead Temp.	_	Casing WellHead Press. (Pw) (Pt) (Pc)		. Tubing WellHead (P _w) (P _t) (I				Liquid
Property	in. psig	psig	In. H 20	In. H 20 t.	t.	psig	P	sia	psig	psi	——— ī	(Hours)	Barrel
						175		189	1			-	
Shut-in												72.5	

FLOW STREAM ATTRIBUTES

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CORFFICIENT (F _b) Mcfd	(METER) PRESSURE PSIA	P _m x H _w	GRAVITY FACTOR FG	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR FPV	RATE OF FLOW R Mcfd	GOR	G m
7.770	59.4	7.71	1.2856	1.0000	1.0047	77		.605

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(Pc) ² = 35	.9 (Pw)	2 4.1	Pd =	26.4 1	(Pc - 14.4) + 1		$(Pa)^2 = 0.207$ $(Pd)^2 = 2.50$
$(P_c)^2 - (P_a)^2$ or $(P_d)^2 - (P_d)^2$	(P _g) ² - (P _y) ²	$\begin{bmatrix} (P_c)^2 - (P_a)^2 \\ \frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2} \end{bmatrix}$	roc	Backpressure Curve Slope"n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability R x Antilog Mcfd
35.67	31.73	1.124	.0508	.699	.0355	1,085	83
33.37	31.73	1.052	.0220	.699	.0154	1.036	80

OPEN FLOW	83	Mcfd @ 14.65 psia	DELIVERABILITY	80	Mcfd 0 14.65 psi:	
		of the Company, states that he is du	y numberized to make the above rep	ort and that he b	as knowledge of the facts	
stated herein and the	at said report is true a	and correct. Executed this the	God day of Spril	<u>'</u>	<u></u>	
Witnes	es (if any)		RECEIVED	d	hu 1	
	(100	2002	

APR 05-2012

Checked by