

**KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST**

FORM G-1
8-7-68

TYPE TEST: ☒ Initial ☐ Annual ☐ Special		TEST DATE: 4/30/2007	
COMPANY Eagle Creek Corporation		LEASE Roehr	WELL NO. 1-17
COUNTY Meade	LOCATION SW SW SW	SECTION 17 32s 30w	ACRES 600
FIELD Plains	RESERVOIR Morrow Sand	PIPELINE CONNECTION DCP Midstream	
COMPLETION DATE 2/22/07	PLUG BACK DEPTH 5824	PACKER SET AT none	
CASING SIZE 4.500	WT. 10.500	ID 5864	SET AT 5596
TUBING SIZE 2.375	WT. 5615	ID 5615	SET AT 5615
TYPE COMPLETION (Describe) New Well Gas		TYPE FLUID PRODUCTION	
PRODUCING THRU (Annulus/Tubing) Tubing		RESERVOIR TEMPERATURE F 120	BAR PRESS - Pa 14.4 psia
GAS GRAVITY - Gg 0.670	% CARBON DIOXIDE 0.130	% NITROGEN 6.876	API GRAVITY OF LIQUID
VERTICAL DEPTH (H) 5600	TYPE METER CONN. flange		METER RUN SIZE 3.072
REMARKS Waited on bigger plate from gas purchaser from 11:00 to 12:45			

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(METER) PRESSURE psig	DIFF. (h _w) (h _t)	FLOWING TEMP. t.	WELLHEAD TEMP. t.	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w) (P _t) (P _c) psia	psig	(P _w) (P _t) (P _c) psia		
SHUT-IN						1082	1096	965	979	73.00	
1.	1.000	31.30	147.00	58		1023	1037	909	923	2.00	
2.	1.750	34.30	37.10	58		976	990	885	899	1.50	
3.	1.750	39.70	61.60	55		924	938	862	876	1.00	
4.	1.750	43.40	101.10	54		867	881	827	841	1.00	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _b) Mcfd	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times R_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcfd	GOR	G _m
1.	4.912	45.7	81.96	1.2217	1.0019	1.0040	494		0.670
2.	16.010	48.7	42.51	1.2217	1.0019	1.0043	836		0.670
3.	16.010	54.1	57.73	1.2217	1.0048	1.0049	1140		0.670
4.	16.010	57.8	76.44	1.2217	1.0058	1.0052	1511		0.670

PRESSURE CALCULATION

RATE NO.	P _t psia	P _c psia	P _w psia	(P _c) ² Thousands	(P _w) ² Thousands	PLOTING POINTS		% SHUT-IN 100 $\left[\frac{P_w - P_a}{P_c - P_a} \right]$
						(P _c) ² - (P _w) ² Thousands	Q Mcfd	
1.	923.4	1096.4	1037.4	1202.1	1076.2	125.9	494.8	94.5
2.	899.4	1096.4	990.4	1202.1	980.9	221.2	836.6	90.2
3.	876.4	1096.4	938.4	1202.1	880.6	321.5	1140.1	85.4
4.	841.4	1096.4	881.4	1202.1	776.9	425.2	1511.8	80.1

INDICATED WELLHEAD OPEN FLOW

3931

Mcfd @ 14.65 psia

"n" = 0.917

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein and that said report is true and correct. Executed this the 1 day of May, 20 07

Witness (if any)

For Commission

For Company

Checked by

GAS WELL BACK PRESSURE CURVE

WELL TESTER: Trilobite Testing
TEST DATE: 4/30/2007

