

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

**FORM G-2
(Rev.8/98)**

TYPE TEST:

- ☒ Open Flow
☒ Deliverability

TEST DATE: 5/1/2007

API No. 15-119-211750000

Company Eagle Creek Corporation		Lease Roehr		Well Number 1-17	
County Meade	Location SW SW SW	Section 17	TWP 32s	RNG(E/W) 30W	Acres Attributed 600
Field Plains	Reservoir Morrow Sand		Gas Gathering Connection DCP Midstream		
Completion Date 2/22/07	Plug Back Total Depth 5824		Packer Set at none		
Casing Size 4.500	Weight 10.500	Internal Diameter	Set at 5864	Perforations 5596	To 5604
Tubing Size 2.375	Weight	Internal Diameter	Set at 5615	Perforations	To
Type Completion (Describe) New Well Gas		Type Fluid Production		Pump Unit or Traveling Plunger? no	
Producing Thru (Annulus/Tubing) tubing		% Carbon Dioxide 0.130		% Nitrogen 6.876	Gas Gravity- Gg 0.670
Vertical Depth (H) 5600		Pressure Taps flange		Meter Run Size 3.072	
Pressure Buildup: Shut in		4/27/2007@0900		TAKEN	4/30/2007@ 1000
Well on Line: Started		4/27/2007@1000		TAKEN	5/1/2007@ 1545

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H ₂ O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P _w) (P _t) (P _c)		Tubing WellHead Press. (P _w) (P _t) (P _c)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						1082	1096	965	979	73.0	
Flow	1.750	41.9	55.10	54		866	880	839	853	29.7	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcf/d	GOR	G _m
16.010	56.3	55.70	1.2217	1.0058	1.0051	1101		0.670

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 1202.1

(P_w)² = 775.1

Pd = 3.8

(P_c - 14.4) + 14.4 =

(Pa)² = 0.207

(Pd)² = 1.76

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$ or $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
1201.89	426.99	2.815	0.4494	0.917	0.4121	2.583	2844
1200.34	426.99	2.811	0.4489	0.917	0.4116	2.580	2841

OPEN FLOW 2844

Mcf/d @ 14.65 psia

DELIVERABILITY

2841

Mcf/d @ 14.65 psia

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

Eagle Creek Corp
SW SW SW 17 32s 30w Meade KS
Start Test Date: 2007/04/30

FieldNotes

Field Measurements

	Clock	Time	Comments	Tubing		Casing		Diff1		Meter1		Static1		Orifice1		Gas1		Cum.
				Pres	psi(g)	Pres	psi(g)	Pres	in of H2O	Temp	° F	Pres	psi(a)	in	in	Rate	MMCF/D	MMCF
1	2007/04/30	10:00:00	SHUTIN															
2		10:00:00			967.00	1082.00		0.00	0.00		0.00	0.00		1.000		0.000		0.000
3		10:15:00			960.00	1074.00		3.00	63.50		39.80					0.066		0.001
4		10:30:00			951.00	1066.00		25.70	63.10		41.20					0.196		0.002
5		10:45:00			934.00	1045.00		99.10	59.00		45.60					0.411		0.005
6		11:00:00			932.00	1040.00		98.50	57.70		45.70					0.411		0.009
7		11:15:00			914.00	1026.00		161.10	56.80		48.70					0.547		0.014
8		11:30:00			915.00	1024.00		151.00	57.70		49.30					0.532		0.020
9		11:45:00			912.00	1024.00		145.00	58.30		49.60					0.522		0.026
10		12:00:00	11:00 to 12:45 waiting for bigger plate															
11		12:00:00	1st pt															
12		12:00:00			909.00	1023.00		147.00	58.50		50.10					0.528		0.031
13		12:15:00			911.00	1026.00		127.60	58.70		49.80					0.489		0.036
14		12:55:00			908.00	1026.00								1.750				
15		13:00:00						20.90	59.60		46.10					0.612		0.054
16		13:15:00			846.00	976.00		54.90	56.50		49.00					1.029		0.062
17		13:30:00	2nd pt															
18		13:30:00			885.00	976.00		37.10	57.90		48.70					0.841		0.072
19		13:45:00			839.00	935.00		79.20	55.30		52.00					1.278		0.083
20		14:00:00			845.00	926.00		74.00	55.10		52.90					1.246		0.096
21		14:15:00			846.00	922.00		68.20	54.60		54.50					1.213		0.109
22		14:30:00	3rd pt															
23		14:30:00			862.00	924.00		61.60	54.90		54.10					1.148		0.121
24		14:45:00			835.00	885.00		108.60	53.90		56.50					1.566		0.135
25		15:00:00			825.00	874.00		103.70	53.90		56.80					1.534		0.151
26		15:15:00			824.00	868.00		106.50	54.50		57.40					1.562		0.168

2007/04/30 10:00:00 To 2007/05/01 15:45:00

Gas 0.184 Cum. 0.184 MMCF

Oil 0.000 Cum. 0.000 bbl

Water 0.000 Cum. 0.000 bbl

Condensate 0.000 Cum. 0.000 bbl

FieldNotes

Field Measurements

Date	Clock Time	Comments	Tubing		Casing		Diff1		Meter1		Static1		Orifice1 in	Gas1 Rate	Gas1 Cum.	
			Pres	psi(g)	Pres	psi(g)	Pres	°F	Pres	psi(a)						
yyyy/mm/dd hh:mm:ss																
27	2007/04/30	15:30:00	4th pt													
28		15:30:00		827.00	867.00	101.10	54.30	57.80					1.527	0.184		
29	2007/05/01	15:45:00	1 pt													
30		15:45:00		839.00	866.00	55.10	54.40	56.30					1.107	1.514		

2007/04/30 10:00:00 To 2007/05/01 15:45:00

Gas	0.184	Cum.	0.184	MMCF
Oil	0.000	Cum.	0.000	bbl
Water	0.000	Cum.	0.000	bbl
Condensate	0.000	Cum.	0.000	bbl

Eagle Creek Corp
SW SW SW 17 32s 30w Meade KS
Start Test Date: 2007/04/30

Plot

