

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

FORM G-2
(Rev.8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 02/20/02 API No. 15-023-20417-0000

Company		Lease			Well Number	
Priority Oil & Gas LLC		Rueb			1-23	
County	Location	Section	TWP	RNG (E/W)	Acres Attributed	
Cheyenne	NW/SE/SE	23	3s	42w		
Field	Reservoir	Gas Gathering Connection				
Cherry Creek	Niobrara	Williams				
Completion Date	Plug Back Total Depth	Packer Set at				
6/23/01	1492					
Casing Size	Weight	Internal Diameter	Set at	Perforations	To	
4.500	10.500	4.052	1534	1398	1428	
Tubing Size	Weight	Internal Diameter	Set at	Perforations	To	
NONE						
Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?				
		No				
Producing Thru (Annulus/Tubing)	% Carbon Dioxide	% Nitrogen		Gas Gravity- Gg		
casing	.378	3.737		.584		
Vertical Depth (ft)	Pressure Taps	Meter Run Size				
1413	Flange	2				
Pressure Buildup: Shut in	02/16/02 @ 1300	TAKEN	02/19/02 @ 12:25			
Well on Line: Started	02/19/02 @ 1225	TAKEN	02/20/02 @ 1130			

RECEIVED
MAR 21 2002
KCC WICHITA

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						276	288			72.0	
Flow	.750	150.5	20.00	54		264	276			23.0	

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
2.779	163.0	57.10	1.3086	1.0058	1.0121	211		.584

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 83.2 (P_w)² = 76.5 P_d = 52.2 % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² = 22.65

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_d)^2}$ or $\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" ----- or ----- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
83.08	6.77	12.268	1.0888	.825	.8982	7.911	1672
60.58	6.77	8.947	.9517	.825	.7851	6.097	1288

OPEN FLOW 1672 Mcfd @ 14.65 psia DELIVERABILITY 1288 Mcfd @ 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 5 day of March, 2002

Witness (if any)

For Company

For Commission

Checked by

I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under rule K.A.R. 82-3-304 on behalf of the operator Priority Oil & Gas LLC

and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the Rueb gas well on the grounds that said well:

(check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. _____
- is incapable of producing at a daily rate in excess of 150 mcf/D

Date: 3-18-02

Signature: 
Title: Admin. Asst.

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under "observed surface data." Shut-in pressure shall thereafter be reported yearly in the same manner.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.