KANSAS CORPORATION COMMISSION
ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2
(Rev.8/98)

TYPE TEST:
☒ Open Flow
☒ Deliverability

TEST DATE: 1-29-02 API No. 15-023-20392-0000

Company	Lease	Well Number
Priority Oil & Gas LLC	Schorzman	1-6

County	Location	Section	TWP	RNG(E/W)	Acres Attributed
Cheyenne	NE/4 NW/4 SE/4	6-4s-40w			

Field	Reservoir	Gas Gathering Connection
Cherry Creek	Niobrara	Kinder-Morgan

Completion Date	Plug Back Total Depth	Packer Set at
4/19/01	1369	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4.500	10.500	4.052	1369	1189	1224

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
NONE					

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Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?
Frac		No

Producing Thru (Annulus/Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity- Gg
Casing	.379	3.684	.586

Vertical Depth (H)	Pressure Taps	Meter Run Size
1206	Flange	2.

Pressure Buildup: Shut in	1-25-02 14:22	TAKEN	1-28-02 9:00
Well on Line: Started	1-28-02 9:00	TAKEN	1-29-02 12:00

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H_2O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P_w) (P_t) (P_c) psig	Casing WellHead Press. psia	Tubing WellHead Press. (P_w) (P_t) (P_c) psig	Tubing WellHead Press. psia	Duration (Hours)	Liquid Prod. Barrels
Shut-in						197	209			66.0	
Flow	.625	67.5	5.00	24		68	80			15.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F_b) Mcfd	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcfd	GOR	G_m
1.914	80.0	20.00	1.3063	1.0365	1.0073	52		.586

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

$(Pc)^2$ = 43.9 $(Pw)^2$ = 6.5 Pd = 32.2 % (Pc - 14.4) + 14.4 = $(Pa)^2$ = 0.207 $(Pd)^2$ = 4.56

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2 \text{ or } (P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG [ ]	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability = R x Antilog Mcfd
43.73	37.41	1.169	.0678	.779	.0528	1.129	58
39.33	37.41	1.051	.0218	.779	.0170	1.040	54

OPEN FLOW 58 Mcfd @ 14.65 psia DELIVERABILITY 54 Mcfd @ 14.65 psia

The undersigned authority, on behaf 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 _____ day of _____, 20 _____

Witness (if any)

For Company

For Commission

Checked by

Form G-2
Rev.8/98

I declare under penelty 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 Schorzman 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 vacum at the present time; KCC approval Docket No. _____
- ☒ is incapable of producing at a daily rate in exess of 150 mcf/D

Date: 2-18-02

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.

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, Inc.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 785-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 620-624-5389
Fax: 620-626-7108

Lab Number: 20020416 **Analyzed: 02/01/02**

Sample From: Schorzman 1-6 4pt
Producer: Priority O&G
Pressure:
Temperature:

Location: 6-4-40W

Time:
Sampler:
Source:
County: Cheyenne
State: Kansas
Formation: Niobrara

		Mole %	GPM
Helium	He:	0.079	0.000
Hydrogen	H2:	0.004	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	3.684	0.000
Carbon Dioxide	CO2:	0.379	0.000
Methane	C1:	94.093	0.000
Ethane	C2:	1.202	0.321
Propane	C3:	0.363	0.100
Iso Butane	iC4:	0.060	0.020
Normal Butane	nC4:	0.064	0.020
Iso Pentane	iC5:	0.018	0.007
Normal Pentane	nC5:	0.014	0.005
Hexanes Plus	C6+:	0.040	0.017
	TOTAL:	100.000	0.490

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Z Fact: 0.9981

SP.GR.: 0.5866

BTU (SAT): 975.0 @ 14.73 psia
BTU (DRY): 992.3 @ 14.73 psia
OCTANE RATING: 124.1

COMMENTS: 0.000