

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

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 3-13-02

API No. 15-023-~~21028~~

20383-06-06

Company Priority Oil & Gas LLC		Lease Schultz			Well Number 1-20	
County Cheyenne	Location 114-W-C-NE	Section 20-4s-40w	TWP	RNG (E/W)	Acres Attributed	
Field Cherry Creek	Reservoir Niobrara	Gas Gathering Connection Kinder-Morgan				
Completion Date 2/3/01	Plug Back Total Depth 1417	Packer Set at				
Casing Size 4.500	Weight 10.500	Internal Diameter 4.052	Set at 1462	Perforations 1316	To 1334	
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To	
Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? No				
Producing Thru (Annulus/Tubing) Casing	% Carbon Dioxide 1.229	% Nitrogen 3.649		Gas Gravity- Gg .592		
Vertical Depth (ft) 1325	Pressure Taps Flange	Meter Run Size 2				
Pressure Buildup: Shut in	3-9-02 @ 500	TAKEN	3-12-02 @ 500			
Well on Line: Started	3-12-02 @ 500	TAKEN	3-13-02 @ 1700			

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						244	256			72.0	
Flow	.500	130.0	28.00	52		131	143			36.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcf/d	GOR	G _m
1.219	142.5	63.17	1.2997	1.0078	1.0109	101		.592

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 65.8 (P_w)² = 20.6 P_d = 50.7 % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² = 16.90

$(P_c)^2 - (P_a)^2$ 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
65.64	45.20	1.452	.1620	.500	.0810	1.205	122
48.89	45.20	1.082	.0341	.500	.0171	1.040	106

OPEN FLOW 122 Mcfd @ 14.65 psia DELIVERABILITY 106 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 18 day of MAR, 2002

RECEIVED
MAR 29 2002
KCC WICHITA

[Signature]
For Company

Witness (if any)

For Commission

Checked by

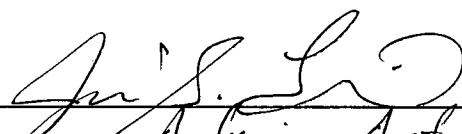
I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under rule K.A.R. 82-3-304 on behalf of the operator Priority Oil & Gas LLC and that the foregoing information and statements contained on this application form are true and correct 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 Schultz 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: 3-25-02

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.

PRECISION MEASUREMENT, INC.
P.O.Box 3659
745 North Circle Drive
Casper, WY. 82602

3/1/2002 8:57 AM
Phone: 307-237-9327
800-624-7260
Fax: 307-577-4139
E Mail: pmi@trib.com

GAS ANALYSIS REPORT

Analysis For: PRIORITY OIL & GAS
Field Name:
Well Name: 1-20 SCHULTZ
Station Number:
Purpose:
Sample Deg. F: 32
Volume/Day:
Formation:
Line PSIG: 145
Line PSIA:

Run No: 5513-13
Date Run: 2/27/02
Date Sampled: 2/21/02
Producer:
County: **CHEYENNE**
State:
Sampled By: K. ANDREWS
Atmos Deg. F:
LOCATION : SEC. 20-4S-40W

GAS COMPONENTS

	MOL%	GPM
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Carbon Dioxide C02:	1.229	
Nitrogen N2:	3.649	
Hydrogen Sulfide H2s:	0.0000	
Methane C1:	93.348	
Ethane C2:	1.285	0.343
Propane C3:	0.370	0.102
Iso-Butane IC4:	0.060	0.020
Nor-Butane NC4:	0.059	0.019
Iso-Pentane IC5:	0.000	0.000
Nor-Pentane NC5:	0.000	0.000
Hexane Plus C6+:	0.000	0.000
Totals	100.000	0.483

Pressure Base: 14.730
Real BTU Dry: 982.931
Real BTU Wet: 965.828
Calc. Ideal Gravity: 0.592
Calc. Real Gravity: 0.593
Field Gravity:
Standard Pressure: 14.696
BTU Dry: 980.676
BTU Wet: 963.612
Z Factor: 0.998
Avg Mol Weight: 17.158
Avg CuFt/Gal: 59.913
Ethane+ GPM 0.483
Propane+ GPM: 0.140
Butane+ GPM: 0.038
Pentane+ GPM: 0.000

Remarks:

Analysis By: S.G. WALLACE
Approved By:

RECEIVED
MAR 29 2002
KCC WICHITA