

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

FORM G-2
(Rev.8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 1-29-02

API No. 15-023-20376-0000

Company Priority Oil & Gas LLC		Lease Schultz			Well Number 1-17	
County Cheyenne	Location SWNWSE	Section 17-4s-40w	TWP	RNG(E/W)	Acres Attributed	
Field Cherry Creek	Reservoir Niobrara	Gas Gathering Connection Kinder-Morgan				
Completion Date 4/18/01	Plug Back Total Depth 1332		Packer Set at			
Casing Size 4.500	Weight 10.500	Internal Diameter 4.052	Set at 1373	Perforations 1234	To 1269	
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To	
Type Completion (Describe) Frac	Type Fluid Production		Pump Unit or Traveling Plunger? No			
Producing Thru (Annulus/Tubing) Casing	% Carbon Dioxide .092	RECEIVED		% Nitrogen 3.773	Gas Gravity- Gg .586	
Vertical Depth (H) 1251	Pressure Taps Flange	FEB 11 2002		Meter Run Size 2		
Pressure Buildup: Shut in	1-25-02 17:00	KCC WICHITA		TAKEN 1-28-02 15:00		
Well on Line: Started	1-28-02 15:00	TAKEN	1-29-02 17:00			

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						188	200				
Flow	.625	74.5	9.00	36		84	96			22.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _D) 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
1.914	87.0	27.98	1.3063	1.0239	1.0073	72		.586

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 40.2 (P_w)² = 9.3 P_d = 37.2 % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² = 5.55

$(P_c)^2 - (P_a)^2$ 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 $\frac{[(P_c)^2 - (P_d)^2]}{[(P_c)^2 - (P_w)^2]}$	LOG	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
40.04	30.89	1.296	.1128	.674	.0760	1.191	85
34.65	30.89	1.122	.0499	.674	.0337	1.081	77

OPEN FLOW 85 Mcfd @ 14.65 psia DELIVERABILITY 77 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 _____ day of _____, 20 _____

Witness (if any)

For Company

For Commission

Checked by