

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

FORM G-2
(Rev.8/98)

TYPE TEST:

- ☒ Open Flow
☒ Deliverability

TEST DATE: 3-27-2001

API No. 15-009-23662

Company Becker Oil Corp.		Lease Eberly		Well Number 4	
County Barton	Location SW SW SE	Section 14	TWP 19s	RNG (E/W) 15W	Acres Attributed 640
Field	Reservoir chase	Gas Gathering Connection oneok			
Completion Date 2-22-2001	Plug Back Total Depth 2175	Packer Set at			
Casing Size 4.500	Weight 10.500	Internal Diameter 1.995	Set at 3459	Perforations 1756	To 1879
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 1753	Perforations	To
Type Completion (Describe) acid-perf	Type Fluid Production water	Pump Unit or Traveling Plunger? no			
Producing Thru (Annulus/Tubing) tubing	% Carbon Dioxide .110	% Nitrogen 23.557		Gas Gravity- Gg .670	
Vertical Depth (ft) 1817	Pressure Taps flange	Meter Run Size 2"			
Pressure Buildup: Shut in	3-23-2001 @ 900	TAKEN	3-26-2001 @ 915		
Well on Line: Started	3-26-201 @ 940	TAKEN	3-27-2001 @ 1240		

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						380	394	380	394	72.3	
Flow	.875	49.0	8.00	49		297	311	146	160	27.0	32.0

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
3.824	63.4	22.52	1.2217	1.0107	1.0043	106	3754.7	1.529

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P _c) ² = 155.6		(P _w) ² = 97.0		11.4	%	(P _c - 14.4) + 14.4 =		(P _a) ² = 0.207
								(P _d) ² 2.03
(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 Mcfd	
155.34	58.58	2.652	.4235	.793	.3359	2.167	231	
153.53	58.58	2.621	.4184	.793	.3318	2.147	229	

OPEN FLOW 231 Mcfd @ 14.65 psia DELIVERABILITY 229 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 28 day of March, 2001.

Witness (if any)

For Commission

For Company

Checked by