

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

FORM G-2
(Rev.8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 6-12-14

API No. 15-175-21284 - 00-01

Company Becker Oil Corp.		Lease Wettstein			Well Number #1	
County Seward	Location N/2 N/2 NE	Section 33-32S-32W	TWP 33-32S-32W	RNG(E/W)	Acres Attributed 160	
Field Fedder	Reservoir Morrow & Cheste		Gas Gathering Connection DCP			
Completion Date 1-6-93	Plug Back Total Depth 5896		Packer Set at			
Casing Size 5.500	Weight 15.500	Internal Diameter	Set at 5896	Perforations 5590	To 5641	
Tubing Size 2.875	Weight 6.600	Internal Diameter	Set at 5732	Perforations 5803	To 5807	
Type Completion (Describe) ...	Type Fluid Production Gas, Oil, & Salt W		Pump Unit or Traveling Plunger? Pump Unit			
Producing Thru (Annulus/Tubing) Casing	% Carbon Dioxide .164		% Nitrogen 2.953		Gas Gravity- Gg .657	
Vertical Depth (ft) 5896	Pressure Taps Flange			Meter Run Size 3.068		
Pressure Buildup: Shut in	6-9-14 @2:00 P.M.		TAKEN	6-12-14 @2:00 P.M.		
Well on Line: Started	6-12-14 @2:00 P.M.		TAKEN	6-13-14 @2:00 P.M.		

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						62	76			72.0	
Flow	.500	14.3	1.20			52	67			24.0	

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
1.214	28.7	5.87	1.2335	1.0632	1.0036	9		.657

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 5.8 (P_w)² = 4.5 Pd = % (P_c - 14.4) + 14.4 = (Pa)² = 0.207
(Pd)² =

$(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$ 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
5.63	1.33	4.221	.6254	1.000	.6254	4.221	39

OPEN FLOW 39 Mcfd @ 14.65 psia DELIVERABILITY 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 14th day of June, 20 14

Witness (if any)

For Commission

KCC WICHITA

JUL 07 2014

RECEIVED

Becker Oil Corporation
For Company

Hosco Testing & Measurement
Checked by

Taylor Rankin