

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

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 01-26-15 API No. 15-189-22612-0000

Company Palmer Oil Inc.		Lease Froks		Well Number 26-1	
County Stevens	Location E2-SW-SE-NW	Section 26	TWP 32S	RNG (E/W) 36W	Acres Attributed
Field Shifting Sands	Reservoir Upper Morrow		Gas Gathering Connection Anadarko Petroleum		
Completion Date 01-27-15	Plug Back Total Depth 6541		Packer Set at None		
Casing Size 4.500	Weight 10.500	Internal Diameter 4.052	Set at 6584	Perforations 5642	To 5658
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 6539	Perforations	To
Type Completion (Describe) Gas	Type Fluid Production Oil & Formation Wa		Pump Unit or Traveling Plunger? Pumping Unit		
Producing Thru (Annulus/Tubing) Casing	% Carbon Dioxide .406	% Nitrogen 12.164	Gas Gravity- Gg .733		
Vertical Depth (ft) 5650	Pressure Taps Flange		Meter Run Size 4.028		
Pressure Buildup: Shut in	1-23-15 @ 10:50 AM	TAKEN	1-26-15 @ 10:50 AM		
Well on Line: Started	1-26-15 @ 10:50 AM	TAKEN	1-27-15 @ 10:50 AM		

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 _c) (P _e)		Tubing WellHead Press. (P _w) (P _c) (P _e)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						263	277			72.0	
Flow	1.250	20.3	6.50	60		145	160			24.0	35.0

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
7.660	34.7	15.02	1.1680	1.0000	1.0033	134	3851	1.561

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 77.0 (P_w)² = 25.7 P_d = (P_c - 14.4) + 14.4 = (P_a)² = 0.207¹
(P_d)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 $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" ----- or ----- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcfd
76.74	51.21	1.499	.1757	1.000	.1757	1.499	202

OPEN FLOW 202 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 27th day of January, 2015

KCC WICHITA

FEB 02 2015

RECEIVED

Palmer oil Inc.

For Company

Hosco T&M Inc.

Checked by

Witness (if any)

For Commission