

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

FORM G-2
(Rev 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 01-27-15 API No. 15-129-21852-0000

Company Palmer Oil Inc.		Lease Blees-Mcfaddin			Well Number 7-1	
County Morton	Location SE-SW-NW	Section 7	TWP 33S	RNG (E/W) 39W	Acres Attributed	
Field Morrow		Reservoir Morrow			Gas Gathering Connection DCP Midstream, LP	
Completion Date 01-27-15		Plug Back Total Depth 6260		Packer Set at None		
Casing Size 4.500	Weight 11.600	Internal Diameter 4.000	Set at 6492	Perforations 5968	To 6016	
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 6257	Perforations	To	
Type Completion (Describe) Gas		Type Fluid Production Oil & Formation Wa		Pump Unit or Traveling Plunger? Pump Unit		
Producing Thru (Annulus/Tubing) Casing		% Carbon Dioxide .328		% Nitrogen 1.809		Gas Gravity- Gg .613
Vertical Depth (ft) 6016		Pressure Taps Flange			Meter Run Size 3.068	
Pressure Buildup: Shut in		1-23-15 @ 9:30 AM		TAKEN	1-26-15 @ 9:30 AM	
Well on Line: Started		1-26-15 @ 9:30 AM		TAKEN	1-27-15 @ 9:30 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 _a)		Tubing Wellhead Press. (P _w) (P _t) (P _c)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						887	901			72.0	
Flow	.625	20.3	13.80	60		776	790			24.0	96.9

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcf/d	GOR	G _m
1.897	34.7	21.88	1.2772	1.0000	1.0026	53	548	3.156

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_a)² = 812.5 (P_w)² = 624.8 Pd = % (Pc - 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 $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" ----- or ----- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
812.31	187.74	4.327	.6362	1.000	.6362	4.327	230

OPEN FLOW 230 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

Witness (if any)

For Commission

KCC WICHITA

FEB 02 2015

RECEIVED

Palmer Oil Inc.

For Company
[Signature] Hosco T&M Inc.
Checked by