

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

FORM G-2
(Rev.8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 07-27-15

API No. 189-22565-0000

Company Palmer Oil Inc.		Lease Jordan		Well Number 35#1	
County Stevens	Location SW SE NE NE	Section 35-33s-39w	TWP	RNG (E/W)	Acres Attributed
Field Morrow	Reservoir Morrow			Gas Gathering Connection Anadarko Energy Co	
Completion Date 3/12/07	Plug Back Total Depth 6018		Packer Set at N/A		
Casing Size 4.500	Weight 10.500	Internal Diameter 4.052	Set at 6105	Perforations 5850	To 5867
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 5849	Perforations	To
Type Completion (Describe) Single	Type Fluid Production Water		Pump Unit or Traveling Plunger? No		
Producing Thru (Annulus/Tubing) Tubing	% Carbon Dioxide .424		% Nitrogen 3.948	Gas Gravity- Gg .832	
Vertical Depth (H) 5859	Pressure Taps Flange		Meter Run Size 6.046		
Pressure Buildup: Shut in	07-24-15 @ 2:15 PM		TAKEN	07-27-15 @ 2:15 PM	
Well on Line: Started	07-27-15 @ 2:15 PM		TAKEN	07-28-15 @ 2:15 PM	

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						151	165	153	167	72.0	
Flow	1.250	39.8	1.90	93	60	132	147	61	76	24.0	6.5

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _D) Mcfd	(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 Mcfd	GOR	G _m
7.595	54.2	10.15	1.0963	.9697	1.0063	82	12684	1.122

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 27.5 (P_w)² = 21.6 P_d = % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(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 $\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" ----- or ----- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcfd
27.32	5.91	4.619	.6645	1.000	.6645	4.619	380

OPEN FLOW 380 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 3rd day of August, 20 15

Witness (if any)

For Commission

KCC WICHITA
AUG 06 2015
RECEIVED

[Signature] Hosco T&M
For Company

Checked by