

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

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 11-11-13 API No. 15-189-22565-0000

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	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 (ft) 5859	Pressure Taps Flange		Meter Run Size 6.065			
Pressure Buildup: Shut in	11-8-13@10:55A.M.		TAKEN	11-11-13@10:55A.M.		
Well on Line: Started	11-11-13@10:55A.M.		TAKEN	11-12-13@10:55A.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						186	200	185	200	72.0	
Flow	.500	51.0	35.00	60	60	173	187	162	176	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
1.222	65.4	47.84	1.0963	1.0000	1.0093	64		.832

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 40.2 (P_w)² = 35.1 P_d = % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² =

$(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\frac{[(P_c)^2 - (P_a)^2] \text{ or } [(P_c)^2 - (P_d)^2]}{[(P_c)^2 - (P_w)^2]}$	LOG	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
39.95	5.04	7.925	.8990	1.000	.8990	7.925	512

OPEN FLOW 512 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 19th day of November, 20 13

Witness (if any)

For Commission

KCC WICHITA

 **Hosco T&M**
For Company

NOV 27 2013

Checked by _____

RECEIVED