KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST
(See Instructions on Reverse Side)

Type Test:
- ☑ Open Flow
- ☑ Deliverabilty

Test Date: 10/30 to 10/31/14

API No. 15 057-20,822-00-00

Company **Vincent Oil Co.**	Lease **Jones**	Well Number **1-25**

County **Ford**	Location **SENWSESE**	Section **25**	TWP **27S**	RNG (E/W) **24W**	Acres Attributed

Field **Wildcat**	Reservoir **Miss.**	Gas Gathering Connection **DCP**

Completion Date **8/17/12**	Plug Back Total Depth **5195**	Packer Set at **none**

Casing Size **4.5**	Weight	Internal Diameter	Set at **5195**	Perforations **5068**	To **5071**

Tubing Size **2.375**	Weight	Internal Diameter	Set at **5058**	Perforations	To

Type Completion (Describe) **single**	Type Fluid Production **none**	Pump Unit or Traveling Plunger? Yes / No **no**

Producing Thru (Annulus / Tubing) **tubing**	% Carbon Dioxide **.0841**	% Nitrogen **15.7075**	Gas Gravity - G_g **.685**

Vertical Depth(H)	Pressure Taps **flange**	(Meter Run) (Prover) Size **2"**

Pressure Buildup: Shut in **10/27** 20 **14** at **9:45 am** (AM) (PM) Taken **10/30** 20 **14** at **9:45 am** (AM) (PM)

Well on Line: Started **10/30** 20 **14** at **9:45 am** (AM) (PM) Taken **10/31** 20 **14** at **11:00 am** (AM) (PM)

OBSERVED SURFACE DATA
Duration of Shut-in **72** Hours

Static / Dynamic Property	Orifice Size (Inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						578	592.4	578	592.4	72	
Flow	.750	217	8.8	68		478	492.4			25.25	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
2.779	231.4	45.12	1.208	.9924	1.025	154		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 =$ **350.937** : $(P_w)^2 =$ **242.457** : $P_d =$ _____ % $(P_c - 14.4) + 14.4 =$ _____ :

$(P_a)^2 =$ **0.207**
$(P_d)^2 =$ _____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" --------or-------- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
350.730	108.48	3.233	.5096	.861	.4387	2.74	422

Open Flow **422** Mcfd @ 14.65 psia X .50 = Deliverability **211** 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 therein, and that said report is true and correct. Executed this the **7th** day of **November** , 20 **14** .

Witness (if any)	_For Company_
For Commission	Checked by

Lem, Inc.