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

Type Test:

[✓] Open Flow

[✓] Deliverabilty

Test Date: 5/16 to 5/17/13

API No. 15 069-20357-00-00

Company Falcon Exploration, Inc	**Lease** Henry Koehn	**Well Number** 1-13

County Gray	**Location** CNE	**Section** 13	**TWP** 28S	**RNG (E/W)** 30W	**Acres Attributed**

Field Renegade SE	**Reservoir** Stotler Lime	**Gas Gathering Connection** Oneok

Completion Date 3/29/12	**Plug Back Total Depth** 3580	**Packer Set at** none

Casing Size 5.5	**Weight**	**Internal Diameter**	**Set at** 3828	**Perforations** 3541	**To** 3547

Tubing Size 2.375	**Weight**	**Internal Diameter**	**Set at** 3550	**Perforations**	**To**

Type Completion (Describe) Single	**Type Fluid Production** SW	**Pump Unit or Traveling Plunger? Yes / No** no – Flowing

Producing Thru (Annulus / Tubing) Tubing	**% Carbon Dioxide** .00	**% Nitrogen** 30.52	**Gas Gravity - G_g** .738

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

Pressure Buildup: Shut in 5/13 20 13 at 12:30 pm (AM) (PM) Taken 5/16 20 13 at 12:30 pm (AM) (PM)

Well on Line: Started 5/16 20 13 at 12:45 pm (AM) (PM) Taken 5/17 20 13 at 12:45 pm (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 (P_w) or (P_t) or (P_c) psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						695	709.4	550	564.4	72	
Flow	1.000	76	4.7	89		637	651.4	497	511.4	24	

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
5.073	90.4	20.61	1.164	.9732	———	118		.738

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 =$ 503.248 : $(P_w)^2 =$ 424.321 : $P_d =$ ____ % $(P_c - 14.4) + 14.4 =$ ____ :

$(P_a)^2 =$ 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)
503.041	78.927	6.373	.8043	.779	.6265	4.23	499

Open Flow 499 Mcfd @ 14.65 psia X .50 = Deliverability 249.5 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 29th day of May , 20 13 .

Witness (if any)

[signature] GLM, INC. For Company