KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

OCT 2 8 2014

CONSERVATION DIVISION
WICHITA, KS

Type Test:
- [✓] Open Flow
- [✓] Deliverabilty

Test Date: 10/17 to 10/23/14

API No. 15
069: 20320 -00-00

Company: Falcon Exploration	Lease: Fry	Well Number: 1-23

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Gray	NESWNENW	23	28S	30W	

Field	Reservoir	Gas Gathering Connection
Renegade SE	Lansing	Oneok

Completion Date	Plug Back Total Depth	Packer Set at
12/10/10	4411	none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.5			4425	4186	4271

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.375			4156		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
single	SW	no

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
tubing	.0000	35.6901	.820

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

Pressure Buildup: Shut in 10/20 20 14 at 10:45 am (AM) (PM) Taken 10/23 20 14 at 12:15 pm (AM) (PM)

Well on Line: Started 10/19 20 14 at 10:45 am (AM) (PM) Taken 10/20 20 14 at 10:45 am (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 73.5 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						793	807.4			73.5	
Flow	1.000	92	22.5	69		599	613.4			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_{tf}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
5.073	106.4	48.92	1.104	.9915	-------------	271		.820

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 =$ 651.894 : $(P_w)^2 =$ 376.259 : $P_d =$ _____ % $(P_c - 14.4) + 14.4 =$ _____ :

$(P_a)^2 =$ 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)
651.687	275.635	2.364	.3736	.649	.2424	1.75	474

Open Flow 474 Mcfd @ 14.65 psia X .50 = Deliverability 237 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 23rd day of October , 20 14 .

_____
Witness (if any)

_____ GCPI.inc.
For Commission   For Company
                                  Checked by