Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:
(See Instructions on Reverse Side)

☑ Open Flow
☑ Deliverabilty

Test Date: 11/06 to 11/07/15

API No. 15: 009-25932-00-00

Company	Lease	Well Number
FG Holl Company, LLC	Smith D	1-30

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Barton	SESWNE	30	20S	15W	

Field	Reservoir	Gas Gathering Connection
Pawnee Rock	Arbuckle	IACX

Completion Date	Plug Back Total Depth	Packer Set at
3/07/14		none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.5			3996	3850	3853

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.875			3959		

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	.4386	5.8442	.639

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

Pressure Buildup: Shut in 11/03 20 15 at 9:00 am (AM) (PM) Taken 11/06 20 15 at 9:00 am (AM) (PM)

Well on Line: Started 11/06 20 15 at 9:00 am (AM) (PM) Taken 11/07 20 15 at 9:00 am (AM) (PM)

KCC WICHITA
NOV 23 2015
RECEIVED

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						1162	1176.4			72	
Flow	.750	171	11	62		1057	1071.4			24	

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	Gravity Factor F_g	Flowing Temperature Factor F_{ft}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
2.779	185.4	45.15	1,251	.9981	1.015	159		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = 1383.916 : $(P_w)^2$ = 1147.897 : 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)
1383.709	236.019	5.862	.7680	.747	.5736	3.74	594

Open Flow 594 Mcfd @ 14.65 psia X .50 = Deliverability 297 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 20th day of November, 20 15.

Witness (if any)

For Company

For Commission

Checked by

EOM, INC.