KANSAS CORPORATION COMMISSION FORM G-2

ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST (Rev.8/98)

TYPE TEST:

☒ Open Flow

☒ Deliverability TEST DATE: 11/17/2017 API No. 007-24321-0000

Company	Lease	Well Number
Lotus Operating	Charlie	1

County	Location	Section	TWP	RNG(E/W)	Acres Attributed
Barber	S/2 SW SW	11	35	13w	320

Field	Reservoir	Gas Gathering Connection
Stranathan-Hart	Mississippi	ONEOK

Completion Date	Plug Back Total Depth	Packer Set at
9/1/2017	5118	none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.500	17.000	4.892	5157	4852	4888

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.875	6.500	2.441	4930		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?
Acid-Frac	oil-water	pumping unit

Producing Thru (Annulus/Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity- Gg
annulus	0.116	1.197	0.623

Vertical Depth (H)	Pressure Taps	Meter Run Size
4870	flange	3.067

Pressure Buildup: Shut in	11/13/2017@0815	TAKEN	11/16/2017@0815
Well on Line: Started	11/16/2017@0815	TAKEN	11/17/2015@1245

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H_2O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P_w) (P_t) (P_c) psig	Casing WellHead Press. psia	Tubing WellHead Press. (P_w) (P_t) (P_c) psig	Tubing WellHead Press. psia	Duration (Hours)	Liquid Prod. Barrels
Shut-in						754	768			72.0	
Flow	1.500	39.6	42.00	48	60	441	455			28.5	3.3

FLOW STREAM ATTRIBUTES

COEFFICIENT (F_b) Mcfd	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcfd	GOR	G_m
11.410	54.0	47.62	1.2364	1.0117	1.0049	699	248749	0.640

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

$(Pc)^2$ = 590.4 $(Pw)^2$ = 208.0 Pd = 7.0 % (Pc - 14.4) + 14.4 = $(Pa)^2$ = 0.207 $(Pd)^2$ = 2.92

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\left[\frac{(P_c)^2 - (P_a)^2 \text{ or } (P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}\right]$	LOG [ ]	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability = R x Antilog Mcfd
590.23	382.39	1.544	0.1885	0.633	0.1193	1.316	920
587.52	382.39	1.536	0.1865	0.633	0.1181	1.312	918

OPEN FLOW 920 Mcfd @ 14.65 psia DELIVERABILITY 918 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 _____ day of _____, 20 _____

Witness (if any)

For Commission

For Company

Checked by

KCC WICHITA

DEC 01 2017

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