KANSAS CORPORATION COMMISSION
ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2
(Rev.8/98)

TYPE TEST:
☒ Open Flow
☐ Deliverability

15-025-21316-00-00

TEST DATE: 8/14/11 API No. ~~15-189-20321-0000~~

Company	Lease	Well Number
Thoroughbred Associates	Feikert	1

County	Location	Section	TWP	RNG(E/W)	Acres Attributed
Clark	2140'FSL&1160'F	Sec. 12-30S-22W			160

Field	Reservoir	Gas Gathering Connection
	Mississippi	El Paso

Completion Date	Plug Back Total Depth	Packer Set at
10-28-05	5371	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.500	10.500	4.995	5458	5300	5324

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.000	4.700	1.995	5325		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?
Flowing	Water	

Producing Thru (Annulus/Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity- Gg
Tub	.247	9.562	.664

Vertical Depth (H)	Pressure Taps	Meter Run Size
5310	Flange	3

Pressure Buildup: Shut in	8/11/11	TAKEN	11:30 AM
Well on Line: Started	8/14/11	TAKEN	10:30 AM

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						485	499	485	499	71.0	
Flow	1.250	34.0	43.00	60	60	185	199	185	199	24.0	2.0

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
7.771	48.4	45.62	1.2272	1.0000	1.0039	436	218383	.683

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

$(Pc)^2$ = 249.4 $(Pw)^2$ = 39.8 Pd = % $(Pc - 14.4) + 14.4$ = $(Pa)^2$ = 0.207 $(Pd)^2$ =

$(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$ or $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG [ ]	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability = R x Antilog Mcfd
249.19	209.64	1.189	.0751	.908	.0682	1.170	510

OPEN FLOW 510 Mcfd @ 14.65 psia DELIVERABILITY 18 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 5th day of April, 20 12

Witness (if any)

For Commission

For Company

Checked by

RECEIVED
APR 05 2012
KCC WICHITA