## KANSAS CORPORATION COMMISSION

Type Test:				(See Instruc				EKABILI		ESI			
Deliverability				Test Date: API No. 15 8/5/2013 15-187-21230-00-									
Company Linn Operating, Inc.				8/5/2013 15-187-21230- Lease Schulz						Well Number A-4 ATU-19			
County Location Stanton NE NE NE NE			Section TWP 21 27S			•	RNG (E/W) 39W			Acres Attributed			
ield			Reservoi	r	2/3	Ga		Gas Gathering Connection			640		
Hugoton-Panoma  Completion Date			Chase Plug Back Total Depth				Jayha Packer						
S/27/2013 Casing Size Weight			2610	Diameter	Set at		NA	NA Perforations					
.5	15.5		4.95		3113		228	39	To 2489				
Tubing Size Weight NA NA			Internal [ NA	Diameter		Set at NA		Perforations NA			то <b>NA</b>		
Type Completion (Describe) Single			Type Fluid Production Dry Gas			Pump Unit or Traveling Plunger NO			ger? Yes	/ No			
Producing Thru (Annulus / Tubing)			% Carbon Dioxide			% Nitrogen			Gas Gravity - G <sub>g</sub>				
Annulus /ertical Depth(H)			0.0579  Pressure Taps			14.3800			0.7229 (Meter Run) (Prover) Size				
8/5			Flange				3.068						
		$0\frac{13}{13}$ at $\frac{11:00 \text{ AM}}{11:00 \text{ AM}}$ (AM) (PM) Ta $0\frac{13}{11}$ at $\frac{11:00 \text{ AM}}{11:00 \text{ AM}}$ (AM) (PM) Ta			Taken 6/ Taken 8/				13 at 11:00 AM (AM) (PM) 13 at 11:00 AM (AM) (PM)				
				OBSERVE	D SURFAC	E DATA			Durat	ion of Shut	.in_72	Hou	
Static / Orifice		Differential in	Flowing Well He Temperature t		Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In 1.5	35.1	0	65	65	35.1	49.5	NA Psig	psia NA	72		0		
Flow 1.5	30.1	30.1 9.2		65		44.5	NA	NA NA		24		0	
				FLOW STR	EAM ATT	RIBUTES						1	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Temperature I		viation Metered Floractor R = (Mcfd)		w GOR (Cubic Fee Barrel)		et/	Flowing Fluid Gravity G <sub>m</sub>	
11.41	44.5	20.234	1.176	.99	952	1		270.217	C	)		0	
) <sup>2</sup> = 2.4503	3_; (P <sub>w</sub> ) <sup>2</sup>	. 1.9803 :		OW) (DELIV		/) CALCUL P <sub>c</sub> - 14.4) +		:			<sup>2</sup> = 0.2 <sup>2</sup> =	07	
	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> - P <sub>c</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope			n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
2.2433	.4700 4.773		.679		.85		.57	.5770		3.7754		1020.1764	
oen Flow	en Flow Mcfd @ 14.65 psia				Deliverability				2 14.65 psi	14.65 psia			
The unders		on behalf of the said report is true	Company, s	. Executed RECE	e is duly au this the 1!	uthorized to	day of A	ne above repo	ort and	that he ha	s know	ledge of 20 13	
	Witness	s (if any)		AUG 2	7 2013				cked by				

CONSERVATION DIVISION WICHITA, KS