

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- ☐ Open Flow
☐ Deliverability

Test Date:

API No. 15

15-007-22682-000

Company JACK EXPLORATION, INC.		Lease BENSON		Well Number 1-3	
County BARBER	Location SW SW	Section 3	TWP 35S	RNG (E/W) 14W	Acres Attributed
Field AETNA SE		Reservoir MISSISSIPPIAN		Gas Gathering Connection	
Completion Date 11-29-01		Plug Back Total Depth 4937'		Packer Set at NONE	
Casing Size 4 1/2"	Weight 11.6	Internal Diameter 4.000	Set at 4973'	Perforations 4832'	To 4910'
Tubing Size 2 3/8"	Weight 4.7	Internal Diameter 1.995	Set at 4841'	Perforations	To
Type Completion (Describe) FRAC		Type Fluid Production GAS		Pump Unit or Traveling Plunger? Yes / ☒ No	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide		% Nitrogen	Gas Gravity - G _s
Vertical Depth(H) 4975'		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in _____ 19 ____ at _____ (AM) (PM) Taken _____ 19 ____ at _____ (AM) (PM)					
Well on Line: Started _____ 19 ____ at _____ (AM) (PM) Taken _____ 19 ____ at _____ (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-In _____ Hours

Static / Dynamic Property	Orifice Size inches	Circle one: Meter or Prover Pressure psig	Pressure Differential in (h) Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in											
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\frac{1}{2} P_m \times H_w$	Gravity Factor F _g	Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_e)^2 =$ _____ ; $(P_w)^2 =$ _____ ; $P_a =$ _____ % $(P_e - 14.4) + 14.4 =$ _____ ; $(P_e)^2 = 0.207$
 $(P_e)^2 =$ _____

$(P_e)^2 \cdot (P_a)^2$ or $(P_e)^2 \cdot (P_w)^2$	$(P_e)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_e^2 - P_a^2$ 2. $P_e^2 - P_w^2$ divided by: $P_e^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_e^2 - P_w^2$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd

Open Flow

Mcfd @ 14.65 psia

Deliverability

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 _____ day of _____, 19 _____.

Witness (if any)

For Company

For Commission

Checked by

[illegible]