

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

15-055-00092-00-00

Test Date: 11-18-11

~~APL No. 10-000-00, 00, 00-0000~~

Company Kiaser Francis Oil Co.		Lease Gingrich			Well Number 1-29	
County Finney	Location NE SW SW	Section 29	TWP 22	RNG (E/W) 31	Acres Attributed	
Field Hugoton		Reservoir		Gas Gathering Connection Oneok		
Completion Date 08/04/1954		Plug Back Total Depth		Packer Set at		
Casing Size	Weight	Internal Diameter	Set at	Perforations	To	
Tubing Size	Weight	Internal Diameter	Set at	Perforations	To	
Type Completion (Describe) Single Gas		Type Fluid Production		-Pump Unit or Traveling Plunger? Yes / No Flowing		
Producing Thru (Annulus / Tubing)		% Carbon Dioxide		% Nitrogen		Gas Gravity - G _g 4.026 x .750
Vertical Depth(H)		Pressure Taps			(Meter Run) (Prover) Size	
Pressure Buildup: Shut in 11-18 20 11 at 3:00 (AM) (PM) Taken 11-21 20 11 at 3:00 (AM) (PM)						
Well on Line: Started 20 at (AM) (PM) Taken 20 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 ₁) or (P _e)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in											
Flow						155.4	169.8			72	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _v) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times H_w}$	Gravity Factor F _g	Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_e)² = 0.207
(P_d)² = _____

(P _e) ² = _____ : (P _w) ² = _____ : P _d = _____ % (P _e - 14.4) + 14.4 = _____ :	Choose formula 1 or 2: 1. P _e ² - P _w ² 2. P _e ² - P _d ² divided by: P _e ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_e^2 - P_w^2}{P_e^2 - P_d^2}$	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 7th day of Dec 20 11.

RECEIVED

JAN 12 2012

Hosco Testing & Measurement Co.
For Company

Witness (if any)

For Commission

KCC WICHITA

[Signature]

Checked by