KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST
(See Instructions on Reverse Side)

Type Test:

☑ Open Flow

☑ Deliverabilty

Test Date: 11/11 to 11/12/10

API No. 15 007-23,376 ꝏꝏ

Company	Lease	Well Number
HermanL. Loeb, LLC	Cinda/Lytle	5

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Barber	SESESW	12	33S	13W	

Field	Reservoir	Gas Gathering Connection
	Miss.	Oneok

Completion Date	Plug Back Total Depth	Packer Set at
2/23/09	4924	none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.5			4966	4464	4512

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.375			4618		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
single	Oil & SW	Yes - pumping unit

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
annulus	.094	2.772	.706

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
	flange	2"

Pressure Buildup: Shut in __11/08__ 20 __10__ at __9:30 am__ (AM) (PM) Taken __11/11__ 20 __10__ at __9:30 am__ (AM) (PM)

Well on Line: Started __11/11__ 20 __10__ at __9:30 am__ (AM) (PM) Taken __11/12__ 20 __10__ at __9:30 am__ (AM) (PM)

OBSERVED SURFACE DATA
Duration of Shut-in __72__ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						267	281.4			72	
Flow	1.000	30	12.1	50		245	259.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient $(F_b)(F_p)$ Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	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
5.073	44.4	23.18	1.190	1.010	-----------	141		.706

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 =$ __79.185__ : $(P_w)^2 =$ __67.288__ : $P_d =$ _____ % $(P_c - 14.4) + 14.4 =$ _____ :

$(P_a)^2 =$ 0.207

$(P_d)^2 =$ _____
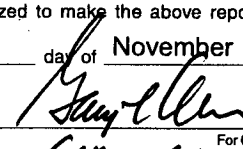
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" --------or-------- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
78.978	11.897	6.638	.8220	.653	.5367	3.44	485

Open Flow __485__ · ·   Mcfd @ 14.65 psia X .50 =   Deliverability __242.5__   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 __12th__ day of __November__ , 20 __10__ .

Witness (if any)	_For Company_
For Commission	Checked by