

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
7/23 to 7/24/15

API No. 15
007-24,214-00-00

Company Woolsey Operating Co, LLC			Lease Tucker		Well Number B-6
County Barber	Location SWNE	Section 11	TWP 34S	RNG (E/W) 11W	Acres Allotted
Field		Reservoir Miss	Gas Gathering Connection Atlas		
Completion Date 11/5/14		Plug Back Total Depth CIBP 4850	Packer Set at none		
Casing Size 5.5	Weight	Internal Diameter	Set at 5014	Perforations 4582	To 4625
Tubing Size 2.375	Weight	Internal Diameter	Set at 4671	Perforations	To
Type Completion (Describe) single		Type Fluid Production Oil/SW	Pump Unit or Traveling Plunger? Yes / No Yes - Pump unit		
Producing Thru (Annulus / Tubing) annulus		% Carbon Dioxide .132	% Nitrogen .827	Gas Gravity - G _g .677	
Vertical Depth(H)		Pressure Taps flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7/20 20 15 at 9:00 am (AM) (PM) Taken 7/23 20 15 at 9:00 am (AM) (PM)					
Well on Line: Started 7/23 20 15 at 10:00 am (AM) (PM) Taken 7/24 20 15 at 10:00 am (AM) (PM)					

KCC WICHITA
JUL 29 2015
RECEIVED

OBSERVED SURFACE DATA

Duration of Shut-in 72 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						206.0	220.4			72	
Flow	1.000	24.4	5.4	83		194.2	208.6			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 _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
5.073	38.8	14.47	1.215	.9786		87		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

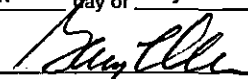
(P_c)² = 48.576 : (P_w)² = 43.513 : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_w)² = 0.207
(P_d)² = _____

(P _c) ² - (P _w) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _w 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" ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
48.369	5.063	9.553	.9801	.760	.7448	5.55	482

Open Flow **482** Mcfd @ 14.65 psia X .50 = Deliverability **241** 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 24th day of July, 20 15.

For Commission



For Company
Checked by