

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

Open Flow

Deliverability

(See Instructions on Reverse Side)

Test Date:
10/30 to 10/31/14

API No. 15
057-20635-00-00

Company Vincent Oil Corp.		Lease Perkins		Well Number 1-33	
County Ford	Location 410FNL & 700 FEL	Section 33	TWP 28S	RNG (E/W) 23W	Acres Attributed
Field Morrow/Miss/Pawnee		Reservoir Morrow/Miss/Pawnee		Gas Gathering Connection DCP	
Completion Date 8/18/09		Plug Back Total Depth 5369		Packer Set at none	
Casing Size 5.5	Weight	Internal Diameter	Set at 5369	Perforations 5022	To 5235
Tubing Size 2.875	Weight	Internal Diameter	Set at 5070	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) Tubing		% Carbon Dioxide .0684		% Nitrogen 15.564	
Vertical Depth(H)		Pressure Taps flange		Gas Gravity - G _g .682	
				(Meter Run) (Prover) Size 2"	
Pressure Buildup:	Shut in 10/27	20 14	at 9:15 am	(AM) (PM) Taken 10/30	20 14 at 9:15 am (AM) (PM)
Well on Line:	Started 10/30	20 14	at 9:15 am	(AM) (PM) Taken 10/31	20 14 at 10:45 am (AM) (PM)

Received
KANSAS CORPORATION COMMISSION
NOV 24 2014
CONSERVATION DIVISION
WICHITA, KS

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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						612	626.4			72	
Flow	1.00	176	12	56		524	538.4			25.5	

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	190.4	47.79	1.211	1.004	1.021	300		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 392.376 ; (P_w)² = 289.874 ; P_d = _____ % (P_c - 14.4) + 14.4 = _____ ; (P_a)² = 0.207 ; (P_d)² = _____

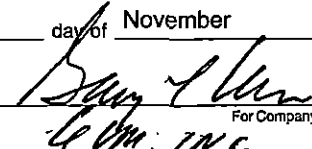
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
392.169	102.502	3.825	.5826	.664	.3868	2.43	729

Open Flow **729** Mcfd @ 14.65 psia X .50 = Deliverability **364.5** 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 3rd day of November, 20 14.

Witness (if any)

For Commission


 For Company
 Checked by _____