

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
- Deliverability

Test Date:
12/27 to 12/28/10

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 (EW) 23W	Acres Attributed
Field Morrow/Miss/Pawnee		Reservoir Morrow/Miss/Pawnee		Gas Gathering Connection KGS	
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 No	
Producing Thru (Annulus / Tubing) Tubing		% Carbon Dioxide .0684		% Nitrogen 15.564	
Vertical Depth(H)		Pressure Taps flange		Gas Gravity - G _g .682	
Pressure Buildup: Shut in 12/24 20 10 at 9:30 am (AM) (PM) Taken 12/27 20 10 at 9:30 am (AM) (PM)					
Well on Line: Started 12/27 20 10 at 9:30 am (AM) (PM) Taken 12/29 20 10 at 5:30 pm (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in **72** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						1049	1063.4	1049	1063.4	72	
Flow	1.00	503	29.3	67		952	966.4	875	889.4	56	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _c) (F _s) 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	517.4	123.12	1.211	.9933	1.039	781		.682

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 = 1130.819$; $(P_w)^2 = 933.929$; $P_d = \quad \%$; $(P_c - 14.4) + 14.4 = \quad$; $(P_a)^2 = 0.207$; $(P_d)^2 = \quad$

$(P_c)^2 - (P_a)^2$ 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)
1130.612	196.89	5.742	.7591	.664	.5040	3.19	2492

Open Flow **2492** Mcfd @ 14.65 psia X .50 = Deliverability **1246** 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 31st day of December, 20 10.

Witness (if any)

For Commission

For Company

Guy L. ...

Checked by

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JAN 31 2011

KCC WICHITA

MEASUREMENT SOLUTIONS INC.

6705 East 81st Street Suite 155 Tulsa, OK 74133
 Telephone 918-493-2700 Fax 918-493-2704

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GAS ANALYSIS REPORT

METER NUMBER :	55105	SAMPLE TYPE :	SPOT
METER NAME :	PERKINS	SAMPLE DATE :	04/06/2010
METER ID :	VINCENT OIL	SAMPLE PRES / TEMP :	572 / 88
PRODUCER :		SAMPLED BY :	JPS
COMPANY :	VINCENT OIL	EFFECTIVE DATE :	04/01/2010

<u>COMPONENT</u>		<u>PERCENT</u>	<u>BTU VALUES @ 14.65</u>		<u>BTU VALUES @ 14.73</u>	
Helium	He	0.7710	REAL DRY	945.19	REAL DRY	950.35
Oxygen	O2	0.0000	REAL WET	928.64	REAL WET	933.72
Hydrogen Sulfide	H2S	0.0000				
Carbon Dioxide	CO2	0.0684				
Nitrogen	N2	15.5640				
Methane	C1	76.0243	<u>GPM VALUES @ 14.65</u>		<u>GPM VALUES @ 14.73</u>	
Ethane	C2	3.9269	C2	1.0439	C2	1.0496
Propane	C3	2.0957	C3	0.5739	C3	0.5770
I-Butane	iC4	0.3897	iC4	0.1268	iC4	0.1275
N-Butane	nC4	0.6532	nC4	0.2048	nC4	0.2059
I-Pentane	iC5	0.1567	iC5	0.0571	iC5	0.0574
N-Pentane	nC5	0.1840	nC5	0.0663	nC5	0.0666
Hexane Plus	C6+	0.1661	C6+	0.0721	C6+	0.0725
TOTALS		100.0000		2.1449		2.1565

SPECIFIC GRAVITY

REAL DRY 0.6826
 REAL WET 0.6816

COMPRESSIBILITY FACTOR

Z FACTOR DRY 0.9980
 Z FACTOR WET 0.9979

GALLONS PER THOUSAND

GPM TOTALS @ 14.65

C2 + GPM 2.1449
 C3 + PGM 1.1010
 C4 + GPM 0.5271
 C5 + GPM 0.1955

GPM TOTALS @ 14.73

C2 + GPM 2.1565
 C3 + PGM 1.1069
 C4 + GPM 0.5299
 C5 + GPM 0.1965

COMMENTS :

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 KCC WICHITA



Suite 700 • 155 North Market • Wichita, Kansas 67202-1821
(316) 262-3573

January 28, 2011

Kansas Corporation Commission
Conservation Division
130 S. Market, Rm 2078
Wichita, Kansas 67202

Ref: Annual Gas Test
Perkins #1-33
33-28-23W
Ford Co., Kansas

Attn: Mr. Jim Hemmen:

Dear Mr. Hemmen:

Attached please find a completed KCC G-2 Test report for the above referenced well. The test was conducted and supervised by Mr. Gary Maier of GLM, Inc. Also included is gas quality data.

Should you have any questions with regard to this test information please contact me at the telephone number listed in the above letterhead.

Sincerely,

M.L. Korphage, P.G.
Geologist
Vincent Oil Corporation

XC: File

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