

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow SI 24-hr
 Deliverability

Test Date:

8-4-2004

API No. 15 - 181-20345-0000

Company <i>Rose Wood Resources</i>		Lease <i>Topliff</i>		Well Number <i>1-27</i>	
County <i>Sherman</i>	Location <i>SW SE</i>	Section <i>27</i>	TWP <i>8S</i>	RNG (E/W) <i>40 W</i>	Acres Attributed <i>80</i>
Field <i>Goodland</i>		Reservoir <i>Niobrara</i>	Gas Gathering Connection <i>B.S.I. (WOPL)</i>		
Completion Date <i>7-23-04</i>		Plug Back Total Depth <i>1302</i>	Packer Set at		
Casing Size <i>4.5"</i>	Weight <i>10.5 #</i>	Internal Diameter <i>4.052"</i>	Set at <i>1306</i>	Perforations <i>1092</i>	To <i>1124</i>
Tubing Size <i>N/A</i>	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) <i>SINGLE (Vertical)</i>		Type Fluid Production <i>Gas</i>	Pump Unit or Traveling Plunger? Yes / <input checked="" type="checkbox"/> No		
Producing Thru (Annulus / Tubing) <i>Casing</i>		% Carbon Dioxide <i>1.19</i>	% Nitrogen <i>18.92</i>	Gas Gravity - G _g <i>0.648</i>	
Vertical Depth (ft) <i>1124</i>		Pressure Taps <i>FLANGE</i>		(Meter Run) (Prover) Size <i>2"</i>	
Pressure Buildup: Shut in <i>7-25</i> 2004 at <i>7</i> (AM) (PM) Taken <i>8-4</i> 2004 at <i>7</i> (AM) (PM)		Well on Line: Started _____ 20__ at _____ (AM) (PM) Taken _____ 20__ at _____ (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in *240* Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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)
						psig	psia	psig	psia	
Shut-in					<i>65</i>	<i>54</i>	<i>68.4</i>			RECEIVED JAN 24 2005 KCC WICHITA
Flow										

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _d) 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
						<i>WOPL</i>		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _c) ² - (P _d) ² or (P _c) ² - (P _w) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _w ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	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 the 14 day of January, 2005.

Witness (if any)

Dennis Harris

For Company

For Commission

Checked by

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.

I hereby request a one-year exemption from open flow testing for the Top lift 1-27 gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. _____
- is not capable of producing at a daily rate in excess of 250 mcf/D

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

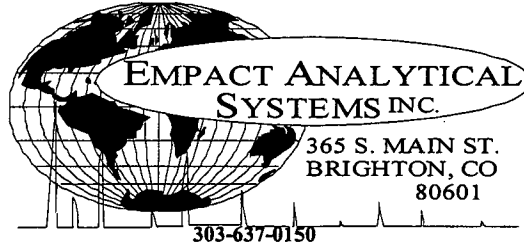
Date: 1/14/05

Signature: *Dennis Harris*
Title: *Reservoir Engineer*

Instructions: If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.



NATURAL GAS ANALYSIS

PROJECT NO. :	0408024	ANALYSIS NO. :	01
COMPANY NAME :	CABLE INC	ANALYSIS DATE:	AUGUST 5, 2004
ACCOUNT NO. :		SAMPLE DATE :	AUGUST 4, 2004
PRODUCER :		TO:	
LEASE NO. :	1-27	CYLINDER NO. :	1 (SILVER)
NAME/DESCRIP :	ROSEWOOD RESOURCES TOPLIFF		

FIELD DATA

SAMPLED BY :	M KENNEY	AMBIENT TEMP.:	
SAMPLE PRES. :	54 PSIG	GRAVITY :	
SAMPLE TEMP. :	65 F	VAPOR PRES. :	
COMMENTS :	SAMPLED AT WELLHEAD NO PROBE		

COMPONENTS	NORM. MOLE%	GPM @ 14.65	GPM @ 14.73
HELIUM	0.06	-	-
HYDROGEN	0.09	-	-
OXYGEN/ARGON	0.04	-	-
NITROGEN	18.92	-	-
CO2	1.19	-	-
METHANE	78.96	-	-
ETHANE	0.69	0.184	0.185
PROPANE	0.02	0.006	0.006
ISOBUTANE	0.01	0.003	0.003
N-BUTANE	0.01	0.003	0.003
ISOPENTANE	0.01	0.004	0.004
N-PENTANE	0.00	0.000	0.000
HEXANES+	0.00	0.000	0.000
TOTAL	100.00	0.199	0.200

BTU @ 60 DEG F	14.65	14.73
GROSS DRY REAL =	810.3	814.7
GROSS WET REAL =	796.1	800.6

RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F) : 0.6480

COMPRESSIBILITY FACTOR : 0.99841

NOTE: REFERENCE GPA 2261(ASTM D1945), 2145, & 2172 CURRENT PUBLICATIONS

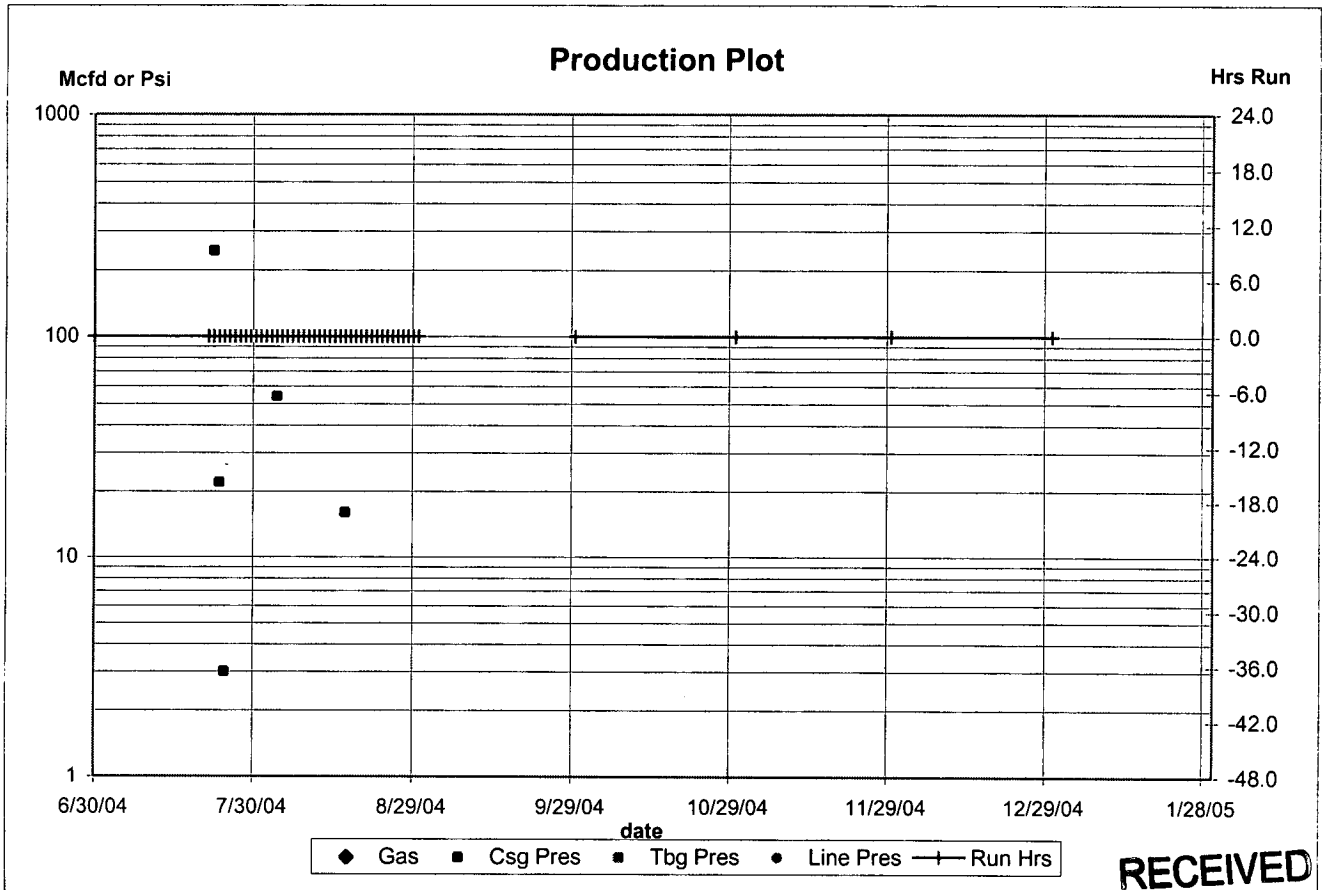
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Actual
BOWMAN 02-08

	<u>Gas</u>	<u>Csg Press</u>	<u>Tbg Press</u>	<u>Line Press</u>	<u>Hrs</u>	<u>Remarks</u>
2004/01						
2004/02						
2004/03						
2004/04						
2004/05						
2004/06						Spud & TD
2004/07		245.0				N2 Frac 100k#, SICP 2 hr
2004/08		54.0				SI & Flow Test, Gas Anal. & G-2
2004/09						WOPL, SI hrs: 1056
2004/10						WOPL, SI hrs: 1800
2004/11						WOPL, SI hrs: 2520
2004/12						WOPL, SI hrs: 3264
TOTAL	0	54.0			3264.0	

As of 01/16/2005 SI WOPL hrs = 3648

Note: Well is in Essbase data system but ino data taken while WOPL



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Actual
TOPLIFF 01-27

Gas	Csg Press	Tbg Press	Line Press	Hrs	Remarks
06/01/2004	null	null	null	null	null
06/02/2004	null	null	null	null	null
06/03/2004	null	null	null	null	Spud 11:15am Set Surf Csg 358 & WOC
06/04/2004	null	null	null	null	TD 1310 set 4.5" 10.5# Prd Csg @ 1306
06/05/2004	null	null	null	null	WOC. RR. RDMO. & WOCU
06/06/2004	null	null	null	null	WOCU
06/24/2004	null	null	null	null	WOCU
06/25/2004	null	null	null	null	TOC 700 PBDT 1302 Perf 1092-1124 spf 2
06/26/2004	null	0	null	null	FCP w/ v.lite tr. Gas on 0.125 orifice plate
06/27/2004	null	0	null	null	FCP. Trace of Gas. Shut in
06/28/2004	null	3	null	null	WOFU. SI hrs = 24
06/29/2004	null	11	null	null	WOFU. SI hrs = 48
06/30/2004	null	null	null	null	WOFU. SI hrs = 72
07/22/2004	null	null	null	null	WOFU. SI hrs = 600
07/23/2004	null	245	null	null	N2FRAC 100k# SICP 2 hr & Flo to Pit 28/64"
07/24/2004	null	22	null	null	FCP on 28/64 Chk. No Fluid
07/25/2004	null	3	null	null	FCP. Dry Gas & Shut in
07/26/2004	null	null	null	null	WOPL, SI hrs: 24
07/27/2004	null	null	null	null	WOPL, SI hrs: 48
07/28/2004	null	null	null	null	WOPL, SI hrs: 72
07/29/2004	null	null	null	null	WOPL, SI hrs: 96
07/30/2004	null	null	null	null	WOPL, SI hrs: 120
07/31/2004	null	null	null	null	WOPL, SI hrs: 144
08/01/2004	null	null	null	null	WOPL, SI hrs: 168
08/02/2004	null	null	null	null	WOPL, SI hrs: 192
08/03/2004	null	null	null	null	WOPL, SI hrs: 216
08/04/2004	null	54	null	null	WOPL, SI hrs: 240 Gas Sample & G-2 taken
08/05/2004	null	null	null	null	WOPL, SI hrs: 264
08/06/2004	null	null	null	null	WOPL, SI hrs: 288
08/07/2004	null	null	null	null	WOPL, SI hrs: 312
08/08/2004	null	null	null	null	WOPL, SI hrs: 336
08/09/2004	null	null	null	null	WOPL, SI hrs: 360
08/10/2004	null	null	null	null	Open well to Pit on 28/64 Chk
08/11/2004	null	null	null	null	Flow to pit on 28/64 chk
08/12/2004	null	null	null	null	Flow to pit on 28/64 chk
08/13/2004	null	null	null	null	Flow to pit on 28/64 chk
08/14/2004	null	null	null	null	Flow to pit on 28/64 chk
08/15/2004	null	null	null	null	Flow to pit on 28/64 chk
08/16/2004	null	null	null	null	Flow to pit on 28/64 chk
08/17/2004	null	16	null	null	FCP and Shut In
08/18/2004	null	null	null	null	WOPL, SI hrs: 24
08/19/2004	null	null	null	null	WOPL, SI hrs: 48
08/20/2004	null	null	null	null	WOPL, SI hrs: 72
08/21/2004	null	null	null	null	WOPL, SI hrs: 96
08/22/2004	null	null	null	null	WOPL, SI hrs: 120
08/23/2004	null	null	null	null	WOPL, SI hrs: 144
08/24/2004	null	null	null	null	WOPL, SI hrs: 168
08/25/2004	null	null	null	null	WOPL, SI hrs: 192
08/26/2004	null	null	null	null	WOPL, SI hrs: 216
08/27/2004	null	null	null	null	WOPL, SI hrs: 240
08/28/2004	null	null	null	null	WOPL, SI hrs: 264
08/29/2004	null	null	null	null	WOPL, SI hrs: 288
08/30/2004	null	null	null	null	WOPL, SI hrs: 312
08/31/2004	null	null	null	null	WOPL, SI hrs: 336
09/30/2004	null	null	null	null	WOPL, SI hrs: 1056
10/31/2004	null	null	null	null	WOPL, SI hrs: 1800
11/30/2004	null	null	null	null	WOPL, SI hrs: 2520
12/31/2004	null	null	null	null	WOPL, SI hrs: 3264
2004	0	null	null	null	0.0

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