

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
8/10/05

API No. 15
023-20621-0000

Company Priority Oil & Gas LLC			Lease Rhoades		Well Number 1-8
County Cheyenne	Location S2/N2/N2/SW	Section 8	TWP 5S	RNG (E/W) 41	Acres Attributed
Field Cherry Creek		Reservoir Beecher Island	Gas Gathering Connection Priority Oil & Gas LLC		
Completion Date 072805		Plug Back Total Depth 1536	Packer Set at		
Casing Size 4.5 in	Weight 10.5 #	Internal Diameter 4.052	Set at 1548	Perforations 1369	To 1406
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) co2 frac		Type Fluid Production none	Pump Unit or Traveling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) casing		% Carbon Dioxide .83	% Nitrogen 4.75	Gas Gravity - G _g .5978	
Vertical Depth(H) 1585		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in <u>08/09</u> 20 <u>05</u> at <u>5:40</u> (AM) (PM) Taken _____ 20 ____ at _____ (AM) (PM)					
Well on Line: Started <u>08/10</u> 20 <u>05</u> at <u>5:50</u> (AM) (PM) Taken _____ 20 ____ at _____ (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in 24 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 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											
Flow	.625					279	293.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _o) (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

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _c) ² - (P _g) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _d 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: $\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]$	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 4th day of November, 20 05.

Witness (if any)

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 Priority Oil & Gas LLC 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 Rhoades 1-8 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: 11/04/05

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Signature: 
Title: VP Operations

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.

15-023-20621-00-00

8-5-41W

1-8 Rhoades Aug.'05 EFM Report.txt

EFM Report

Report Period	07-31-05 to 08-30-05	Run Selected	AGA #1
Meter Run Id.	1-8 Rhoades	Tag	Id. K0521-01
Station Name	Benkelman	Customer Name	NONE
Operator	LOI	Contract Hour	8
Report Date	Sep 08 14:31:26 2005	Report Disk	...8 Rhoades
Aug.aga			
Time Download	Sep 01 18:15:58 2005	Fisher ID	Fisher FCD
Version Name	w68123 Ver 2.12	Time Created	Mar 10, 2005
11:20			
ROM Serial #			

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Daily Volume Report

Energy	Avg	Average	Avg			Volume	
Accum	Flow	(hw)	(Pf)	Tf	OverFlow	Pressure	
Date,Time	Mins	In H2O	PSI	Deg F	Constant	Ext'n	
MMBTU							
						Accum	
						MCF	
08-08,08:00	1104.8	33.22	61.79	67.86	102.07	50.24	94.404
95.318							
08-09,08:00	1440.0	42.74	64.53	67.15	102.01	57.96	141.880
143.253							
08-10,08:00	1440.0	44.89	66.42	65.38	102.17	60.24	147.715
149.145							
08-11,08:00	1440.0	44.87	67.58	63.51	102.37	60.66	149.044
150.487							
08-12,08:00	1440.0	46.27	68.84	62.83	102.43	62.06	152.570
154.048							
08-13,08:00	1440.0	47.73	68.38	58.93	102.79	62.88	155.125
156.627							
08-14,08:00	1440.0	47.44	68.23	57.69	102.92	62.63	154.693
156.190							
08-15,08:00	1440.0	47.65	67.36	58.83	102.79	62.43	154.028
155.519							
08-16,08:00	1440.0	47.64	66.53	61.34	102.53	62.11	152.837
154.317							
08-17,08:00	1440.0	46.87	66.99	63.07	102.37	61.79	151.803
153.273							
08-18,08:00	1440.0	46.99	66.35	63.03	102.37	61.62	151.388
152.854							
08-19,08:00	1440.0	47.37	65.57	64.75	102.18	61.57	150.978
152.439							
08-20,08:00	1440.0	46.49	66.28	64.31	102.25	61.25	150.301
151.756							
08-21,08:00	1440.0	47.07	64.88	65.16	102.13	61.11	149.791

1-8 Rhoades Aug. '05 EFM Report.txt

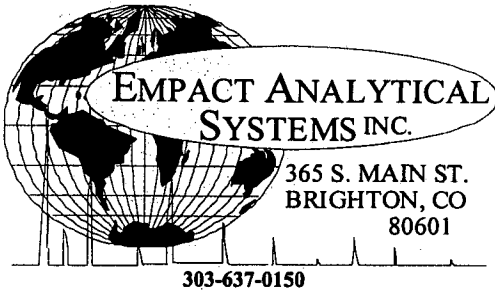
151.241							
08-22,08:00	1440.0	46.70	64.91	62.69	102.38	60.86	149.538
150.985							
08-23,08:00	1440.0	39.29	74.08	60.20	102.87	58.51	144.441
145.839							
08-24,08:00	1440.0	43.74	68.16	62.56	102.49	60.11	147.858
149.289							
08-25,08:00	1440.0	43.68	67.66	64.25	102.32	59.89	147.062
148.486							
08-26,08:00	1440.0	43.99	66.50	63.54	102.37	59.68	146.616
148.036							
08-27,08:00	1440.0	44.18	65.55	63.89	102.31	59.45	145.980
147.393							
08-28,08:00	1440.0	42.56	65.48	64.67	102.27	58.32	143.139
144.524							
08-29,08:00	1440.0	40.00	64.56	64.77	102.29	56.21	137.992
139.328							
08-30,08:00	1440.0	37.88	63.87	66.45	102.15	54.47	133.525
134.818							
08-31,08:00	1440.0	36.58	62.98	69.60	101.86	53.22	130.084
131.344							

=====
 Total 34224.9
 3516.510

3482.793

*****NO MORE DATA FOUND*****

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NATURAL GAS ANALYSIS

PROJECT NO. :	0509049	ANALYSIS NO. :	01
COMPANY NAME :	PRIORITY OIL & GAS	ANALYSIS DATE:	SEPTEMBER 11, 2005
ACCOUNT NO. :		SAMPLE DATE :	AUGUST 16, 2005
PRODUCER :		TO:	
LEASE NO. :	1-8	CYLINDER NO. :	1013
NAME/DESCRIP :	RHOADES		

*****FIELD DATA*****

SAMPLED BY :	K ANDREWS	AMBIENT TEMP.:	
SAMPLE PRES. :	66	GRAVITY :	
SAMPLE TEMP. :	66	VAPOR PRES. :	
COMMENTS :	SPOT PROBE		

<u>COMPONENTS</u>	<u>NORM. MOLE%</u>	<u>GPM @ 14.65</u>	<u>GPM @ 14.73</u>
HELIUM	0.10	-	-
HYDROGEN	0.03	-	-
OXYGEN/ARGON	0.05	-	-
NITROGEN	4.75	-	-
CO2	0.83	-	-
METHANE	92.03	-	-
ETHANE	1.51	0.402	0.404
PROPANE	0.47	0.129	0.130
ISOBUTANE	0.08	0.026	0.026
N-BUTANE	0.09	0.028	0.028
ISOPENTANE	0.03	0.011	0.011
N-PENTANE	0.02	0.007	0.007
HEXANES+	0.01	0.004	0.004
TOTAL	100.00	0.607	0.611

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BTU @ 60 DEG F	14.65	14.73
GROSS DRY REAL =	975.1	980.4
GROSS WET REAL =	958.0	963.4

RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F) : **0.5978**

COMPRESSIBILITY FACTOR : **0.99800**

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