

GENERAL INFORMATION

Client Information:

Company: Sam Gary Jr. & Associates

Contact: Tom Fertal

Site Information:

Contact: Tom Larsen

Well Information:

Name: Jellison OWWO

Location-Downhole: 10-33s-19w Comanche co Kansas

Test Information:

Company: Trilobite Testing Inc.

Representative: Paul Simpson

Supervisor:

Test Type: initial 4 pt

Test Unit:

Start Date: 2000/10/02 Start Time: 09:00:00

End Date: 2000/10/03 End Time: 14:10:00

1pt.	<u>115.00</u>	BHP buildup
4pt.	<u>295.00</u>	days@250
Gas Analysis	<u>60.00</u>	2nd Week
Mileage		3rd Week
<u>327 @.85</u>	278.00 <u>277.95</u>	4th Week
Total	<u>748</u>	
	747.95	

Remarks:

10-2 Paul Miles 138

10-3 Gary Miles 69 split w/Bunnell 4pt

9-28 Paul 120 miles to test Jellison / well not ready Tom called and turned him back

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
- Deliverability

TEST DATE: 10-3-00 **API No.** 15-033-20825

Company Samuel Gary Jr. & Associates		Lease Jellison			Well Number OWWO	
County Comanche	Location C SW SW		Section 10	TWP 33s	RNG(E/W) 19	Acres Attributed 80
Field Wildcat	Reservoir Mississippian			Gas Gathering Connection ANR		
Completion Date 10-2-00		Plug Back Total Depth 5386		Packer Set at		
Casing Size 5.500	Weight 15.500	Internal Diameter 4.995	Set at 5385		Perforations 5292	To 5300
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 5284		Perforations	To
Type Completion (Describe) Gas		Type Fluid Production			Pump Unit or Traveling Plunger?	
Producing Thru(Annulus/Tubing) Tubing		% Carbon Dioxide .369		% Nitrogen 2.161		Gas Gravity- Gg .619
Vertical Depth (H) 5296		Pressure Taps Flange			Meter Run Size 2.067	
Pressure Buildup: Shut in 9-29-00 @ 8:00am		TAKEN		10-2-00 @ 9:00am		
Well on Line: Started 10-2-00 @ 9:00am		TAKEN		10-3-00 @ 2:10pm		

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H ₂ O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P _w) (P _t) (P _c)		Tubing WellHead Press. (P _w) (P _t) (P _c)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						1633	1647	1633	1647	73.0	
Flow	1.250	96.0	24.00	79		1168	1182	1117	1131	24.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcf/d	GOR	G _m
8.000	110.4	51.47	1.2710	.9822	1.0080	518		.619

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 2713.9 (P_w)² = 1398.1 6.7 % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² = 12.32

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_d)^2}$ or $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" ---- or ---- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
2713.72	1315.86	2.062	.3144	.598	.1880	1.542	798
2701.61	1315.86	2.053	.3124	.598	.1868	1.538	796

OPEN FLOW 798 Mcfd @ 14.65 psia **DELIVERABILITY** 796 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 herein and that said report is true and correct. Executed this the _____ day of _____, 19 _____

Witness (if any)

For Company

For Commission

Checked by

I declare under penalty or 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 Samuel Gary Jr. & Associates and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the Jellison 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 incapable of producing at a daily rate in excess of 150 mcf/D

Date: _____

Signature: _____

Title: _____

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.