



1137739

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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improved oil & gas recovery

**CROSS-LINKED POLYMER GEL
WATER REDUCTION TREATMENT
JOB LOG AND SUMMARY PREPARED FOR:**



**BARRY LKC 4-12
BARRY FIELD
ROOKS COUNTY, KANSAS**

May 4, 2013



improved oil & gas recovery

BULK POLYMER GEL TREATMENT

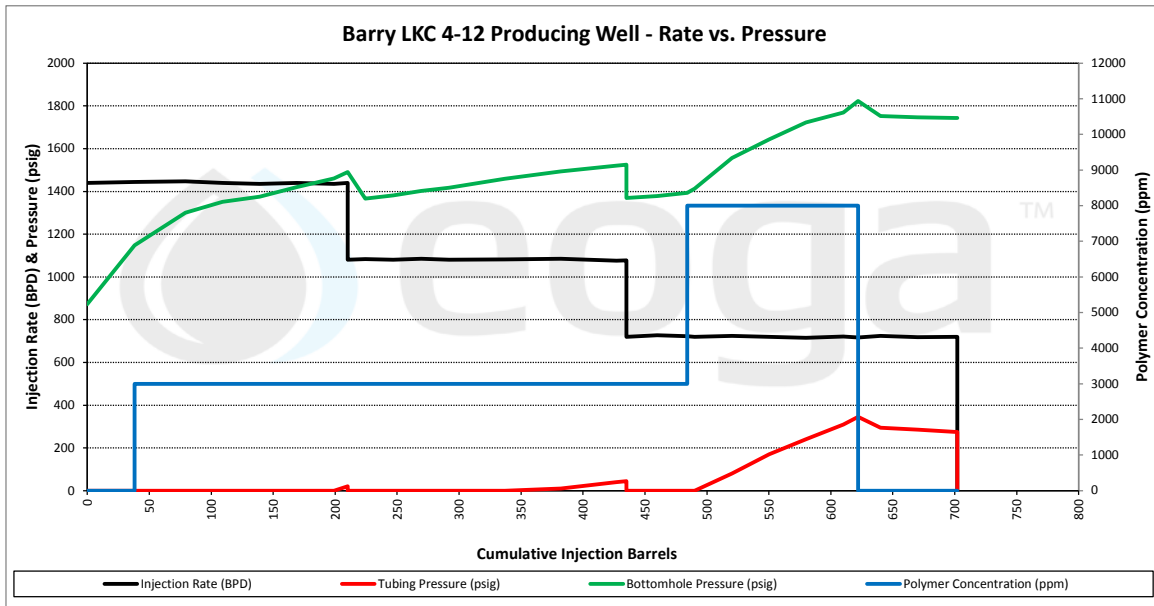
Morning Progress Report

Company Name: Citation Oil & Gas Corp.
Field Name: Barry
Well Name: Barry LKC 4-12

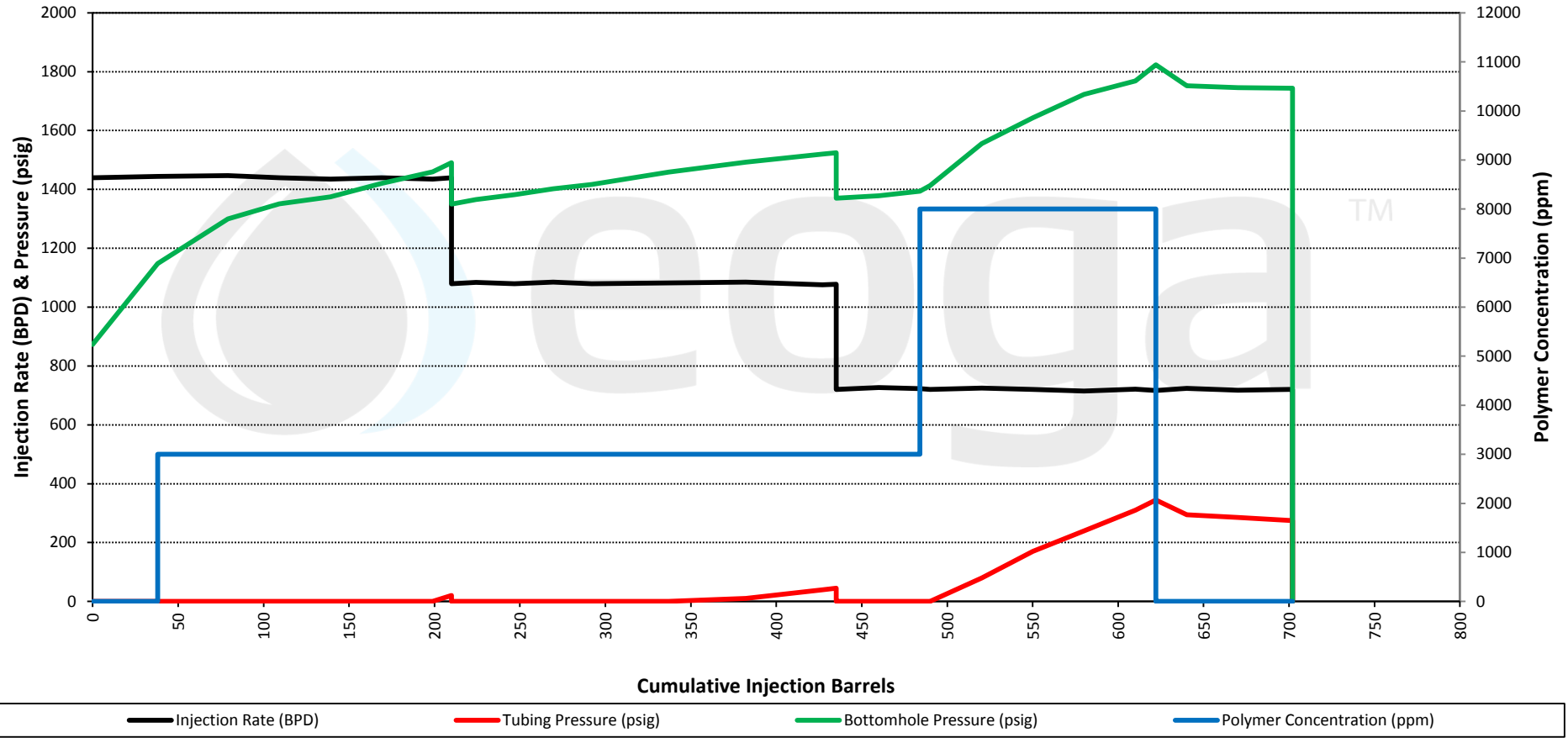
Location: Rooks Co., KS
Date: 5/4/2013
Est. Cum. Cost: \$8,700

The following is the most recent information available for the bulk polymer gel treatment that is in progress at the above captioned well.

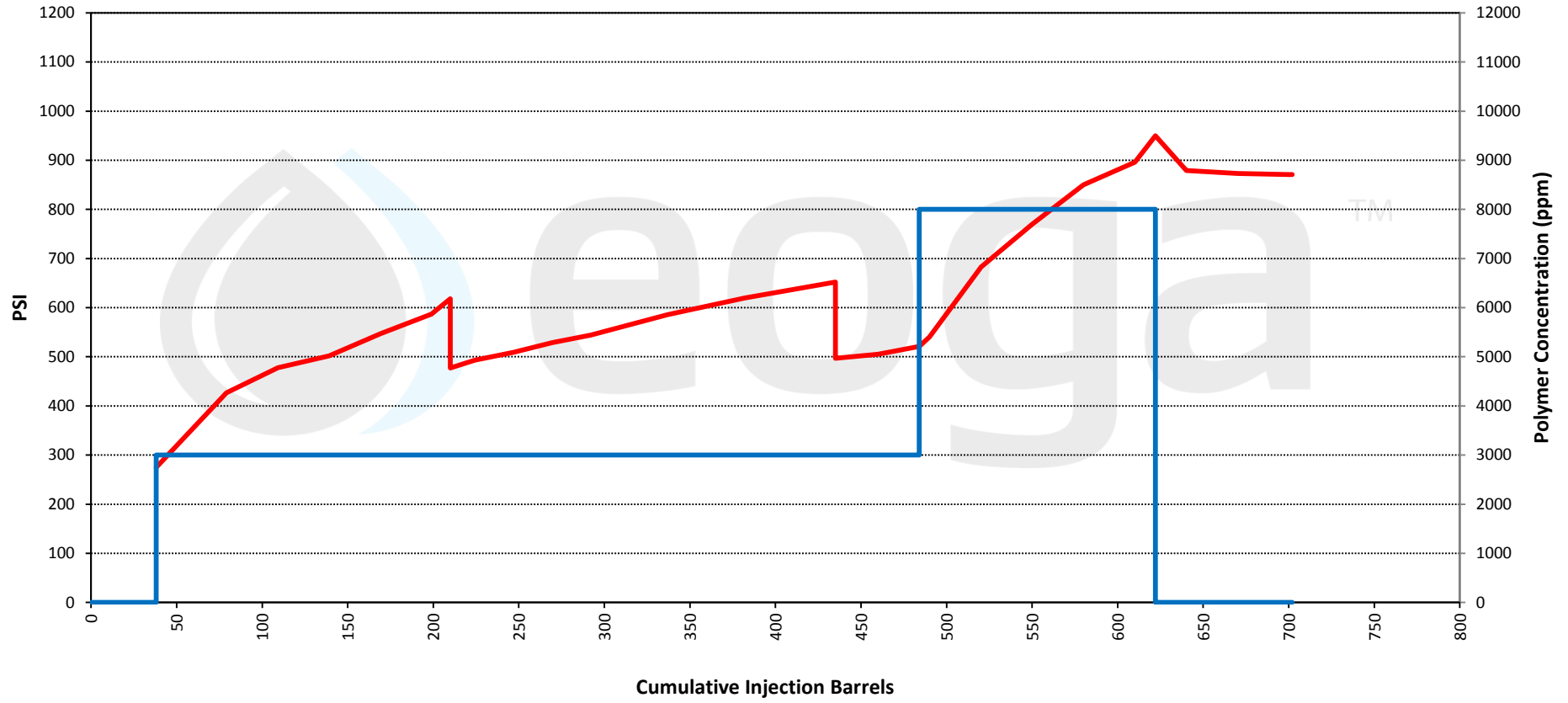
Stage No.	Begin Date	Begin Time	End Date	End Time	BG-100 Polymer		XL-100 Cross-linker		Gel Bbls.	WHP (psi)		BHP (psi)		Rate (BPM)		Comments
					Ppm	Lbs.	Ratio	Lbs.		Begin	End	Begin	End	Begin	End	
1	5/3/2013	12:41 PM	5/3/2013	1:19 PM	0	0		0	0	0	0	873	1148	1.00	1.00	38 barrels water
2	5/3/2013	1:19 PM	5/3/2013	10:48 PM	3000	468	40	102	446	0	0	1148	1394	1.00	0.50	
3	5/3/2013	10:48 PM	5/4/2013	3:24 AM	8000	386	40	84	138	0	345	1394	1823	0.50	0.50	
4	5/4/2013	3:24 AM	5/4/2013	6:04 AM	0	0		0	0	345	275	1823	1744	0.50	0.50	80 barrels water
Totals						854		186	584							



Barry LKC 4-12 Producing Well - Rate vs. Pressure



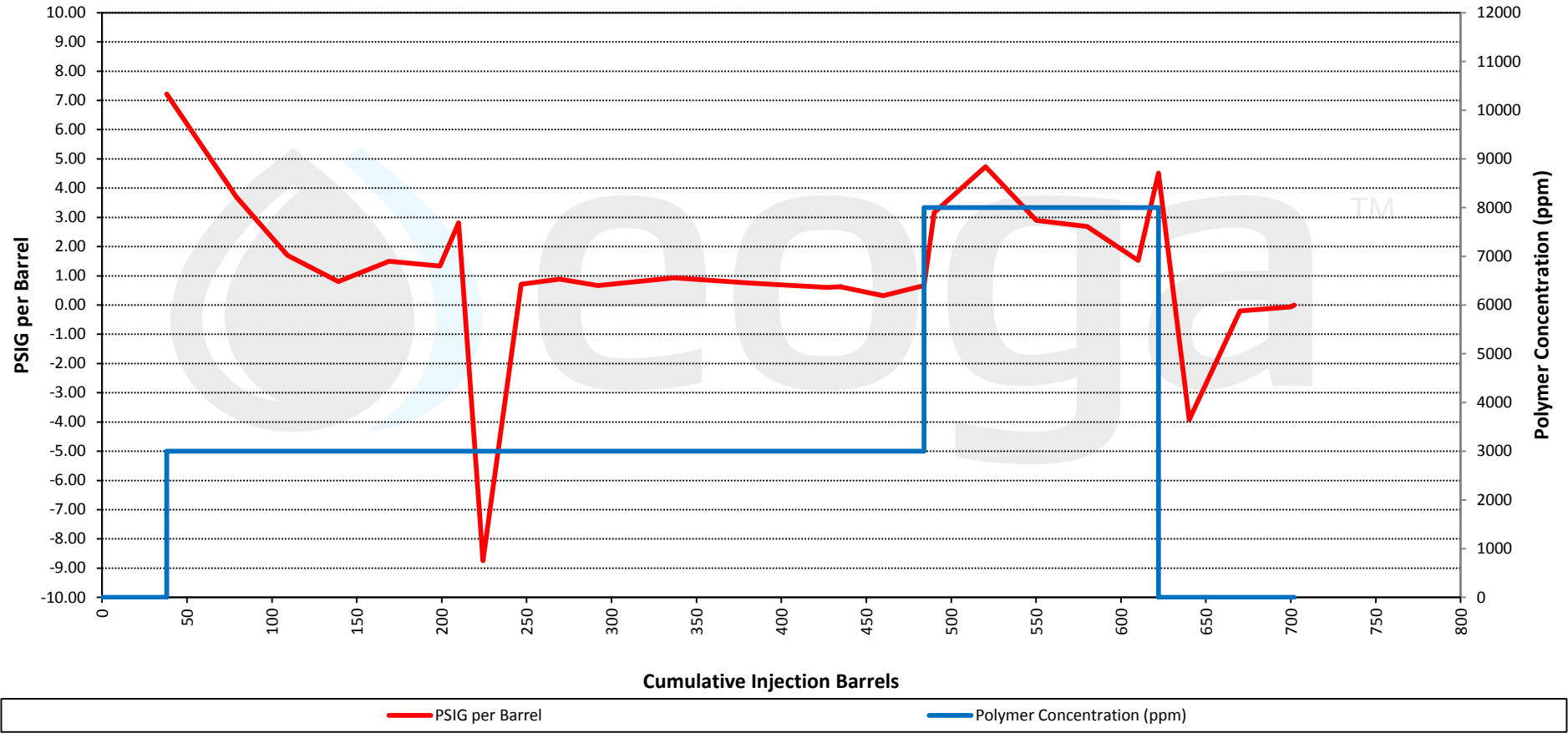
Barry LKC 4-12 Producing Well - Δp (from Beginning BHP)



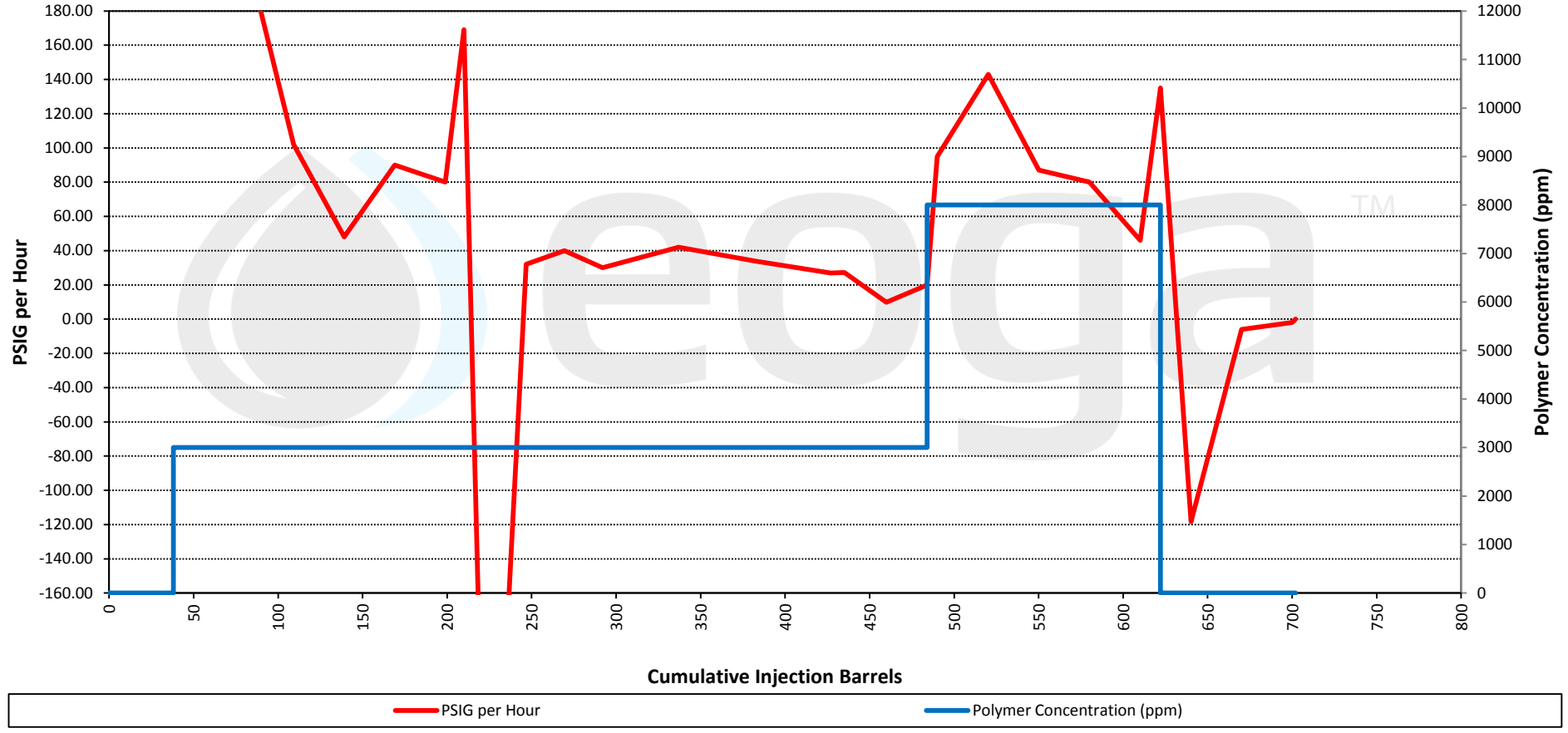
— Differential Pressure

— Polymer Concentration (ppm)

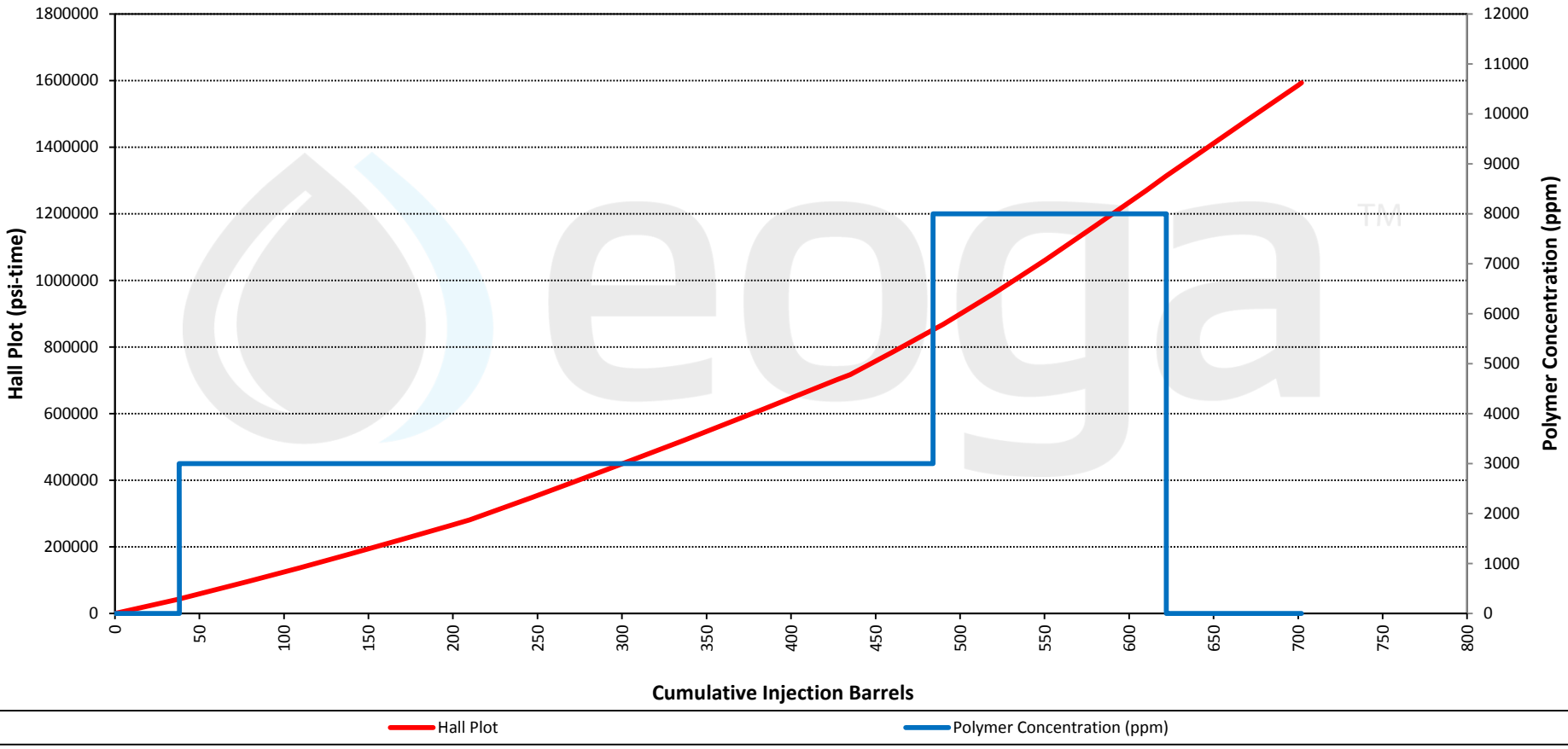
Barry LKC 4-12 Producing Well - PSIG per Barrel



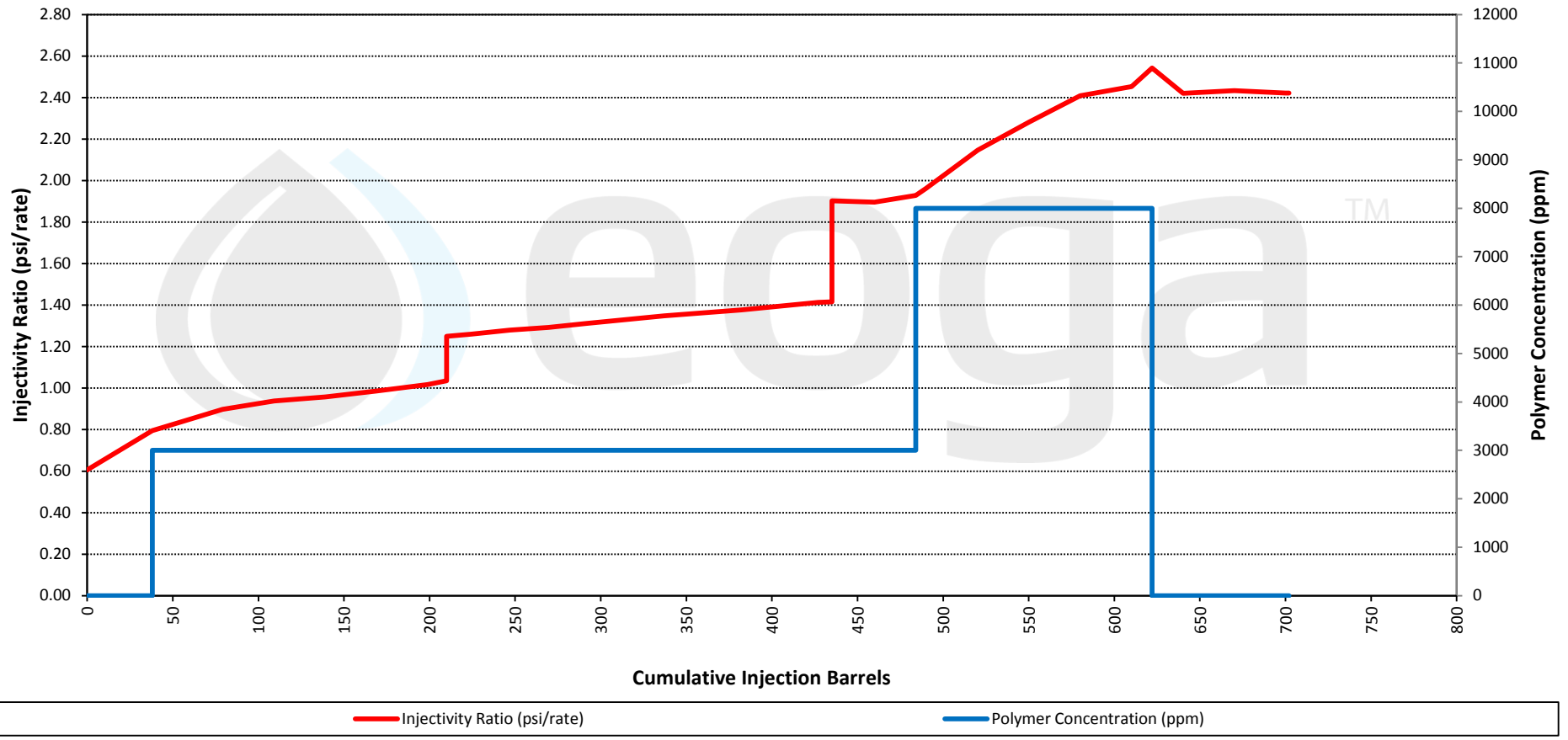
Barry LKC 4-12 Producing Well - PSIG per Hour



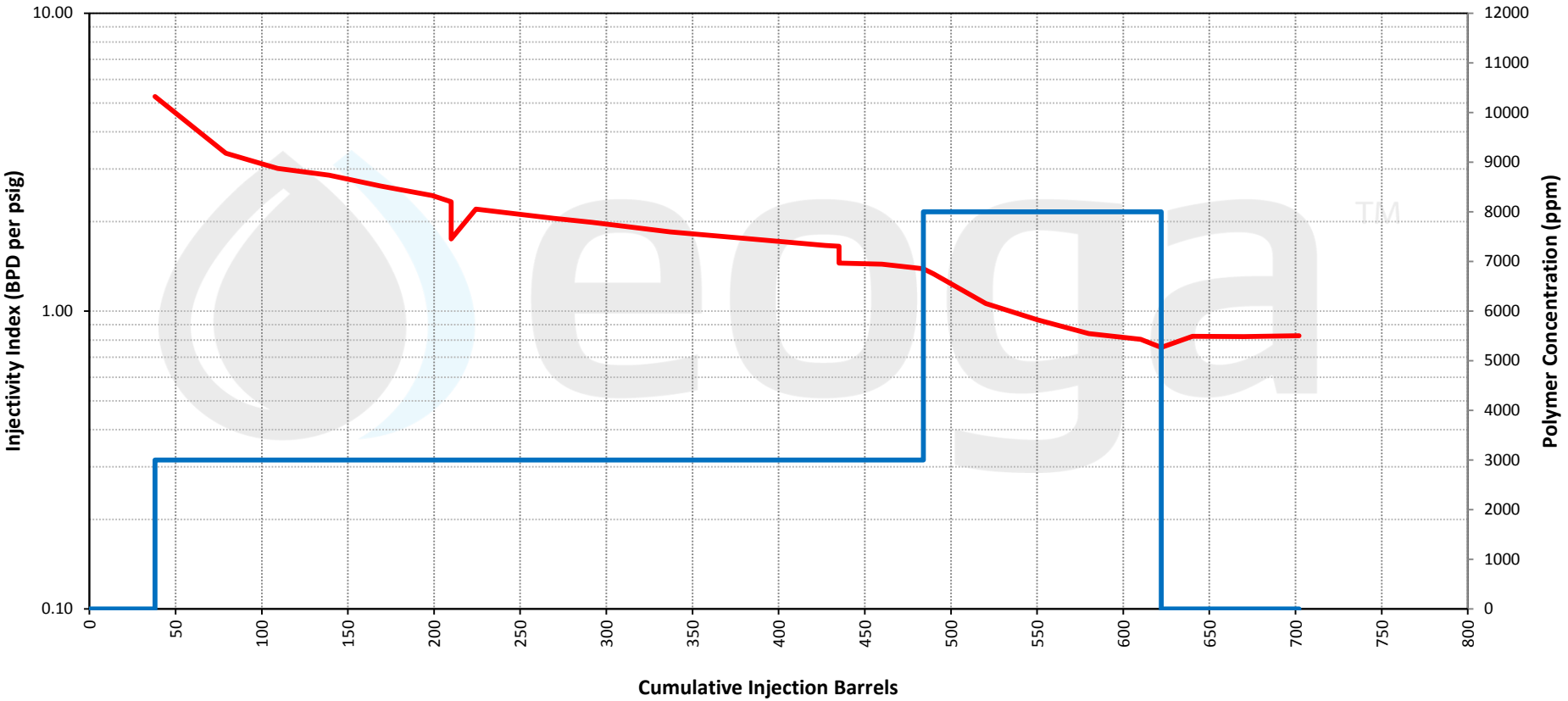
Barry LKC 4-12 Producing Well - Hall Plot



Barry LKC 4-12 Producing Well - Injectivity Ratio (PSI/Rate)

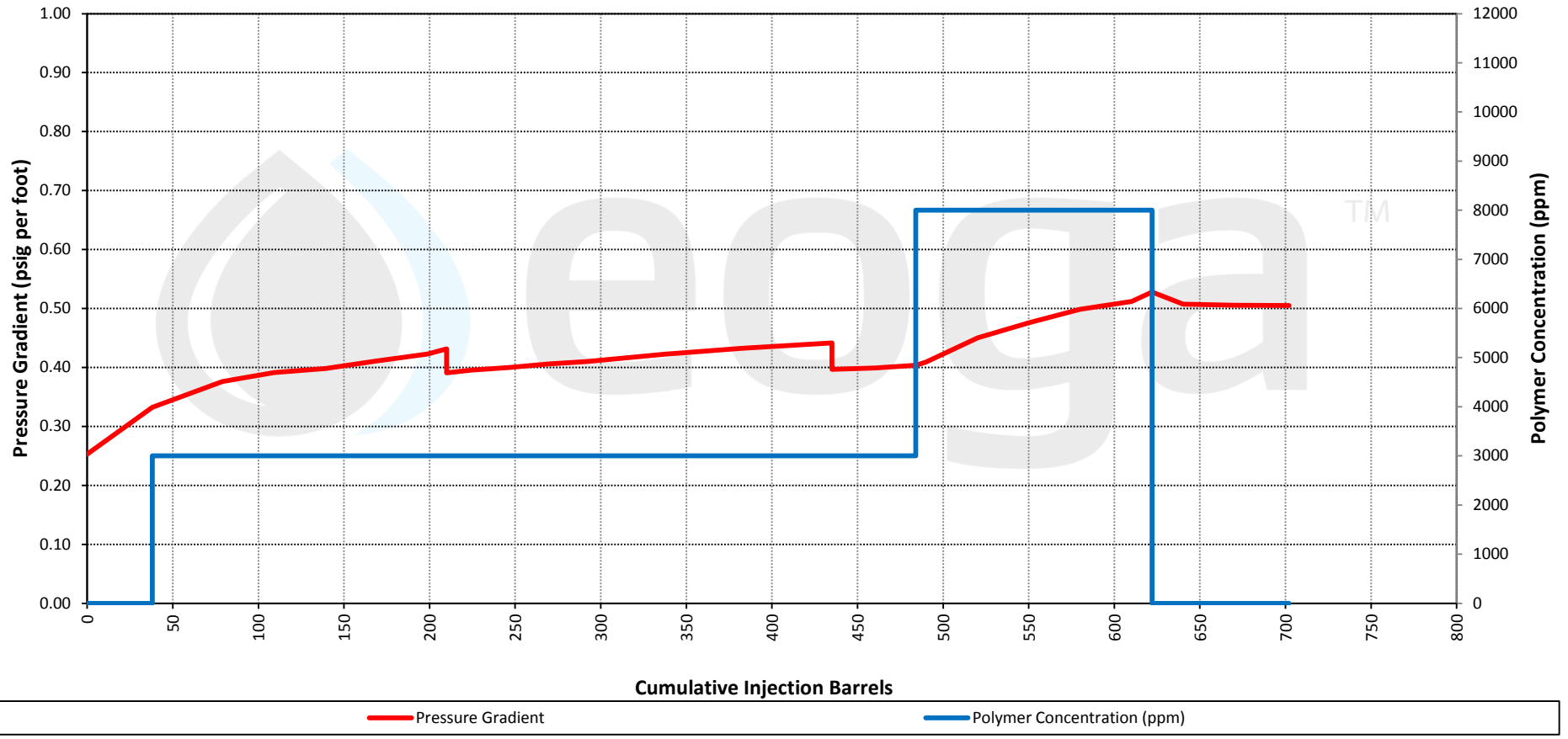


Barry LKC 4-12 Producing Well - Injectivity Index



— Injectivity Index — Polymer Concentration (ppm)

Barry LKC 4-12 Producing Well - Pressure Gradient



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

May 28, 2013

Liana Ramirez
Citation Oil & Gas Corp.
14077 Cutten Rd
PO BOX 690688
HOUSTON, TX 77269-0688

Re: ACO1
API 15-163-02293-00-01
BARRY LKC UNIT 4-12
NW/4 Sec.02-09S-19W
Rooks County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Liana Ramirez