



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Confidentiality Requested:

Yes No

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1134323

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	Baumer B 61
Doc ID	1134323

All Electric Logs Run

Micro Log
Compensated Neutron Log
Dual Induction Log
Geologist Drill Log

Summary of Changes

Lease Name and Number: Baumer B 61

API/Permit #: 15-051-26443-00-00

Doc ID: 1134323

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	04/10/2013	04/18/2013
Lease Name	Baumer	Baumer B
Save Link	../..kcc/detail/operatorEditDetail.cfm?docID=1122496	../..kcc/detail/operatorEditDetail.cfm?docID=1134323



CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

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

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	Baumer 61
Doc ID	1122496

All Electric Logs Run

Micro Log
Compensated Neutron Log
Dual Induction Log
Geologist Drill Log

Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	Baumer 61
Doc ID	1122496

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	3425' - 3432', 3444' - 3448'	1500 gals 15% HCL acid	3448'
6	3425'-3448'	Polymer Gel Treatment: Stages 1-7	3448'

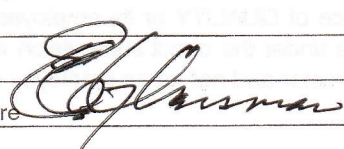
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6422

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-27-13	27	11	17	ELLIS	KANSAS		12:15 AM
Lease BAUMER				Location CATHERINE E TO CORRELL RD N TO RIVER RD 20' N/INTO		Well No. #61	
Contractor DUKE #10				Owner CITATION OIL		To Quality Oilwell Cementing, Inc.	
Type Job L. SURFACE				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4"		T.D. 1184'		Charge To CITATION OIL			
Csg. 8 5/8"		Depth 1177'		Street 14077 CUTTEN RD.			
Tbg. Size		Depth		City HOUSTON, State TX, 77269			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint 80.77		Cement Amount Ordered 500 com - 3cc - 295L			
Meas Line		Displace 69 3/4 BBLs					
EQUIPMENT				Common 500			
Pumptrk #15	No.	Cementer Helper NICK W.		Poz. Mix			
Bulktrk #12	No.	Driver CLAYTON B.		Gel. 10			
Bulktrk P/U	No.	Driver CTSAD A.		Calcium 18			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
				Handling 528			
CEMENT DID CIRCULATE 6				Mileage			
				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer 10-8 5/8"			
				Baskets			
				AEU Inserts 2 Lock Rings			
				Float Shoe			
				Latch Down			
				1- 8 5/8 BAFFLE PLATE			
				1- 8 5/8 RUBBER PLUG			
				Pumptrk Charge Long Surface			
				Mileage 21			
				Tax			
				Discount			
				Total Charge			
X Signature 							

THANK YOU!

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

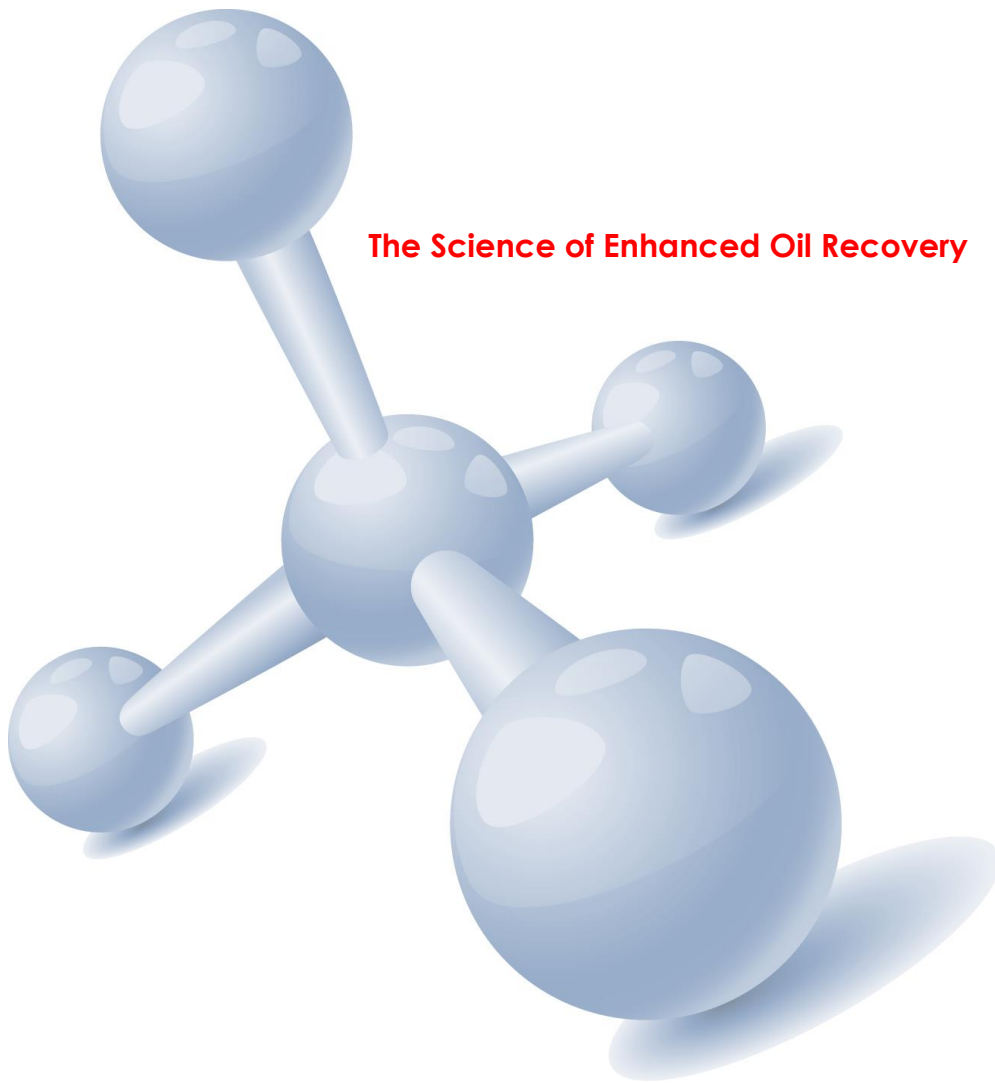
Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 6452

Cell 785-324-1041

Date	3.4.13	Sec.	27	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	2:30 p.m.
Lease								Well No.		Owner					
Contractor								Well No. 61		To Quality Oilwell Cementing, Inc.					
Type Job										You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size								T.D.		Charge To					
Csg.								Depth		Street					
Tbg. Size								Depth		City					
Tool								Depth		State					
Cement Left in Csg.								Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line								Displace		Cement Amount Ordered					
EQUIPMENT										Common					
										235					
Pumptrk								No.		Poz. Mix					
Bulktrk								No.		Gel.					
Bulktrk								No.		Calcium					
JOB SERVICES & REMARKS										Hulls					
										Salt					
Remarks:										Flowseal					
Rat Hole										Kol-Seal					
Mouse Hole										Mud CLR 48					
Centralizers										CFL-117 or CD110 CAF 38					
Baskets										Sand					
D/V or Port Collar										Handling					
5 1/2 Set @ 3513.50. Insert @ 3429.15. Est. Circulation - Pump 500 gal mud clear 10BL spacer. Plug Rathole - Cement 5 1/2 with 205SK. Clear lines + Displace Plug. Plug landed @ 1500ft. Held. Release Pressure. Dry.										Mileage					
								FLOAT EQUIPMENT							
										Guide Shoe					
										Centralizer					
										Baskets					
										AFU Inserts					
										Float Shoe					
										Latch Down					
										Pumptrk Charge					
										Mileage					
										Tax					
										Discount					
										Total Charge					
Signature															



The Science of Enhanced Oil Recovery

Treatment Summary For

Citation Oil & Gas Corp.

MARCITsm Gel Conformance

Bemis-Shutts

Baumer #61

Ellis County, Kansas

March 27, 2013

TIORCO
A NALCO & STEPAN COMPANY

TREATMENT SUMMARY

PURPOSE

Use MARCITsm polymer gel technology to 1) decrease water production, 2) lower producing fluid level, 3) improve draw-down on oil-saturated reservoir matrix rock, 4) improve oil recovery and well economics.

TREATMENT

TIORCO equipment and personnel arrived on location on March 17, 2013. A tailgate safety meeting was held to discuss all potential hazards specific to the job. TIORCO's Portable Unit #17 was connected to frac tanks for treatment supply water and to the wellhead for polymer solution injection. The unit was then connected to an electrical source. The treatment consisted of 5,338 BBLS of gel. The treatment started on March 17, 2013 at 08:35 and ended on March 22, 2013 at 09:44. The gel was made-up of 10,560 lbs. of EOR204 (Medium molecular weight polymer) and 2,294 lbs. of EOR684 (crosslinker). Details for each stage of the treatment, job log, and injection charts are included.

MARCITsm GEL QA/QC

Representative samples of cross-linked polymer solution were collected during all treatment stages to ensure that the intended gels would ultimately form. Pre-gel samples were stored at a temperature of 120°F in an oven onboard the TIORCO portable polymer injection unit. All samples indicated that gels formed as intended.

TIORCO is very interested in monitoring and evaluating the results of this treatment with time. If you should have questions or comments regarding the job, please do not hesitate to contact Mike Lantz in our Denver office at (303) 923-6440. We greatly appreciate the opportunity to be of service to Citation Oil & Gas Corp. and look forward to working with you again in the future.



TREATMENT STAGE LOG

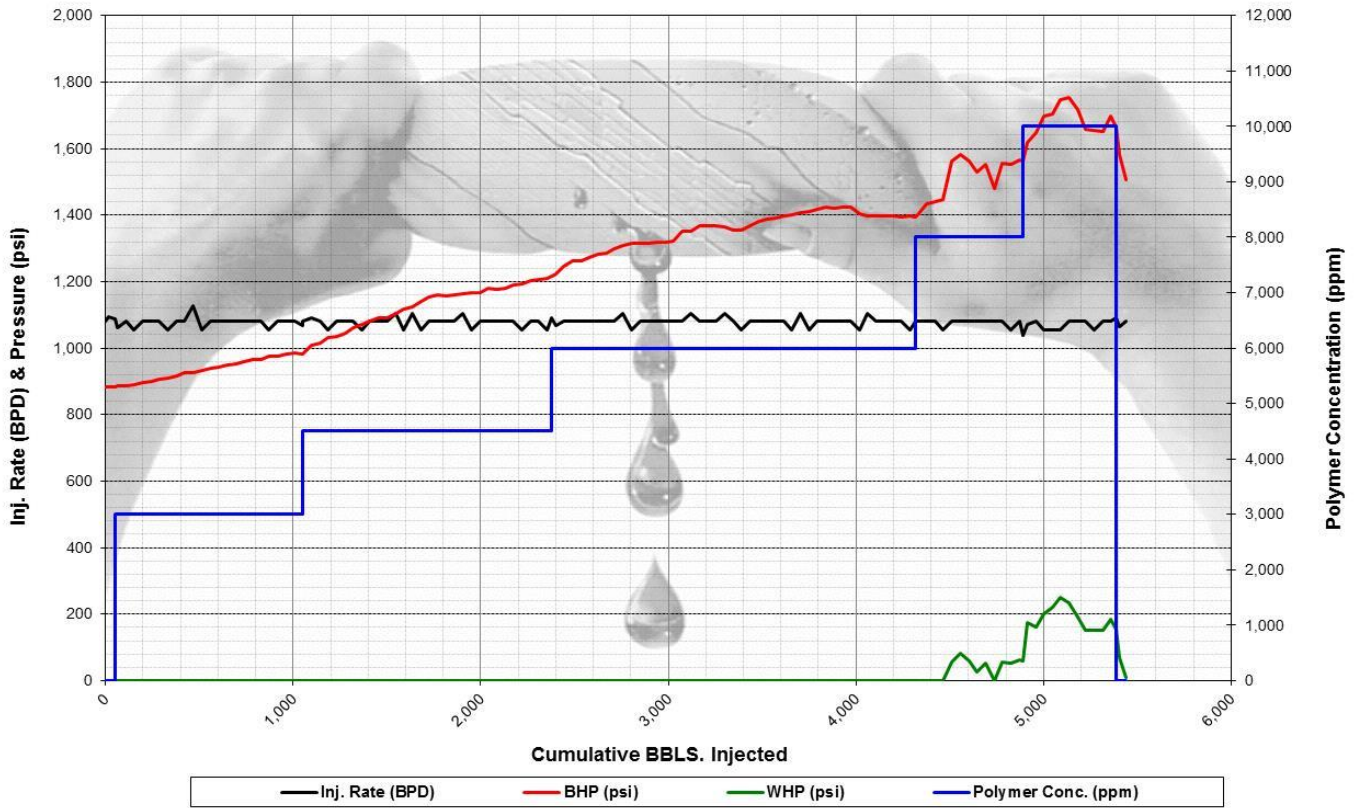
Stage	Date	Time	Date	Time	Polymer ppm	BBSL / Stage	WHP (psi)		BHP (psi)		Pump Rate (bpd)		Comments
	Begin	Begin	End	End			Begin	End	Begin	End	Begin	End	
1	3/17/13	8:35 AM	3/17/13	9:41 AM	0	50	0	VAC	882	884	1,080	1,080	Stage # 1: Water Flush with RU189 and K-31w
2	3/17/13	9:41 AM	3/18/13	7:58 AM	3,000	1,000	VAC	VAC	884	983	1,080	1,080	Stage # 2: 3,000 PPM With K-31w
3	3/18/13	7:58 AM	3/19/13	1:29 PM	4,500	1,325	VAC	VAC	983	1,215	1,080	1,080	Stage # 3: 4,500 PPM with K-31w
4	3/19/13	1:29 PM	3/21/13	8:40 AM	6,000	1,942	VAC	VAC	1,215	1,395	1,080	1,080	Stage # 4: 6,000 PPM with K-31w
5	3/21/13	8:40 AM	3/21/13	9:25 PM	8,000	571	VAC	60	1,395	1,562	1,080	1,080	Stage # 5: 8,000 PPM with K-31w
6	3/21/13	9:25 PM	3/22/13	8:37 AM	10,000	500	60	155	1,562	1,663	1,080	1,080	Stage # 6: 10,000 PPM with K-31w
7	3/22/13	8:37 AM	3/22/13	9:44 AM	0	50	155	10	1,663	1,505	1,080	1,080	Stage # 7: Water Flush with RU189 and K-31w
Totals						5,438							

MARCITSM GEL QA/QC

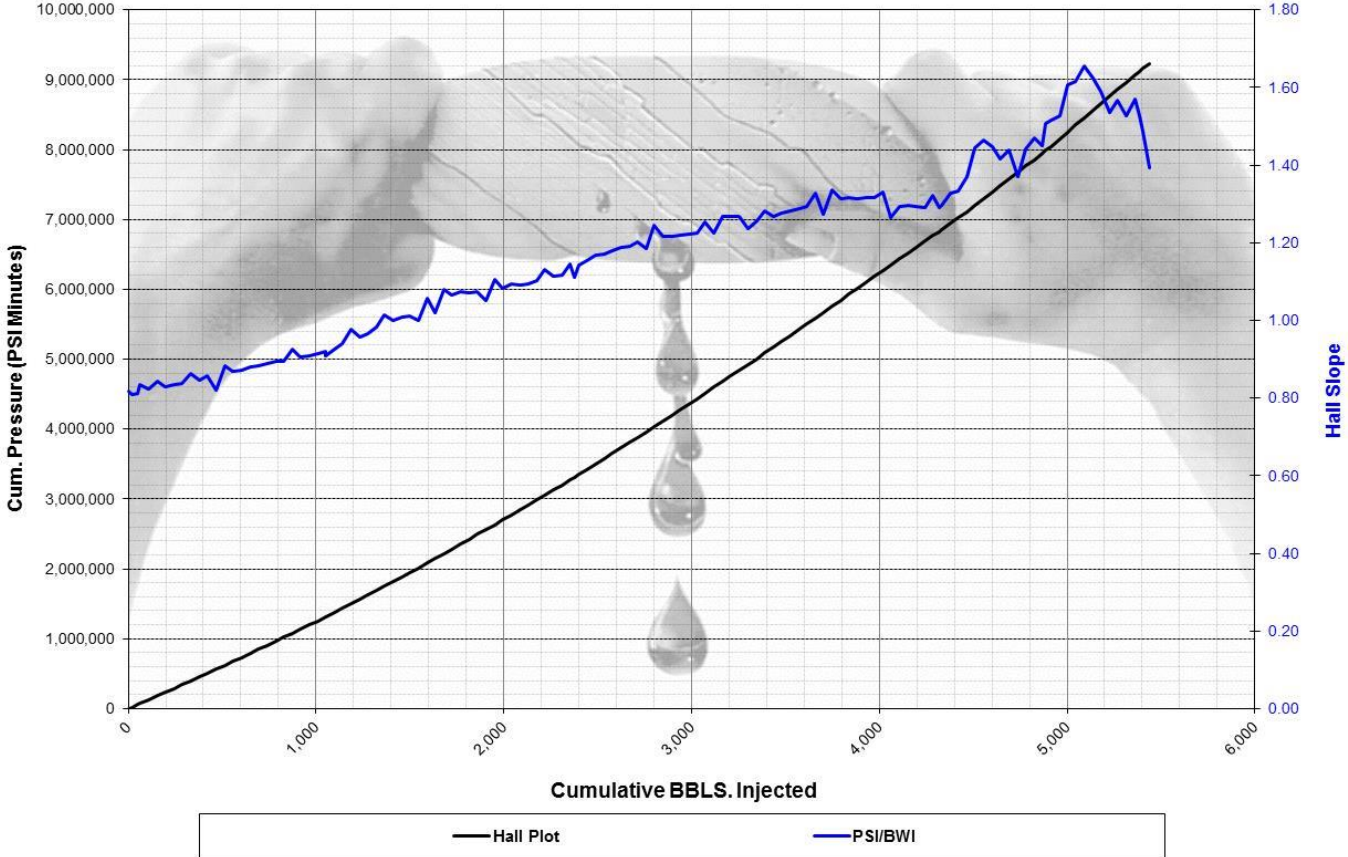
Sample No.	Treatment Stage	Sample Date	Sample Time	Cum. Bbls.	Polymer ppm	Polymer:X-Linker Ratio	Comments
1	2	03/17/13	11:00	109	3,000	40:1	Graded 3g
2	2	03/18/13	00:00	693	3,000	40:1	Graded 3g
3	2	03/18/13	07:00	1,007	3,000	40:1	Graded 3g
4	3	03/18/13	09:00	1,097	4,500	40:1	Graded 3g
5	3	03/19/13	01:00	1,815	4,500	40:1	Graded 4g
6	3	03/19/13	13:00	2,353	4,500	40:1	Graded 4g
7	4	03/19/13	15:00	2,443	6,000	40:1	Graded 5g
8	4	03/20/13	01:00	2,893	6,000	40:1	Graded 5g
9	4	03/20/13	12:00	3,389	6,000	40:1	Graded 6g
10	4	03/21/13	02:00	4,017	6,000	40:1	Graded 5g
11	5	03/21/13	10:00	4,377	8,000	40:1	Graded 7g
12	5	03/21/13	21:20	4,885	8,000	40:1	Graded 7g
13	6	03/22/13	00:00	5,003	10,000	40:1	Graded 9e
14	6	03/22/13	07:00	5,315	10,000	40:1	Graded 9e



RATE, PRESSURE, & CONCENTRATION



HALL SLOPE



TREATMENT JOB LOG

DATE	TIME	INJECTION RATE		CUM. INJ BBLs	WHP PSI	BHP PSI	HALL SLOPE	Polymer PPM	POLYMER LBS: Estimate	COMMENTS
		BPD	BPM							
17-Mar-13	8:35	1,080	0.75	0	0	882	0.82	0	0	Begin Well Treatment - Stage #1: Water Flush with Champion RU189 and K-31w
17-Mar-13	9:00	1,094	0.76	19	0	884	0.81	0	0	
17-Mar-13	9:41	1,089	0.76	50	0	884	0.81	0	0	End Stage # 1
17-Mar-13	9:41	1,089	0.76	50	0	884	0.81	3,000	0	Begin Stage # 2: 3,000 PPM with Champion K-31w
17-Mar-13	10:00	1,061	0.74	64	0	885	0.83	3,000	15	
17-Mar-13	11:00	1,080	0.75	109	0	888	0.82	3,000	62	Took Sample # 1: 3,000 PPM: Graded 3g
17-Mar-13	12:00	1,056	0.73	153	0	891	0.84	3,000	108	
17-Mar-13	13:00	1,080	0.75	198	0	895	0.83	3,000	155	
17-Mar-13	14:00	1,080	0.75	243	0	900	0.83	3,000	202	
17-Mar-13	15:00	1,080	0.75	288	0	906	0.84	3,000	250	
17-Mar-13	16:00	1,056	0.73	332	0	911	0.86	3,000	296	
17-Mar-13	17:00	1,080	0.75	377	0	915	0.85	3,000	343	
17-Mar-13	18:00	1,080	0.75	422	0	925	0.86	3,000	390	
17-Mar-13	19:00	1,128	0.78	469	0	927	0.82	3,000	440	
17-Mar-13	20:00	1,056	0.73	513	0	934	0.88	3,000	486	
17-Mar-13	21:00	1,080	0.75	558	0	938	0.87	3,000	533	
17-Mar-13	22:00	1,080	0.75	603	0	941	0.87	3,000	580	
17-Mar-13	23:00	1,080	0.75	648	0	950	0.88	3,000	627	
18-Mar-13	0:00	1,080	0.75	693	0	953	0.88	3,000	674	Took Sample # 2: 3,000 PPM: Graded 3g
18-Mar-13	1:00	1,080	0.75	738	0	960	0.89	3,000	722	
18-Mar-13	2:00	1,080	0.75	783	0	965	0.89	3,000	769	
18-Mar-13	3:00	1,080	0.75	828	0	966	0.89	3,000	816	
18-Mar-13	4:00	1,056	0.73	872	0	977	0.93	3,000	862	
18-Mar-13	5:00	1,080	0.75	917	0	977	0.90	3,000	909	
18-Mar-13	6:00	1,080	0.75	962	0	982	0.91	3,000	957	
18-Mar-13	7:00	1,080	0.75	1,007	0	987	0.91	3,000	1,004	Took Sample # 3: Graded 3g
18-Mar-13	7:58	1,068	0.74	1,050	0	983	0.92	3,000	1,049	End Stage #2
18-Mar-13	7:58	1,068	0.74	1,050	0	983	0.92	4,500	1,049	Begin Stage #3: 4,500 PPM with Champion K-31w
18-Mar-13	8:00	1,080	0.75	1,052	0	983	0.91	4,500	1,051	
18-Mar-13	9:00	1,092	0.76	1,097	0	1,010	0.92	4,500	1,123	Took Sample #4: Graded 3g
18-Mar-13	10:00	1,080	0.75	1,142	0	1,016	0.94	4,500	1,194	
18-Mar-13	11:00	1,056	0.73	1,186	0	1,031	0.98	4,500	1,263	
18-Mar-13	12:00	1,080	0.75	1,231	0	1,035	0.96	4,500	1,334	
18-Mar-13	13:00	1,080	0.75	1,276	0	1,044	0.97	4,500	1,405	
18-Mar-13	14:00	1,080	0.75	1,321	0	1,062	0.98	4,500	1,475	
18-Mar-13	15:00	1,056	0.73	1,365	0	1,071	1.01	4,500	1,545	
18-Mar-13	16:00	1,080	0.75	1,410	0	1,080	1.00	4,500	1,615	
18-Mar-13	17:00	1,080	0.75	1,455	0	1,090	1.01	4,500	1,686	
18-Mar-13	18:00	1,080	0.75	1,500	0	1,092	1.01	4,500	1,757	
18-Mar-13	19:00	1,104	0.77	1,546	0	1,104	1.00	4,500	1,829	
18-Mar-13	20:00	1,056	0.73	1,590	0	1,117	1.06	4,500	1,899	
18-Mar-13	21:00	1,104	0.77	1,636	0	1,125	1.02	4,500	1,971	
18-Mar-13	22:00	1,056	0.73	1,680	0	1,140	1.08	4,500	2,040	
18-Mar-13	23:00	1,080	0.75	1,725	0	1,152	1.07	4,500	2,111	
19-Mar-13	0:00	1,080	0.75	1,770	0	1,161	1.08	4,500	2,182	
19-Mar-13	1:00	1,080	0.75	1,815	0	1,157	1.07	4,500	2,253	Took Sample #5: Graded 4g
19-Mar-13	2:00	1,080	0.75	1,860	0	1,160	1.07	4,500	2,323	
19-Mar-13	3:00	1,104	0.77	1,906	0	1,162	1.05	4,500	2,396	
19-Mar-13	4:00	1,056	0.73	1,950	0	1,166	1.10	4,500	2,465	
19-Mar-13	5:00	1,080	0.75	1,995	0	1,168	1.08	4,500	2,536	
19-Mar-13	6:00	1,080	0.75	2,040	0	1,180	1.09	4,500	2,607	
19-Mar-13	7:00	1,080	0.75	2,085	0	1,177	1.09	4,500	2,677	
19-Mar-13	8:00	1,080	0.75	2,130	0	1,181	1.09	4,500	2,748	
19-Mar-13	9:00	1,080	0.75	2,175	0	1,191	1.10	4,500	2,819	
19-Mar-13	10:00	1,056	0.73	2,219	0	1,193	1.13	4,500	2,888	
19-Mar-13	11:00	1,080	0.75	2,264	0	1,203	1.11	4,500	2,959	
19-Mar-13	12:00	1,080	0.75	2,309	0	1,205	1.12	4,500	3,030	
19-Mar-13	13:00	1,056	0.73	2,353	0	1,208	1.14	4,500	3,099	Took Sample #6: Graded 4g
19-Mar-13	13:29	1,092	0.76	2,375	0	1,215	1.11	4,500	3,134	End Stage # 3
19-Mar-13	13:29	1,092	0.76	2,375	0	1,215	1.11	6,000	3,134	Begin Stage #4: 6,000 PPM with Champion K-31w
19-Mar-13	14:00	1,068	0.74	2,398	0	1,222	1.14	6,000	3,182	



DATE	TIME	INJECTION RATE		CUM. INJ BBLs	WHP PSI	BHP PSI	HALL SLOPE	Polymer PPM	POLYMER LBS: Estimate	COMMENTS
		BPD	BPM							
19-Mar-13	15:00	1,080	0.75	2,443	0	1,246	1.15	6,000	3,276	Took Sample #7: Graded 5g
19-Mar-13	16:00	1,080	0.75	2,488	0	1,261	1.17	6,000	3,371	
19-Mar-13	17:00	1,080	0.75	2,533	0	1,264	1.17	6,000	3,465	
19-Mar-13	18:00	1,080	0.75	2,578	0	1,273	1.18	6,000	3,560	
19-Mar-13	19:00	1,080	0.75	2,623	0	1,283	1.19	6,000	3,654	
19-Mar-13	20:00	1,080	0.75	2,668	0	1,287	1.19	6,000	3,748	
19-Mar-13	21:00	1,080	0.75	2,713	0	1,297	1.20	6,000	3,843	
19-Mar-13	22:00	1,104	0.77	2,759	0	1,307	1.18	6,000	3,939	
19-Mar-13	23:00	1,056	0.73	2,803	0	1,314	1.24	6,000	4,032	
20-Mar-13	0:00	1,080	0.75	2,848	0	1,314	1.22	6,000	4,126	
20-Mar-13	1:00	1,080	0.75	2,893	0	1,314	1.22	6,000	4,220	Took Sample #8: Graded 5g
20-Mar-13	2:00	1,080	0.75	2,938	0	1,317	1.22	6,000	4,315	
20-Mar-13	3:00	1,080	0.75	2,983	0	1,320	1.22	6,000	4,409	
20-Mar-13	4:00	1,080	0.75	3,028	0	1,323	1.23	6,000	4,504	
20-Mar-13	5:00	1,080	0.75	3,073	0	1,353	1.25	6,000	4,598	
20-Mar-13	6:00	1,104	0.77	3,119	0	1,353	1.23	6,000	4,695	
20-Mar-13	7:00	1,080	0.75	3,164	0	1,368	1.27	6,000	4,789	
20-Mar-13	8:00	1,080	0.75	3,209	0	1,368	1.27	6,000	4,883	
20-Mar-13	9:00	1,080	0.75	3,254	0	1,368	1.27	6,000	4,978	
20-Mar-13	10:00	1,104	0.77	3,300	0	1,366	1.24	6,000	5,074	
20-Mar-13	11:00	1,080	0.75	3,345	0	1,356	1.26	6,000	5,169	
20-Mar-13	12:00	1,056	0.73	3,389	0	1,354	1.28	6,000	5,261	Took Sample #9: Graded 6g
20-Mar-13	13:00	1,080	0.75	3,434	0	1,369	1.27	6,000	5,355	
20-Mar-13	14:00	1,080	0.75	3,479	0	1,380	1.28	6,000	5,450	
20-Mar-13	15:00	1,080	0.75	3,524	0	1,386	1.28	6,000	5,544	
20-Mar-13	16:00	1,080	0.75	3,569	0	1,392	1.29	6,000	5,639	
20-Mar-13	17:00	1,080	0.75	3,614	0	1,396	1.29	6,000	5,733	
20-Mar-13	18:00	1,056	0.73	3,658	0	1,401	1.33	6,000	5,825	
20-Mar-13	19:00	1,104	0.77	3,704	0	1,406	1.27	6,000	5,922	
20-Mar-13	20:00	1,056	0.73	3,748	0	1,410	1.34	6,000	6,014	
20-Mar-13	21:00	1,080	0.75	3,793	0	1,417	1.31	6,000	6,109	
20-Mar-13	22:00	1,080	0.75	3,838	0	1,423	1.32	6,000	6,203	
20-Mar-13	23:00	1,080	0.75	3,883	0	1,420	1.31	6,000	6,297	
21-Mar-13	0:00	1,080	0.75	3,928	0	1,423	1.32	6,000	6,392	
21-Mar-13	1:00	1,080	0.75	3,973	0	1,423	1.32	6,000	6,486	
21-Mar-13	2:00	1,056	0.73	4,017	0	1,405	1.33	6,000	6,578	Took Sample #10: Graded 5g
21-Mar-13	3:00	1,104	0.77	4,063	0	1,398	1.27	6,000	6,675	
21-Mar-13	4:00	1,080	0.75	4,108	0	1,397	1.29	6,000	6,769	
21-Mar-13	5:00	1,080	0.75	4,153	0	1,399	1.30	6,000	6,864	
21-Mar-13	6:00	1,080	0.75	4,198	0	1,396	1.29	6,000	6,958	
21-Mar-13	7:00	1,080	0.75	4,243	0	1,395	1.29	6,000	7,053	
21-Mar-13	8:00	1,056	0.73	4,287	0	1,396	1.32	6,000	7,145	
21-Mar-13	8:40	1,080	0.75	4,317	0	1,395	1.29	6,000	7,208	End Stage # 4
21-Mar-13	8:40	1,080	0.75	4,317	0	1,395	1.29	8,000	7,208	Begin Stage #5: 8,000 PPM with Champion K-31w
21-Mar-13	9:00	1,080	0.75	4,332	0	1,401	1.30	8,000	7,250	
21-Mar-13	10:00	1,080	0.75	4,377	0	1,435	1.33	8,000	7,376	Took Sample #11: Graded 7g
21-Mar-13	11:00	1,080	0.75	4,422	0	1,440	1.33	8,000	7,502	
21-Mar-13	12:00	1,056	0.73	4,466	0	1,446	1.37	8,000	7,625	Recorded surface pressure at 4,490 BBLs
21-Mar-13	13:00	1,080	0.75	4,511	55	1,561	1.45	8,000	7,751	
21-Mar-13	14:00	1,080	0.75	4,556	83	1,582	1.46	8,000	7,876	
21-Mar-13	15:00	1,080	0.75	4,601	60	1,564	1.45	8,000	8,002	
21-Mar-13	16:00	1,080	0.75	4,646	25	1,529	1.42	8,000	8,128	
21-Mar-13	17:00	1,080	0.75	4,691	54	1,554	1.44	8,000	8,254	
21-Mar-13	18:00	1,080	0.75	4,736	vac	1,479	1.37	8,000	8,380	
21-Mar-13	19:00	1,080	0.75	4,781	56	1,556	1.44	8,000	8,506	
21-Mar-13	20:00	1,056	0.73	4,825	54	1,552	1.47	8,000	8,629	
21-Mar-13	21:00	1,080	0.75	4,870	64	1,565	1.45	8,000	8,755	21:20 Took Sample #12 @ 4,885 BBLs: Graded 7g
21-Mar-13	21:25	1,037	0.72	4,888	60	1,562	1.51	8,000	8,805	End Stage # 5
21-Mar-13	21:25	1,037	0.72	4,888	60	1,562	1.51	10,000	8,805	Begin Stage #6: 10,000 PPM with Champion K-31w
21-Mar-13	22:00	1,070	0.74	4,914	175	1,620	1.51	10,000	8,896	
21-Mar-13	23:00	1,080	0.75	4,959	160	1,648	1.53	10,000	9,053	
22-Mar-13	0:00	1,056	0.73	5,003	200	1,698	1.61	10,000	9,207	Took Sample #13: Graded 9e
22-Mar-13	1:00	1,056	0.73	5,047	220	1,705	1.61	10,000	9,361	
22-Mar-13	2:00	1,056	0.73	5,091	250	1,747	1.65	10,000	9,515	
22-Mar-13	3:00	1,080	0.75	5,136	235	1,753	1.62	10,000	9,672	
22-Mar-13	4:00	1,080	0.75	5,181	190	1,717	1.59	10,000	9,830	
22-Mar-13	5:00	1,080	0.75	5,226	150	1,658	1.54	10,000	9,987	



DATE	TIME	INJECTION RATE		CUM. INJ BBLs	WHP PSI	BHP PSI	HALL SLOPE	Polymer PPM	POLYMER LBS: Estimate	COMMENTS
		BPD	BPM							
22-Mar-13	6:00	1,056	0.73	5,270	150	1,655	1.57	10,000	10,141	
22-Mar-13	7:00	1,080	0.75	5,315	150	1,650	1.53	10,000	10,298	Took Sample #14: Graded 9e
22-Mar-13	8:00	1,080	0.75	5,360	185	1,697	1.57	10,000	10,455	
22-Mar-13	8:37	1,090	0.76	5,388	155	1,663	1.53	10,000	10,553	End Stage # 6
22-Mar-13	8:37	1,090	0.76	5,388	155	1,663	1.53	0	10,553	Begin Stage #7: Water Flush with Champion RU189 and K-31w
22-Mar-13	9:00	1,064	0.74	5,405	70	1,582	1.49	0	10,553	
22-Mar-13	9:44	1,080	0.75	5,438	10	1,505	1.39	0	10,553	End Stage #7 : Treatment Completed



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



Phone: 316-337-6200
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<http://kcc.ks.gov/>

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

Sam Brownback, Governor

April 03, 2013

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

Re: ACO1
API 15-051-26443-00-00
Baumer 61
NE/4 Sec.27-11S-17W
Ellis 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,
Tami Troxel