



1107017

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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> _____
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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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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

January 14, 2013

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

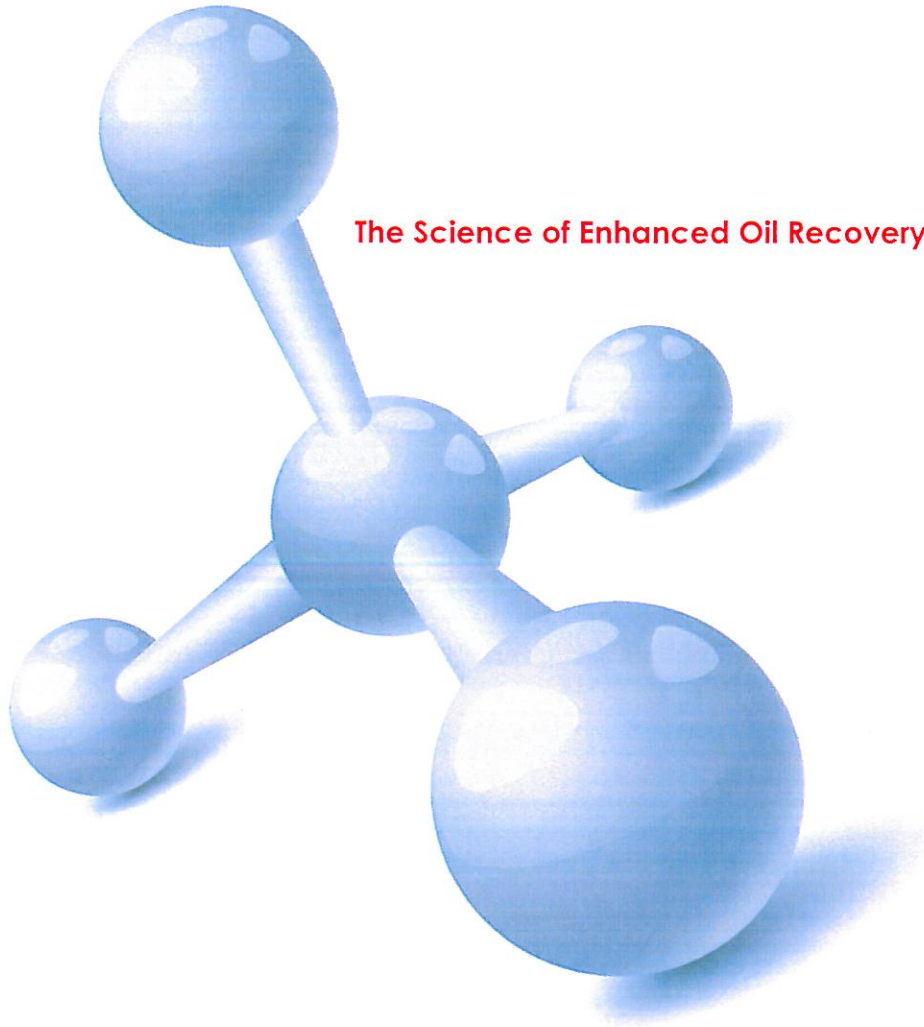
Re: ACO1
API 15-163-24088-00-00
Slansky 16
NE/4 Sec.02-09S-19W
Rooks County, Kansas

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,
Tami Troxel



The Science of Enhanced Oil Recovery

Treatment Summary For

Citation Oil & Gas Corp.

MARCITsm Gel Conformance

Barry

Slansky #16

Rooks County, Kansas

January 25, 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 January 14, 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 6,150 BBLS of gel. The treatment started on January 14, 2013 at 14:22 and ended on January 20, 2013 at 11:41. The gel was made-up of 12,870 lbs. of EOR204 (Medium molecular weight polymer) 2,947 lbs. of EOR684 (crosslinker) and 715 lbs. of EOR50 (Low molecular weight polymer). 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

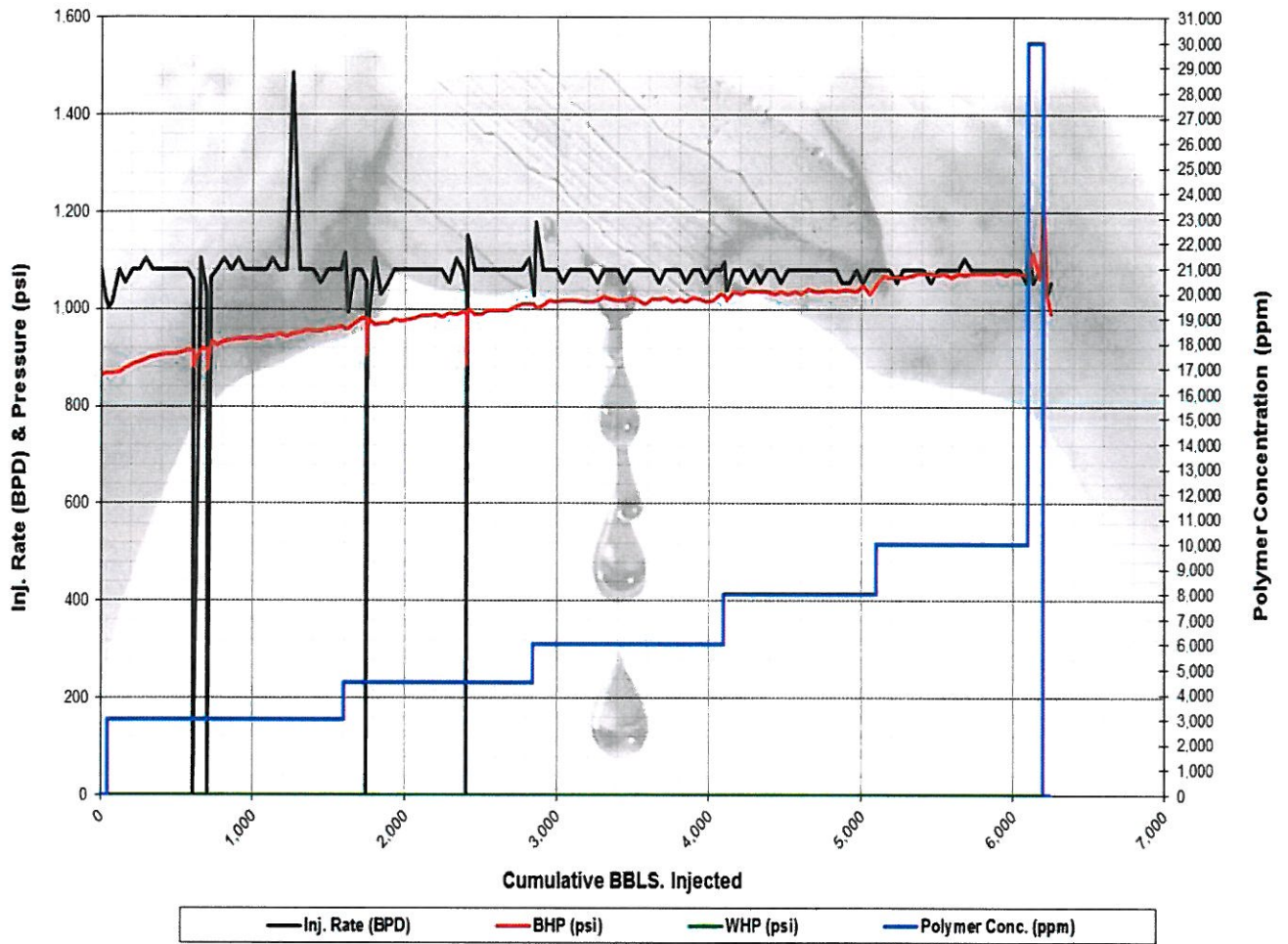
Stage	Date		Time		Polymer ppm	BBLs / Stage	WHP (psi)		BHP (psi)		Pump Rate (bpd)		Comments
	Begin	End	Begin	End			Begin	End	Begin	End	Begin	End	
1	1/14/13	1/14/13	2:22 PM	3:33 PM	0	50	0	0	866	867	1,080	1,080	Stage #1. 50 BBL Water Flush with CRO-195 & CX102w.
2	1/14/13	1/16/13	3:33 PM	3:31 AM	3,000	1,550	0	0	867	961	1,080	1,080	Stage #2. 3,000 ppm with CX102w.
3	1/16/13	1/17/13	3:31 AM	7:49 AM	4,500	1,250	0	0	961	1,009	1,080	1,080	Stage #3. 4,500 ppm with CX102w.
4	1/17/13	1/18/13	7:49 AM	11:42 AM	6,000	1,250	0	0	1,009	1,028	1,080	1,080	Stage #4. 6,000 ppm with CX102w.
5	1/18/13	1/19/13	11:42 AM	10:04 PM	8,000	1,000	0	0	1,028	1,052	1,080	1,080	Stage #5. 8,000 ppm with CX102w.
6	1/19/13	1/20/13	10:04 PM	8:19 AM	10,000	1,000	0	0	1,052	1,072	1,080	1,080	Stage #6. 10,000 ppm with CX102w.
7	1/20/13	1/20/13	8:19 AM	10:32 AM	30,000	100	0	0	1,072	1,233	1,080	1,080	Stage #7. 30,000 ppm with CX102w.
8	1/20/13	1/20/13	10:32 AM	11:41 AM	0	50	0	0	1,233	991	1,080	1,080	Stage #8. 50 BBL Water Flush with CRO 195 & CX 102w
Totals						6250							

MARCITSM GEL QA/QC

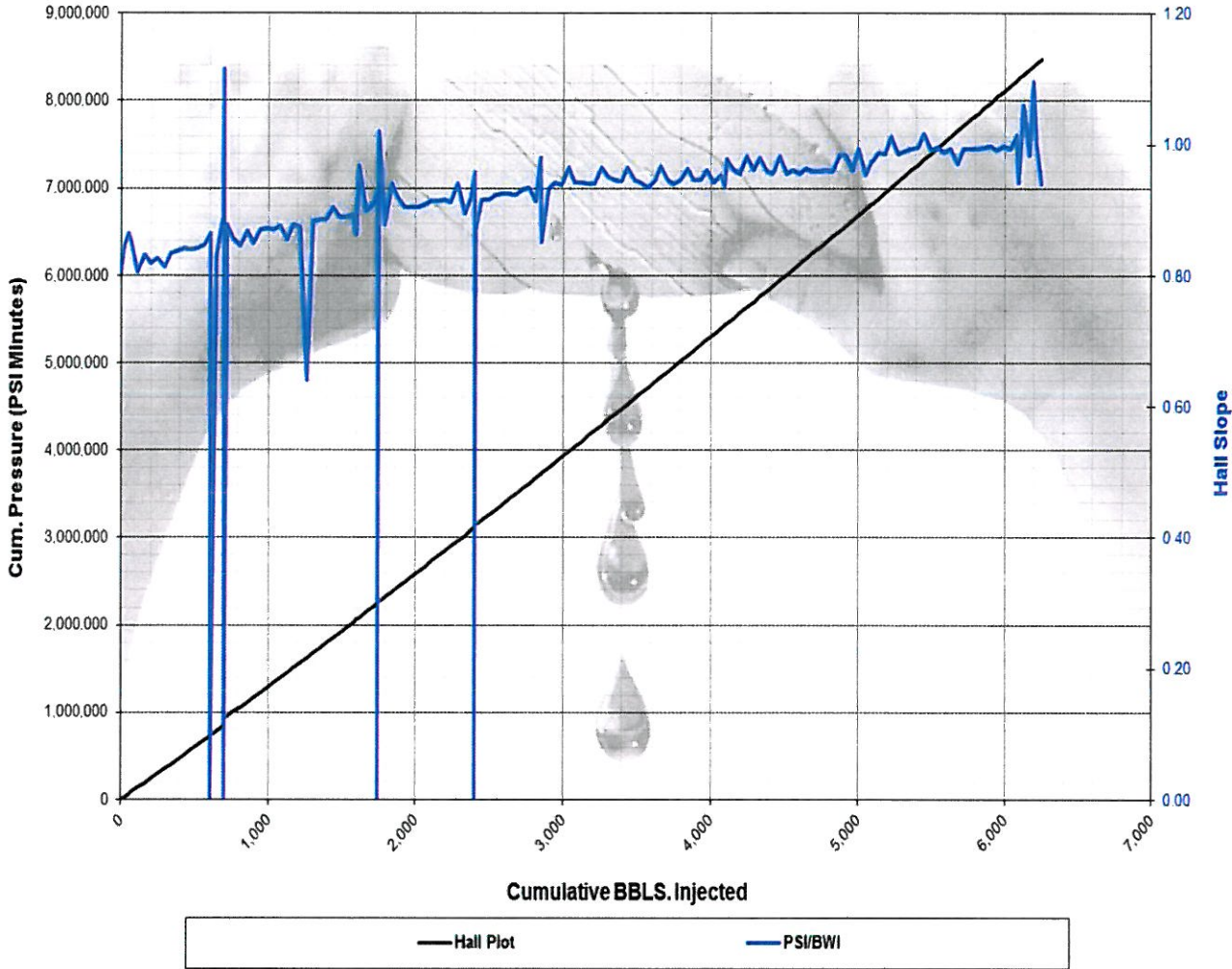
Sample No.	Treatment Stage	Sample Date	Sample Time	Cum. Bbls.	Polymer ppm	Polymer:X-Linker Ratio	Comments
1	2	01/14/13	17:00	114	3,000	40:1	Graded 3g
2	2	01/15/13	00:00	429	3,000	40:1	Graded 3g
3	2	01/15/13	12:00	902	3,000	40:1	Graded 4g
4	2	01/16/13	02:00	1,531	3,000	40:1	Graded 4g
5	3	01/16/13	05:00	1,665	4,500	40:1	Graded 5g
6	3	01/16/13	12:00	1,973	4,500	40:1	Graded 5g
7	3	01/17/13	00:00	2,499	4,500	40:1	Graded 5g
8	3	01/17/13	06:00	2,769	4,500	40:1	Graded 5g
9	4	01/17/13	09:00	2,904	6,000	40:1	Graded 6g
10	4	01/18/13	00:00	3,576	6,000	40:1	Graded 6g
11	4	01/18/13	11:00	4,068	6,000	40:1	Graded 6g
12	5	01/18/13	13:00	4,158	8,000	40:1	Graded 8g
13	5	01/19/13	00:00	4,650	8,000	40:1	Graded 8g
14	5	01/19/13	09:00	5,052	8,000	40:1	Graded 9e
15	6	01/19/13	12:00	5,187	10,000	40:1	Graded 9e
16	6	01/20/13	00:00	5,726	10,000	40:1	Graded 9e
17	6	01/20/13	06:00	5,996	10,000	40:1	Graded 9e
18	7	01/20/13	10:00	6,175	30,000	40:1	Graded 10e



RATE, PRESSURE, & CONCENTRATION



HALL SLOPE



TREATMENT JOB LOG

DATE	TIME	INJECTION RATE		CUM. INJ BELLS	WHP PSI	BHP PSI	HALL SLOPE	Polymer PPM	POLYMER LBS: Estimate	COMMENTS
		BPD	BPM							
14-Jan-13	14:22	1,080	0.75	0	0	866	0.80	0	0	Begin Stage #1. 50 BBL Water Flush with Baker CRO-195 & CX102w.
14-Jan-13	15:00	1,023	0.71	27	0	867	0.85	0	0	
14-Jan-13	15:33	1,004	0.70	50	0	867	0.86	0	0	End Stage #1.
14-Jan-13	15:33	1,004	0.70	50	0	867	0.86	3,000	0	Begin Stage #2. 3,000 ppm with Baker CX102w
14-Jan-13	16:00	1,013	0.70	69	0	868	0.86	3,000	20	
14-Jan-13	17:00	1,080	0.75	114	0	870	0.81	3,000	67	Took Sample #1. 3,000 ppm. Graded: 3g
14-Jan-13	18:00	1,056	0.73	158	0	878	0.83	3,000	113	
14-Jan-13	19:00	1,080	0.75	203	0	885	0.82	3,000	160	
14-Jan-13	20:00	1,080	0.75	248	0	892	0.83	3,000	208	
14-Jan-13	21:00	1,104	0.77	294	0	897	0.81	3,000	256	
14-Jan-13	22:00	1,080	0.75	339	0	901	0.83	3,000	303	
14-Jan-13	23:00	1,080	0.75	384	0	904	0.84	3,000	350	
15-Jan-13	0:00	1,080	0.75	429	0	908	0.84	3,000	398	Took Sample #2. 3,000 ppm: Graded 3g
15-Jan-13	1:00	1,080	0.75	474	0	907	0.84	3,000	445	
15-Jan-13	2:00	1,080	0.75	519	0	909	0.84	3,000	492	
15-Jan-13	3:00	1,080	0.75	564	0	915	0.85	3,000	539	
15-Jan-13	3:57	1,061	0.74	606	0	916	0.86	3,000	583	Generator shut down. Over Speed Indicator.
15-Jan-13	4:00	0	0.00	606	0	880	0.00	3,000	583	Restart Generator.
15-Jan-13	5:00	1,104	0.77	652	0	917	0.83	3,000	631	
15-Jan-13	6:00	1,032	0.72	695	0	917	0.89	3,000	677	
15-Jan-13	6:14	823	0.57	703	0	917	1.11	3,000	685	Generator shut down. Over Speed Indicator.
15-Jan-13	7:37	0	0.00	703	0	873	0.00	3,000	685	Restart Generator.
15-Jan-13	8:00	1,064	0.74	720	0	933	0.88	3,000	703	
15-Jan-13	9:00	1,080	0.75	765	0	926	0.86	3,000	750	
15-Jan-13	10:00	1,104	0.77	811	0	933	0.85	3,000	798	
15-Jan-13	11:00	1,080	0.75	856	0	937	0.87	3,000	845	
15-Jan-13	12:00	1,104	0.77	902	0	938	0.85	3,000	894	Took Sample #3. 3,000 ppm: Graded 4g
15-Jan-13	13:00	1,080	0.75	947	0	939	0.87	3,000	941	
15-Jan-13	14:00	1,080	0.75	992	0	941	0.87	3,000	988	
15-Jan-13	15:00	1,080	0.75	1,037	0	940	0.87	3,000	1,035	
15-Jan-13	16:00	1,080	0.75	1,082	0	945	0.88	3,000	1,083	
15-Jan-13	17:00	1,104	0.77	1,128	0	944	0.86	3,000	1,131	
15-Jan-13	18:00	1,080	0.75	1,173	0	948	0.88	3,000	1,178	
15-Jan-13	19:00	1,080	0.75	1,218	0	944	0.87	3,000	1,225	
15-Jan-13	20:00	1,486	1.03	1,262	0	950	0.64	3,000	1,271	
15-Jan-13	21:00	1,080	0.75	1,307	0	953	0.88	3,000	1,319	
15-Jan-13	22:00	1,080	0.75	1,352	0	956	0.89	3,000	1,366	
15-Jan-13	23:00	1,080	0.75	1,397	0	955	0.88	3,000	1,413	
16-Jan-13	0:00	1,056	0.73	1,441	0	955	0.90	3,000	1,459	
16-Jan-13	1:00	1,080	0.75	1,486	0	960	0.89	3,000	1,506	
16-Jan-13	2:00	1,080	0.75	1,531	0	961	0.89	3,000	1,553	Took Sample #4. 3,000 ppm: Graded 4g
16-Jan-13	3:00	1,080	0.75	1,576	0	964	0.89	3,000	1,601	
16-Jan-13	3:31	1,115	0.77	1,600	0	961	0.86	3,000	1,626	End Stage #2.
16-Jan-13	3:31	1,115	0.77	1,600	0	961	0.86	4,500	1,626	Begin Stage #3. 4,500 ppm with Baker CX102w
16-Jan-13	4:00	993	0.69	1,620	0	961	0.97	4,500	1,657	
16-Jan-13	5:00	1,080	0.75	1,665	0	970	0.90	4,500	1,728	Took Sample #5. 4,500 ppm: Graded 5g
16-Jan-13	6:00	1,080	0.75	1,710	0	981	0.91	4,500	1,799	
16-Jan-13	6:49	1,058	0.73	1,746	0	980	0.93	4,500	1,856	Generator shut down. Over Speed Indicator.
16-Jan-13	6:54	0	0.00	1,746	0	901	0.00	4,500	1,856	Restart Generator.
16-Jan-13	7:00	960	0.67	1,750	0	980	1.02	4,500	1,862	
16-Jan-13	8:00	1,104	0.77	1,796	0	968	0.88	4,500	1,934	
16-Jan-13	9:00	1,032	0.72	1,839	0	971	0.94	4,500	2,002	
16-Jan-13	10:00	1,056	0.73	1,883	0	970	0.92	4,500	2,071	
16-Jan-13	11:00	1,080	0.75	1,928	0	977	0.90	4,500	2,142	
16-Jan-13	12:00	1,080	0.75	1,973	0	976	0.90	4,500	2,213	Took Sample #6. 4,500 ppm: Graded 5g



DATE	TIME	INJECTION RATE		CUM. INJ BBLs	WHP PSI	BHP PSI	HALL SLOPE	Polymer PPM	POLYMER LBS: Estimate	COMMENTS
		BPD	BPM							
16-Jan-13	13:00	1,080	0.75	2,018	0	977	0.90	4,500	2,284	
16-Jan-13	14:00	1,080	0.75	2,063	0	981	0.91	4,500	2,354	
16-Jan-13	15:00	1,080	0.75	2,108	0	986	0.91	4,500	2,425	
16-Jan-13	16:00	1,080	0.75	2,153	0	987	0.91	4,500	2,496	
16-Jan-13	17:00	1,080	0.75	2,198	0	988	0.91	4,500	2,567	
16-Jan-13	18:00	1,080	0.75	2,243	0	984	0.91	4,500	2,638	
16-Jan-13	19:00	1,056	0.73	2,287	0	992	0.94	4,500	2,707	
16-Jan-13	20:00	1,104	0.77	2,333	0	988	0.89	4,500	2,779	
16-Jan-13	21:00	1,080	0.75	2,378	0	993	0.92	4,500	2,850	
16-Jan-13	21:32	1,035	0.72	2,401	0	991	0.96	4,500	2,886	Shut down generator to change fuel filter.
16-Jan-13	21:50	0	0.00	2,401	0	884	0.00	4,500	2,886	Resume Treatment
16-Jan-13	22:00	1,152	0.80	2,409	0	1,002	0.87	4,500	2,899	
16-Jan-13	23:00	1,080	0.75	2,454	0	988	0.91	4,500	2,970	
17-Jan-13	0:00	1,080	0.75	2,499	0	989	0.92	4,500	3,040	Took Sample #7. 4,500 ppm: Graded 5g
17-Jan-13	1:00	1,080	0.75	2,544	0	997	0.92	4,500	3,111	
17-Jan-13	2:00	1,080	0.75	2,589	0	998	0.92	4,500	3,182	
17-Jan-13	3:00	1,080	0.75	2,634	0	998	0.92	4,500	3,253	
17-Jan-13	4:00	1,080	0.75	2,679	0	997	0.92	4,500	3,324	
17-Jan-13	5:00	1,080	0.75	2,724	0	1,005	0.93	4,500	3,394	
17-Jan-13	6:00	1,080	0.75	2,769	0	1,009	0.93	4,500	3,465	Took Sample #8. 4,500 ppm: Graded 5g
17-Jan-13	7:00	1,104	0.77	2,815	0	1,009	0.91	4,500	3,538	
17-Jan-13	7:49	1,029	0.71	2,850	0	1,009	0.98	4,500	3,593	End Stage #3.
17-Jan-13	7:49	1,029	0.71	2,850	0	1,009	0.98	6,000	3,593	Begin Stage #4. 6,000 ppm with Baker CX102w
17-Jan-13	8:00	1,178	0.82	2,859	0	1,003	0.85	6,000	3,612	
17-Jan-13	9:00	1,080	0.75	2,904	0	1,008	0.93	6,000	3,706	Took Sample #9. 6,000 ppm: Graded 6g
17-Jan-13	10:00	1,080	0.75	2,949	0	1,017	0.94	6,000	3,800	
17-Jan-13	11:00	1,080	0.75	2,994	0	1,014	0.94	6,000	3,895	
17-Jan-13	12:00	1,056	0.73	3,038	0	1,018	0.96	6,000	3,987	
17-Jan-13	13:00	1,080	0.75	3,083	0	1,017	0.94	6,000	4,081	
17-Jan-13	14:00	1,080	0.75	3,128	0	1,018	0.94	6,000	4,176	
17-Jan-13	15:00	1,080	0.75	3,173	0	1,015	0.94	6,000	4,270	
17-Jan-13	16:00	1,080	0.75	3,218	0	1,015	0.94	6,000	4,365	
17-Jan-13	17:00	1,056	0.73	3,262	0	1,019	0.96	6,000	4,457	
17-Jan-13	18:00	1,080	0.75	3,307	0	1,027	0.95	6,000	4,551	
17-Jan-13	19:00	1,080	0.75	3,352	0	1,021	0.95	6,000	4,646	
17-Jan-13	20:00	1,080	0.75	3,397	0	1,019	0.94	6,000	4,740	
17-Jan-13	21:00	1,056	0.73	3,441	0	1,019	0.96	6,000	4,833	
17-Jan-13	22:00	1,080	0.75	3,486	0	1,022	0.95	6,000	4,927	
17-Jan-13	23:00	1,080	0.75	3,531	0	1,018	0.94	6,000	5,021	
18-Jan-13	0:00	1,080	0.75	3,576	0	1,010	0.94	6,000	5,116	Took Sample #10. 6,000 ppm: Graded 6g
18-Jan-13	1:00	1,080	0.75	3,621	0	1,020	0.94	6,000	5,210	
18-Jan-13	2:00	1,056	0.73	3,665	0	1,020	0.97	6,000	5,302	
18-Jan-13	3:00	1,080	0.75	3,710	0	1,022	0.95	6,000	5,397	
18-Jan-13	4:00	1,080	0.75	3,755	0	1,016	0.94	6,000	5,491	
18-Jan-13	5:00	1,080	0.75	3,800	0	1,021	0.95	6,000	5,586	
18-Jan-13	6:00	1,056	0.73	3,844	0	1,016	0.96	6,000	5,678	
18-Jan-13	7:00	1,080	0.75	3,889	0	1,022	0.95	6,000	5,772	
18-Jan-13	8:00	1,080	0.75	3,934	0	1,021	0.95	6,000	5,867	
18-Jan-13	9:00	1,056	0.73	3,978	0	1,015	0.96	6,000	5,959	
18-Jan-13	10:00	1,080	0.75	4,023	0	1,018	0.94	6,000	6,053	
18-Jan-13	11:00	1,080	0.75	4,068	0	1,030	0.95	6,000	6,148	Took Sample #11. 6,000 ppm: Graded 6g
18-Jan-13	11:42	1,097	0.76	4,100	0	1,028	0.94	6,000	6,215	End Stage #4.
18-Jan-13	11:42	1,097	0.76	4,100	0	1,028	0.94	8,000	6,215	Begin Stage #5. 8,000 ppm with Baker CX102w
18-Jan-13	12:00	1,040	0.72	4,113	0	1,018	0.98	8,000	6,251	
18-Jan-13	13:00	1,080	0.75	4,158	0	1,037	0.96	8,000	6,377	Took Sample #12. 8,000 ppm: Graded 8g
18-Jan-13	14:00	1,080	0.75	4,203	0	1,031	0.95	8,000	6,503	
18-Jan-13	15:00	1,056	0.73	4,247	0	1,036	0.98	8,000	6,626	
18-Jan-13	16:00	1,080	0.75	4,292	0	1,037	0.96	8,000	6,752	
18-Jan-13	17:00	1,056	0.73	4,336	0	1,035	0.98	8,000	6,875	
18-Jan-13	18:00	1,080	0.75	4,381	0	1,036	0.96	8,000	7,001	
18-Jan-13	19:00	1,080	0.75	4,426	0	1,031	0.95	8,000	7,127	
18-Jan-13	20:00	1,056	0.73	4,470	0	1,037	0.98	8,000	7,250	
18-Jan-13	21:00	1,080	0.75	4,515	0	1,032	0.96	8,000	7,376	



DATE	TIME	INJECTION RATE		CUM. INJ BBLs	WHP PSI	BHP PSI	HALL SLOPE	Polymer PPM	POLYMER LBS: Estimate	COMMENTS
		BPD	BPM							
18-Jan-13	22:00	1,080	0.75	4,560	0	1,037	0.96	8,000	7,502	
18-Jan-13	23:00	1,080	0.75	4,605	0	1,032	0.96	8,000	7,628	
19-Jan-13	0:00	1,080	0.75	4,650	0	1,041	0.96	8,000	7,753	Took Sample #13. 8,000 ppm: Graded 8g
19-Jan-13	1:00	1,080	0.75	4,695	0	1,036	0.96	8,000	7,879	
19-Jan-13	2:00	1,080	0.75	4,740	0	1,035	0.96	8,000	8,005	
19-Jan-13	3:00	1,080	0.75	4,785	0	1,038	0.96	8,000	8,131	
19-Jan-13	4:00	1,080	0.75	4,830	0	1,035	0.96	8,000	8,257	
19-Jan-13	5:00	1,056	0.73	4,874	0	1,039	0.98	8,000	8,380	
19-Jan-13	6:00	1,056	0.73	4,918	0	1,040	0.98	8,000	8,503	
19-Jan-13	7:00	1,080	0.75	4,963	0	1,037	0.96	8,000	8,629	
19-Jan-13	8:00	1,056	0.73	5,007	0	1,049	0.99	8,000	8,752	
19-Jan-13	9:00	1,080	0.75	5,052	0	1,030	0.95	8,000	8,878	Took Sample #14. 8,000 ppm: Graded 8g
19-Jan-13	10:00	1,080	0.75	5,097	0	1,052	0.97	8,000	9,004	
19-Jan-13	10:04	1,080	0.75	5,100	0	1,052	0.97	8,000	9,012	End Stage #5.
19-Jan-13	10:04	1,080	0.75	5,100	0	1,052	0.97	10,000	9,012	Begin Stage #6. 10,000 ppm with Baker CX102w
19-Jan-13	11:00	1,080	0.75	5,142	0	1,067	0.99	10,000	9,159	
19-Jan-13	12:00	1,080	0.75	5,187	0	1,065	0.99	10,000	9,316	Took Sample #15. 10,000 ppm: Graded 9e
19-Jan-13	13:00	1,056	0.73	5,231	0	1,069	1.01	10,000	9,470	
19-Jan-13	14:00	1,080	0.75	5,276	0	1,065	0.99	10,000	9,628	
19-Jan-13	15:00	1,080	0.75	5,321	0	1,069	0.99	10,000	9,785	
19-Jan-13	16:00	1,080	0.75	5,366	0	1,072	0.99	10,000	9,942	
19-Jan-13	17:00	1,080	0.75	5,411	0	1,074	0.99	10,000	10,100	
19-Jan-13	18:00	1,056	0.73	5,455	0	1,073	1.02	10,000	10,253	
19-Jan-13	19:00	1,080	0.75	5,500	0	1,071	0.99	10,000	10,411	
19-Jan-13	20:00	1,080	0.75	5,545	0	1,074	0.99	10,000	10,568	
19-Jan-13	21:00	1,080	0.75	5,590	0	1,066	0.99	10,000	10,726	
19-Jan-13	22:00	1,080	0.75	5,635	0	1,072	0.99	10,000	10,883	
19-Jan-13	23:00	1,104	0.77	5,681	0	1,071	0.97	10,000	11,044	
20-Jan-13	0:00	1,080	0.75	5,726	0	1,072	0.99	10,000	11,201	Took Sample #16. 10,000 ppm: Graded 9e
20-Jan-13	1:00	1,080	0.75	5,771	0	1,072	0.99	10,000	11,358	
20-Jan-13	2:00	1,080	0.75	5,816	0	1,073	0.99	10,000	11,516	
20-Jan-13	3:00	1,080	0.75	5,861	0	1,074	0.99	10,000	11,673	
20-Jan-13	4:00	1,080	0.75	5,906	0	1,076	1.00	10,000	11,830	
20-Jan-13	5:00	1,080	0.75	5,951	0	1,070	0.99	10,000	11,988	
20-Jan-13	6:00	1,080	0.75	5,996	0	1,076	1.00	10,000	12,145	Took Sample #17. 10,000 ppm: Graded 9e
20-Jan-13	7:00	1,080	0.75	6,041	0	1,072	0.99	10,000	12,302	
20-Jan-13	8:00	1,056	0.73	6,085	0	1,071	1.01	10,000	12,456	
20-Jan-13	8:19	1,137	0.79	6,100	0	1,072	0.94	10,000	12,509	End Stage # 6
20-Jan-13	8:19	1,137	0.79	6,100	0	1,072	0.94	30,000	12,509	Begin Stage # 7 CAPIT 30,000 ppm with Baker CX102w
20-Jan-13	9:00	1,054	0.73	6,130	0	1,116	1.06	30,000	12,823	
20-Jan-13	10:00	1,080	0.75	6,175	0	1,062	0.98	30,000	13,295	Took Sample #18. 30,000 ppm: Graded 10e
20-Jan-13	10:32	1,125	0.78	6,200	0	1,233	1.10	30,000	13,558	End Stage #7
20-Jan-13	10:32	1,125	0.78	6,200	0	1,233	1.10	0	13,558	Begin Stage #8. Water Flush with Baker CRO 195 and CX102w.
20-Jan-13	11:00	1,029	0.71	6,220	0	1,029	1.00	0	13,558	
20-Jan-13	11:41	1,054	0.73	6,250	0	991	0.94	0	13,558	End Stage #8
20-Jan-13	11:41	1,054	0.73	6,250	0	991	0.94	0	13,558	End Well Treatment



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. 6283

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-21-12	2	9	19	ROOKS	KANSAS		11:30 pm
Lease <u>SLANSKY</u>				Location <u>ZURICH - 4w - 1 1/2 E - N/INTO</u>			
Contractor <u>DUKE #10</u>		Well No. <u>#16</u>		Owner <u>CITATION OIL & GAS</u>			
Type Job <u>L SURFACE</u>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Hole Size <u>12 1/4"</u>		T.D. <u>1,390</u>		Charge To <u>CITATION OIL & GAS</u>			
Csg. <u>8 7/8 - 1378</u>		Depth <u>1,391</u>		Street <u>11077 CUTTEN RD</u>			
Tbg. Size		Depth		City <u>HOUSTON</u>		State <u>TX, 77269</u>	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint <u>70.03</u>		Cement Amount Ordered <u>500 com 3cc - 2 gal - 9 FLB</u>			
Meas Line		Displace <u>84 BBLs</u>					
EQUIPMENT				Common <u>500</u>			
Pumptrk # <u>14</u>	No.	Cementer		Poz. Mix			
		Helper <u>NICK</u>					
Bulktrk # <u>13</u>	No.	Driver		Gel. <u>10</u>			
		Driver <u>BILLY</u>					
Bulktrk <u>P/U</u>	No.	Driver		Calcium <u>18</u>			
		Driver <u>CISCO</u>					
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole <u>2 1/2"</u>				Kol-Seal			
Centralizers <u>1, 8, 5, 8, 11, 14, 17, 20, 23, 26,</u>				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
				Handling <u>528</u>			
				Mileage			
<u>CEMENT DID CIRCULATE!</u>				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer <u>11 - 8 5/8"</u>			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down <u>2 Stop Rings</u>			
				<u>1 - 8 5/8" Baffle Plate</u>			
				<u>1 - 8 5/8" RUBBER PLUG</u>			
				Pumptrk Charge <u>Long Surface</u>			
				Mileage <u>35</u>			
<u>THANK YOU!</u>				Tax			
<u>[Signature]</u>				Discount			
X Signature				Total Charge			

COPY

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. 6052

Date	1-2-13	Sec.	2	Twp.	9	Range	19	County	Rooks	State	KS	On Location	Finish
Location													8:30pm

Location Zwich, Ks - 4N, 2E, N into

Lease	Slansky	Well No.	#16	Owner	To Quality Oilwell Cementing, Inc.
Contractor	Duke #10	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	Production	Charge To			
Hole Size	7 7/8"	T.D.	3480'	Citation oil + gas	
Csg.	5 1/2" 15 1/2" New	Depth	3479.31'	Street	
Tbg. Size		Depth		City	
Tool		Depth		State	
Cement Left in Csg.	61.83'	Shoe Joint	61.83'	The above was done to satisfaction and supervision of owner agent or contractor.	
Meas Line		Displace	8 1/4 BLS	Cement Amount Ordered	

EQUIPMENT				Common 235	
Pumptrk	16	No.	Cementeer	Poz. Mix	
			Helper	Gel. 4	
Bulktrk	8	No.	Driver	Calcium	
			Driver	Hulls	
Bulktrk	p.u.	No.	Driver	Salt 20	
			Driver	Flowseal 58#	

JOB SERVICES & REMARKS				KOL-SEAL	
Remarks:				Mud CLR 48 500 gal	
Rat Hole				CFL-117 or CD110 CAF 38	
Mouse Hole				Sand	
Centralizers 1, 2, 2, 3, 5, 7, 9, 11, 13, 15, 17				Handling 259	
Baskets 4, 9, 19, 21, 23				Mileage	
D/V or Port Collar				FLOAT EQUIPMENT	

pipe on bottom, break Circulation pump 500 gal mud clear 48, Plug Rathole w/ 30sx, plug mousehole w/ 15sx Hook to casing + mix 190sx Cement shut down, wash pump lines Released plug + Displaced with 8 1/4 BLS of water. Released + held. Lift pressure 600 # Land plug to 1300 #				Guide Shoe Centralizer 14 turbo's Baskets 2 AFU Inserts Float Shoe 1 Battweld slip on Latch Down 1 1-Limit Clamp 1-Rotating head Assy Pumptrk Charge prod long string Mileage 35	
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	Tax	
	Discount	
X Signature <u>E. Glanman</u>	Total Charge	