



Confidentiality Requested:
 Yes No

WELL COMPLETION FORM
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
 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

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: _____



1154289

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:
 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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Summary of Changes

Lease Name and Number: Condiff 8-22-5-23H

API/Permit #: 15-191-22669-01-00

Doc ID: 1154289

Correction Number: 1

Approved By: Deanna Garrison

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Deanna Garrison
Approved Date	05/30/2013	08/05/2013
Well Number	8-22 PH	8-22-5-23H



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)*

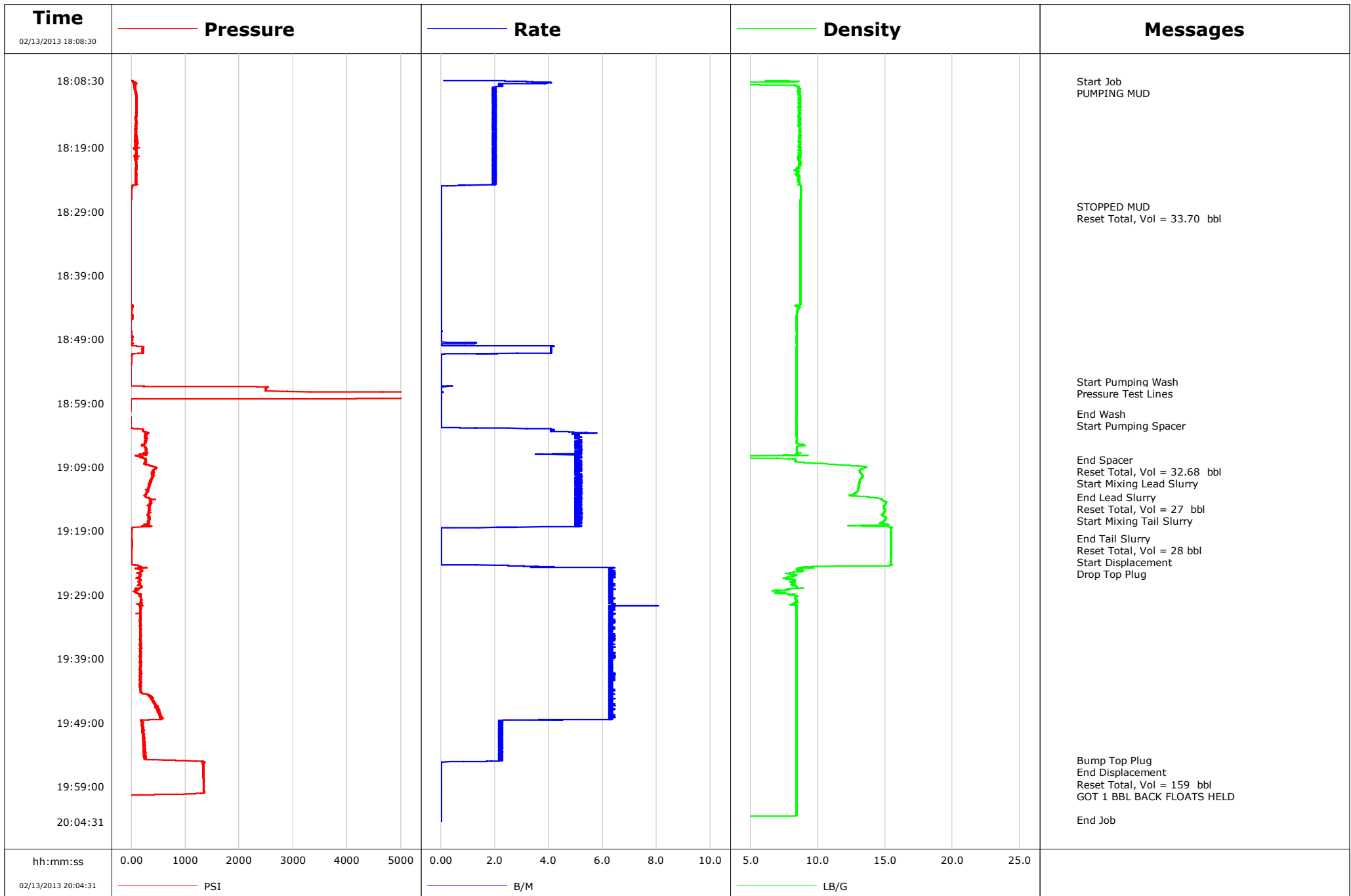
Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 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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Well	CONDIFF 8-22-5-23H	Client	SOURCE
Field		SIR No.	C4PA-00162
Engineer	John Beseda II	Job Type	7" INTERMEDIATE
Country	United States	Job Date	02-13-2013



				Customer SOURCE				Job Number C4PA-00162										
Well CONDIFF 8-22-5-23H 8-22-5-23H				Location (legal) SEC 8-T33S-R1E				Schlumberger Location ROK				Job Start Feb/13/2013						
Field			Formation Name/Type				Deviation deg		Bit Size 8.8 in		Well MD ft		Well TVD ft					
County SUMNER			State/Province KANSAS				BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal					
Well Master			API/UWI 15191226690100															
Rig Name PISTOL 2		Drilled For Oil & Gas		Service Via Land		Casing/Liner												
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread				
Offshore Zone		Well Class New		Well Type Exploration		9207.0		7.0		23.0		N80		8RD				
						0.0		0.0		0.0								
Drilling Fluid Type			Max. Density 9.00 lb/gal		Plastic Viscosity 38.000 cP		Tubing/Drill Pipe											
							T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing			Job Type 7" INTERMEDIATE															
Max. Allowed Tub. Press psi			Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole											
							Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
Service Instructions To provide services, equipment, materials and personnel to safely cement a 7 " intermediate casing as per client request. Pump 10 bbls fresh water, 20 bbls CW100, 92 sks lead slurry @13ppg, 109 sks tail slurry @14.8ppg, drop top plug and displace as per client approval							ft		ft						Diameter in			
							ft		ft									
							ft		ft									
										Treat Down		Displacement 159.0 bbl		Packer Type		Packer Depth ft		
							Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/>			1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools				Squeeze Job							
Lift Pressure 300 psi							Shoe Type Float				Squeeze Type							
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 4197.0 ft				Tool Type							
No. Centralizers 23			Top Plugs 1		Bottom Plugs 0		Stage Tool Type				Tool Depth ft							
Cement Head Type Single							Stage Tool Depth ft				Tail Pipe Size in							
Job Scheduled For Feb/13/2013			Arrived on Location Feb/13/2013		Leave Location Feb/13/2013		Collar Type Float				Tail Pipe Depth ft							
							Collar Depth 4154.0 ft				Sqz. Total Vol. bbl							
Date		Time 24-hr clock		Message														
02/13/2013		18:08:30		Started Acquisition														
02/13/2013		18:08:36		Start Job														
02/13/2013		18:08:43		PUMPING MUD														
02/13/2013		18:11:20																
02/13/2013		18:14:10																
02/13/2013		18:17:00																
02/13/2013		18:19:50																
02/13/2013		18:22:40																
02/13/2013		18:25:30																
02/13/2013		18:28:09		STOPPED MUD														
02/13/2013		18:28:20																
02/13/2013		18:28:24		Reset Total, Vol = 33.70 bbl														
02/13/2013		18:31:10																
02/13/2013		18:34:00																
02/13/2013		18:36:50																
02/13/2013		18:39:40																
02/13/2013		18:42:30																
02/13/2013		18:45:20																
02/13/2013		18:48:10																
02/13/2013		18:51:00																
02/13/2013		18:53:50																

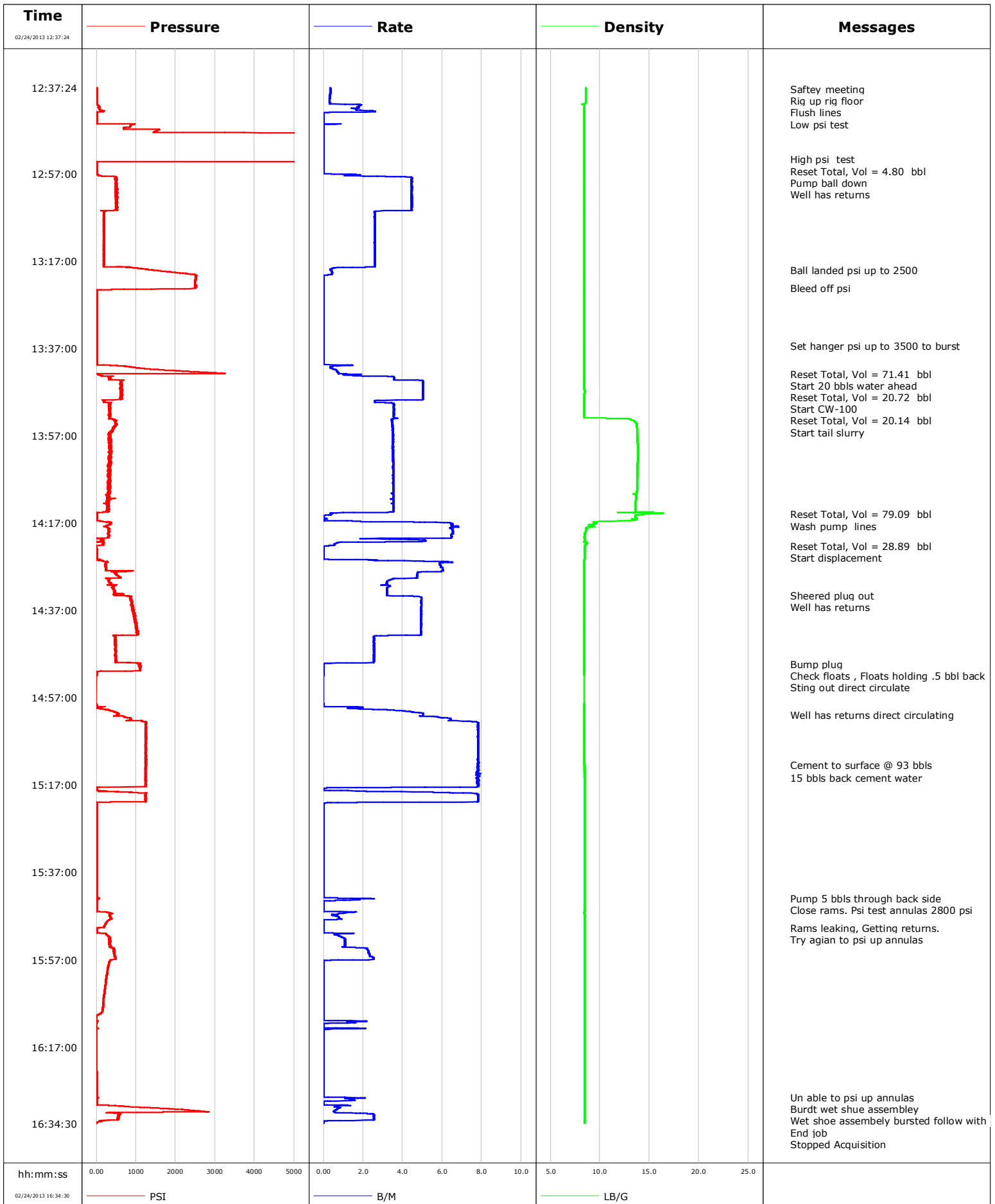
Well		Field	Job Start	Customer	Job Number
CONDIFF 8-22-5-23H 8-22-5-23H			Feb/13/2013	SOURCE	C4PA-00162
Date	Time 24-hr clock	Message			
02/13/2013	18:56:40				
02/13/2013	18:56:43	Pressure Test Lines			
02/13/2013	18:59:30				
02/13/2013	19:00:43	End Wash			
02/13/2013	19:01:01	Start Pumping Spacer			
02/13/2013	19:02:20				
02/13/2013	19:05:10				
02/13/2013	19:07:50	End Spacer			
02/13/2013	19:08:00				
02/13/2013	19:08:27	Reset Total, Vol = 32.68 bbl			
02/13/2013	19:08:40	Start Mixing Lead Slurry			
02/13/2013	19:10:50				
02/13/2013	19:13:40				
02/13/2013	19:13:44	End Lead Slurry			
02/13/2013	19:13:46	Reset Total, Vol = 27 bbl			
02/13/2013	19:14:49	Start Mixing Tail Slurry			
02/13/2013	19:16:30				
02/13/2013	19:19:20				
02/13/2013	19:20:11	End Tail Slurry			
02/13/2013	19:20:22	Reset Total, Vol = 28 bbl			
02/13/2013	19:21:07	Start Displacement			
02/13/2013	19:21:08	Drop Top Plug			
02/13/2013	19:22:10				
02/13/2013	19:25:00				
02/13/2013	19:27:50				
02/13/2013	19:30:40				
02/13/2013	19:33:30				
02/13/2013	19:36:20				
02/13/2013	19:39:10				
02/13/2013	19:42:00				
02/13/2013	19:44:50				
02/13/2013	19:47:40				
02/13/2013	19:50:30				
02/13/2013	19:53:20				
02/13/2013	19:54:57	Bump Top Plug			
02/13/2013	19:55:18	End Displacement			
02/13/2013	19:55:22	Reset Total, Vol = 159 bbl			
02/13/2013	19:56:10				
02/13/2013	19:59:00				
02/13/2013	19:59:37	GOT 1 BBL BACK FLOATS HELD			
02/13/2013	20:01:50				

Well CONDIFF 8-22-5-23H 8-22-5-23H	Field	Job Start Feb/13/2013	Customer SOURCE	Job Number C4PA-00162
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.3	N2	Mud	Maximum Rate 8.1	Total Slurry 55.0	Mud 30.0	Spacer 30.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5531	Final -31	Average 365	Bump Plug to 1324	Breakdown	Type FreshWater	Volume bbl	Density 8.34 lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 159.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	To ft	Job Completed <input checked="" type="checkbox"/>	
Customer or Authorized Representative LEE HOLT/ CHARLES VALLOT		Schlumberger Supervisor John Beseda II			Washed Thru Perfs <input type="checkbox"/>	Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-	-	-	

Well	Condiff 8-22-33-5-23	Client	Source Energy
Field	Mississippi Lime	SIR No.	C4PA-00184
Engineer	Anthony Cucci	Job Type	4.5 liner
Country	United States	Job Date	02-24-2013



Cementing Service Report

Customer Source Energy	Job Number C4PA-00184
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Well Condiff 8-22-33-5-23 Condiff 8-22-5-23	Location (legal) Pistol drilling#6	Schlumberger Location EL RENO	Job Start Feb/24/2013
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Field Mississippi Lime	Formation Name/Type Shale	Deviation 90 deg	Bit Size 6.3 in	Well MD 8011.0 ft	Well TVD 3751.5 ft
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County Sumner	State/Province Kansas	BHP	BHST 127 degF	BHCT 126 degF	Pore Press. Gradient
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Well Master 0631434536	API/UWI 15191226690100	Casing/Liner			
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Rig Name Pistol drilling#2	Drilled For Oil & Gas	Service Via Land	Depth, ft 3920.6	Size, in 4.500	Weight, lb/ft 11.6	Grade N80	Thread 8RD
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Offshore Zone	Well Class New	Well Type Development	0.0	0.000	0.0		
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Drilling Fluid Type Bentonite	Max. Density 8.40 lb/gal	Plastic Viscosity 27.000 cP	Tubing/Drill Pipe				
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Service Line Cementing	Job Type 4.5 liner	4090.4	4.000	14.0	N/A	N/A
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Max. Allowed Tub. Press 6000 psi	Max. Allowed Ann. Press	WH Connection Single Cement head	Perforations/Open Hole				
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Service Instructions	Top,	Bottom,		No. of Shots	Total Interval
					Diameter
	Treat Down Casing	Displacement 94.4 bbl	Packer Type	Packer Depth	
	Tubing Vol.	Casing Vol. 94.4 bbl	Annular Vol.	Openhole Vol.	

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>	Casing Tools	Squeeze Job
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Lift Pressure 500 psi	Shoe Type Other	Squeeze Type
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Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 8011.0 ft	Tool Type
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No. Centralizers 98	Top Plugs 1	Bottom Plugs	Stage Tool Type	Tool Depth
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Cement Head Type Single	Stage Tool Depth	Tail Pipe Size
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Job Scheduled For Feb/24/2013	Arrived on Location Feb/24/2013	Leave Location Feb/24/2013	Collar Type Float	Tail Pipe Depth
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		Collar Depth 8001.2 ft	Sqz. Total Vol.
--	--	----------------------------------	------------------------

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/24/2013	10:40:22					Started Acquisition
02/24/2013	12:37:23					Started Recording
02/24/2013	12:37:24	1	0.3	8.54	0.0	
02/24/2013	12:37:39					Safety meeting
02/24/2013	12:37:39					Rig up rig floor
02/24/2013	12:37:39	1	0.3	8.54	0.1	
02/24/2013	12:37:40					Flush lines
02/24/2013	12:37:40	1	0.4	8.54	0.1	
02/24/2013	12:37:52	1	0.3	8.54	0.2	
02/24/2013	12:38:22	1	0.3	8.54	0.3	
02/24/2013	12:38:52	1	0.3	8.54	0.5	
02/24/2013	12:39:22	1	0.3	8.54	0.7	
02/24/2013	12:39:52	1	0.3	8.54	0.8	
02/24/2013	12:40:22	1	0.3	8.54	1.0	
02/24/2013	12:40:52	1	0.3	8.54	1.1	
02/24/2013	12:41:22	26	1.9	8.42	1.6	
02/24/2013	12:41:52	59	1.7	8.41	2.5	
02/24/2013	12:42:22	83	1.7	8.41	3.3	
02/24/2013	12:42:52	174	2.6	8.40	4.3	
02/24/2013	12:43:22	5	0.0	8.41	4.7	
02/24/2013	12:43:52	6	0.0	8.42	4.7	

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	12:44:52	6	0.0	8.42	4.7			
02/24/2013	12:45:22	6	0.0	8.41	4.7			
02/24/2013	12:45:44					Low psi test		
02/24/2013	12:45:44	972	0.5	8.41	4.8			
02/24/2013	12:45:52	893	0.0	8.42	4.8			
02/24/2013	12:46:22	841	0.0	8.42	4.8			
02/24/2013	12:46:52	690	0.0	8.41	4.8			
02/24/2013	12:47:22	1503	0.0	8.41	4.8			
02/24/2013	12:47:52	5586	0.0	8.41	4.8			
02/24/2013	12:48:22	5757	0.0	8.41	4.8			
02/24/2013	12:48:52	5579	0.0	8.42	4.8			
02/24/2013	12:49:22	5762	0.0	8.42	4.8			
02/24/2013	12:49:52	5671	0.0	8.42	4.8			
02/24/2013	12:50:22	5462	0.0	8.42	4.8			
02/24/2013	12:50:52	5321	0.0	8.42	4.8			
02/24/2013	12:51:22	5283	0.0	8.42	4.8			
02/24/2013	12:51:52	6159	0.0	8.42	4.8			
02/24/2013	12:52:22	6180	0.0	8.41	4.8			
02/24/2013	12:52:52	6019	0.0	8.41	4.8			
02/24/2013	12:53:22	5954	0.0	8.41	4.8			
02/24/2013	12:53:45					High psi test		
02/24/2013	12:53:45	5929	0.0	8.42	4.8			
02/24/2013	12:53:52	5796	0.0	8.42	4.8			
02/24/2013	12:54:22					Reset Total, Vol = 4.80 bbl		
02/24/2013	12:54:22	12	0.0	8.41	4.8			
02/24/2013	12:54:52	5	0.0	8.41	0.0			
02/24/2013	12:55:22	5	0.0	8.41	0.0			
02/24/2013	12:55:52	4	0.0	8.41	0.0			
02/24/2013	12:56:22	4	0.0	8.42	0.0			
02/24/2013	12:56:52	4	0.0	8.41	0.0			
02/24/2013	12:57:00					Pump ball down		
02/24/2013	12:57:00	4	0.0	8.41	0.0			
02/24/2013	12:57:22	44	1.8	8.42	0.3			
02/24/2013	12:57:52	471	4.4	8.40	1.5			
02/24/2013	12:58:22	499	4.5	8.41	3.7			
02/24/2013	12:58:52	492	4.5	8.41	5.9			
02/24/2013	12:59:22	498	4.5	8.41	8.1			
02/24/2013	12:59:52	497	4.5	8.41	10.4			
02/24/2013	13:00:18					Well has returns		
02/24/2013	13:00:18	511	4.5	8.41	12.3			
02/24/2013	13:00:22	519	4.5	8.41	12.6			
02/24/2013	13:00:52	481	4.5	8.41	14.8			
02/24/2013	13:01:22	531	4.5	8.41	17.0			
02/24/2013	13:01:52	485	4.5	8.41	19.3			
02/24/2013	13:02:22	522	4.5	8.41	21.5			
02/24/2013	13:02:52	488	4.5	8.41	23.7			
02/24/2013	13:03:22	516	4.5	8.41	26.0			
02/24/2013	13:03:52	517	4.5	8.41	28.2			
02/24/2013	13:04:22	501	4.5	8.41	30.4			
02/24/2013	13:04:52	530	4.5	8.41	32.7			
02/24/2013	13:05:22	482	4.5	8.41	34.9			
02/24/2013	13:05:52	191	2.6	8.41	36.6			
02/24/2013	13:06:22	182	2.6	8.41	37.9			
02/24/2013	13:06:52	192	2.6	8.41	39.2			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	13:07:52	191	2.6	8.41	41.8			
02/24/2013	13:08:22	185	2.6	8.41	43.0			
02/24/2013	13:08:52	192	2.6	8.41	44.3			
02/24/2013	13:09:22	184	2.6	8.41	45.6			
02/24/2013	13:09:52	191	2.6	8.41	46.9			
02/24/2013	13:10:22	183	2.6	8.41	48.2			
02/24/2013	13:10:52	186	2.6	8.41	49.5			
02/24/2013	13:11:22	180	2.6	8.41	50.8			
02/24/2013	13:11:52	186	2.6	8.41	52.1			
02/24/2013	13:12:22	181	2.6	8.41	53.4			
02/24/2013	13:12:52	189	2.6	8.41	54.7			
02/24/2013	13:13:22	193	2.6	8.41	56.0			
02/24/2013	13:13:52	183	2.6	8.41	57.3			
02/24/2013	13:14:22	189	2.6	8.41	58.5			
02/24/2013	13:14:52	179	2.6	8.41	59.8			
02/24/2013	13:15:22	185	2.6	8.41	61.1			
02/24/2013	13:15:52	179	2.6	8.41	62.4			
02/24/2013	13:16:22	189	2.6	8.41	63.7			
02/24/2013	13:16:52	183	2.6	8.41	65.0			
02/24/2013	13:17:22	189	2.6	8.41	66.3			
02/24/2013	13:17:52	184	2.6	8.41	67.6			
02/24/2013	13:18:22	189	2.6	8.41	68.9			
02/24/2013	13:18:52	1199	0.4	8.42	69.5			
02/24/2013	13:19:05					Ball landed psi up to 2500		
02/24/2013	13:19:05	1320	0.3	8.41	69.6			
02/24/2013	13:19:22	1616	0.4	8.41	69.7			
02/24/2013	13:19:52	2118	0.4	8.41	69.9			
02/24/2013	13:20:22	2498	0.0	8.41	70.1			
02/24/2013	13:20:52	2514	0.0	8.41	70.1			
02/24/2013	13:21:22	2500	0.0	8.41	70.1			
02/24/2013	13:21:52	2497	0.0	8.42	70.1			
02/24/2013	13:22:22	2491	0.0	8.41	70.1			
02/24/2013	13:22:52	2516	0.0	8.41	70.1			
02/24/2013	13:23:11					Bleed off psi		
02/24/2013	13:23:11	2516	0.0	8.42	70.1			
02/24/2013	13:23:22	2495	0.0	8.42	70.1			
02/24/2013	13:23:52	-0	0.0	8.41	70.1			
02/24/2013	13:24:22	4	0.0	8.41	70.1			
02/24/2013	13:24:52	4	0.0	8.41	70.1			
02/24/2013	13:25:22	4	0.0	8.41	70.1			
02/24/2013	13:25:52	4	0.0	8.41	70.1			
02/24/2013	13:26:22	4	0.0	8.41	70.1			
02/24/2013	13:26:52	4	0.0	8.42	70.1			
02/24/2013	13:27:22	4	0.0	8.42	70.1			
02/24/2013	13:27:52	4	0.0	8.42	70.1			
02/24/2013	13:28:22	4	0.0	8.42	70.1			
02/24/2013	13:28:52	4	0.0	8.41	70.1			
02/24/2013	13:29:22	5	0.0	8.42	70.1			
02/24/2013	13:29:52	4	0.0	8.42	70.1			
02/24/2013	13:30:22	4	0.0	8.41	70.1			
02/24/2013	13:30:52	4	0.0	8.41	70.1			
02/24/2013	13:31:22	4	0.0	8.42	70.1			
02/24/2013	13:31:52	4	0.0	8.41	70.1			
02/24/2013	13:32:22	4	0.0	8.41	70.1			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	13:33:22	4	0.0	8.41	70.1			
02/24/2013	13:33:52	3	0.0	8.41	70.1			
02/24/2013	13:34:22	3	0.0	8.41	70.1			
02/24/2013	13:34:52	5	0.0	8.42	70.1			
02/24/2013	13:35:22	4	0.0	8.41	70.1			
02/24/2013	13:35:52	4	0.0	8.41	70.1			
02/24/2013	13:36:22	4	0.0	8.41	70.1			
02/24/2013	13:36:27					Set hanger psi up to 3500 to burst		
02/24/2013	13:36:27	3	0.0	8.41	70.1			
02/24/2013	13:36:52	4	0.0	8.41	70.1			
02/24/2013	13:37:22	4	0.0	8.41	70.1			
02/24/2013	13:37:52	5	0.0	8.41	70.1			
02/24/2013	13:38:22	4	0.0	8.42	70.1			
02/24/2013	13:38:52	4	0.0	8.41	70.1			
02/24/2013	13:39:22	4	0.0	8.41	70.1			
02/24/2013	13:39:52	4	0.0	8.41	70.1			
02/24/2013	13:40:22	4	0.0	8.41	70.1			
02/24/2013	13:40:52	63	0.6	8.41	70.1			
02/24/2013	13:41:22	892	0.3	8.42	70.5			
02/24/2013	13:41:52	1372	0.5	8.42	70.7			
02/24/2013	13:42:22	2326	0.7	8.41	71.0			
02/24/2013	13:42:52	386	0.8	8.41	71.4			
02/24/2013	13:42:56					Reset Total, Vol = 71.41 bbl		
02/24/2013	13:42:56	29	0.8	8.41	71.4			
02/24/2013	13:42:58					Start 20 bbls water ahead		
02/24/2013	13:42:58	40	1.2	8.41	0.0			
02/24/2013	13:43:22	123	1.8	8.41	0.6			
02/24/2013	13:43:52	324	3.6	8.41	2.2			
02/24/2013	13:44:22	627	4.6	8.41	4.0			
02/24/2013	13:44:52	627	5.0	8.41	6.5			
02/24/2013	13:45:22	599	5.0	8.41	9.0			
02/24/2013	13:45:52	640	5.0	8.41	11.5			
02/24/2013	13:46:22	608	5.0	8.41	14.0			
02/24/2013	13:46:52	649	5.0	8.44	16.5			
02/24/2013	13:47:22	605	5.0	8.44	19.0			
02/24/2013	13:47:42					Reset Total, Vol = 20.72 bbl		
02/24/2013	13:47:42	656	5.0	8.42	20.7			
02/24/2013	13:47:43					Start CW-100		
02/24/2013	13:47:43	613	5.0	8.42	0.1			
02/24/2013	13:47:52	658	5.0	8.41	0.8			
02/24/2013	13:48:22	605	5.0	8.41	3.3			
02/24/2013	13:48:52	427	4.7	8.41	5.9			
02/24/2013	13:49:22	189	2.6	8.41	7.3			
02/24/2013	13:49:52	334	3.5	8.41	9.0			
02/24/2013	13:50:22	345	3.5	8.41	10.7			
02/24/2013	13:50:52	333	3.6	8.41	12.5			
02/24/2013	13:51:22	344	3.5	8.41	14.3			
02/24/2013	13:51:52	327	3.6	8.41	16.1			
02/24/2013	13:52:22	318	3.6	8.41	17.8			
02/24/2013	13:52:52	332	3.6	8.41	19.6			
02/24/2013	13:53:01					Reset Total, Vol = 20.14 bbl		
02/24/2013	13:53:01	328	3.6	9.33	20.1			
02/24/2013	13:53:02					Start tail slurry		
02/24/2013	13:53:02	351	3.7	9.33	0.1			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	13:53:52	492	3.5	13.54	3.0			
02/24/2013	13:54:22	485	3.5	13.73	4.7			
02/24/2013	13:54:52	439	3.5	13.70	6.5			
02/24/2013	13:55:22	425	3.5	13.73	8.2			
02/24/2013	13:55:52	400	3.5	13.75	10.0			
02/24/2013	13:56:22	384	3.5	13.74	11.7			
02/24/2013	13:56:52	360	3.5	13.75	13.4			
02/24/2013	13:57:22	341	3.5	13.79	15.2			
02/24/2013	13:57:52	371	3.5	13.79	16.9			
02/24/2013	13:58:22	364	3.5	13.81	18.7			
02/24/2013	13:58:52	318	3.5	13.82	20.4			
02/24/2013	13:59:22	369	3.5	13.84	22.2			
02/24/2013	13:59:52	307	3.5	13.84	23.9			
02/24/2013	14:00:22	367	3.5	13.85	25.7			
02/24/2013	14:00:52	385	3.5	13.86	27.4			
02/24/2013	14:01:22	364	3.5	13.85	29.2			
02/24/2013	14:01:52	367	3.5	13.84	30.9			
02/24/2013	14:02:22	372	3.5	13.84	32.7			
02/24/2013	14:02:52	344	3.5	13.84	34.5			
02/24/2013	14:03:22	376	3.5	13.82	36.2			
02/24/2013	14:03:52	343	3.5	13.80	38.0			
02/24/2013	14:04:22	324	3.5	13.78	39.7			
02/24/2013	14:04:52	286	3.5	13.79	41.5			
02/24/2013	14:05:22	330	3.5	13.76	43.2			
02/24/2013	14:05:52	304	3.5	13.78	45.0			
02/24/2013	14:06:22	290	3.5	13.77	46.7			
02/24/2013	14:06:52	306	3.5	13.76	48.5			
02/24/2013	14:07:22	296	3.5	13.75	50.3			
02/24/2013	14:07:52	292	3.5	13.74	52.0			
02/24/2013	14:08:22	335	3.5	13.73	53.8			
02/24/2013	14:08:52	344	3.5	13.73	55.5			
02/24/2013	14:09:22	311	3.5	13.73	57.3			
02/24/2013	14:09:52	340	3.5	13.72	59.0			
02/24/2013	14:10:22	278	3.5	13.57	60.8			
02/24/2013	14:10:52	304	3.5	13.63	62.6			
02/24/2013	14:11:22	323	3.5	13.63	64.3			
02/24/2013	14:11:52	269	3.5	13.63	66.1			
02/24/2013	14:12:22	320	3.5	13.62	67.8			
02/24/2013	14:12:52	246	3.5	13.61	69.6			
02/24/2013	14:13:22	278	3.5	13.61	71.4			
02/24/2013	14:13:52	259	3.5	13.60	73.1			
02/24/2013	14:14:22	268	3.5	13.60	74.9			
02/24/2013	14:14:52	16	0.4	16.12	76.1			
02/24/2013	14:14:58					Reset Total, Vol = 79.09 bbl		
02/24/2013	14:14:58	14	0.4	15.05	76.1			
02/24/2013	14:14:59					Wash pump lines		
02/24/2013	14:14:59	13	0.4	15.05	0.0			
02/24/2013	14:15:22	14	0.0	13.54	0.1			
02/24/2013	14:15:52	15	0.0	13.59	0.1			
02/24/2013	14:16:22	11	0.0	13.55	0.1			
02/24/2013	14:16:52	242	4.9	9.35	0.9			
02/24/2013	14:17:22	354	6.5	9.27	4.0			
02/24/2013	14:17:52	251	6.6	8.93	7.2			
02/24/2013	14:18:22	312	6.5	8.61	10.5			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	14:19:22	315	6.5	8.47	17.0			
02/24/2013	14:19:52	314	6.5	8.44	20.3			
02/24/2013	14:20:22	301	6.5	8.43	23.5			
02/24/2013	14:20:52	110	4.3	8.46	25.7			
02/24/2013	14:21:22	7	4.0	8.66	28.2			
02/24/2013	14:21:52	172	0.6	8.66	28.7			
02/24/2013	14:22:20					Reset Total, Vol = 28.89 bbl		
02/24/2013	14:22:20	-11	0.2	8.45	28.9			
02/24/2013	14:22:22					Start displacement		
02/24/2013	14:22:22	-8	0.1	8.44	0.0			
02/24/2013	14:22:52	1	0.0	8.44	0.0			
02/24/2013	14:23:22	2	0.0	8.44	0.0			
02/24/2013	14:23:52	4	0.0	8.44	0.0			
02/24/2013	14:24:22	4	0.0	8.43	0.0			
02/24/2013	14:24:52	5	0.0	8.43	0.0			
02/24/2013	14:25:22	37	0.0	8.43	0.0			
02/24/2013	14:25:52	265	5.1	8.40	1.5			
02/24/2013	14:26:22	211	5.9	8.41	4.6			
02/24/2013	14:26:52	226	5.9	8.41	7.5			
02/24/2013	14:27:22	234	6.0	8.41	10.5			
02/24/2013	14:27:52	238	6.0	8.42	13.5			
02/24/2013	14:28:22	447	4.8	8.42	16.3			
02/24/2013	14:28:52	487	4.7	8.42	18.7			
02/24/2013	14:29:22	596	4.7	8.42	21.1			
02/24/2013	14:29:52	296	3.5	8.42	23.3			
02/24/2013	14:30:22	329	3.2	8.42	25.0			
02/24/2013	14:30:52	338	3.2	8.43	26.6			
02/24/2013	14:31:22	449	3.2	8.42	28.1			
02/24/2013	14:31:52	401	3.2	8.42	29.8			
02/24/2013	14:32:22	453	3.2	8.42	31.4			
02/24/2013	14:32:52	452	3.2	8.42	33.0			
02/24/2013	14:33:22	487	3.2	8.42	34.6			
02/24/2013	14:33:34					Sheered plug out		
02/24/2013	14:33:34	458	3.2	8.42	35.2			
02/24/2013	14:33:50					Well has returns		
02/24/2013	14:33:50	768	4.5	8.42	36.2			
02/24/2013	14:33:52	787	4.6	8.42	36.3			
02/24/2013	14:34:22	855	4.9	8.42	38.8			
02/24/2013	14:34:52	899	4.9	8.42	41.3			
02/24/2013	14:35:22	880	4.9	8.42	43.7			
02/24/2013	14:35:52	909	4.9	8.43	46.2			
02/24/2013	14:36:22	906	4.9	8.42	48.7			
02/24/2013	14:36:52	946	4.9	8.42	51.1			
02/24/2013	14:37:22	917	4.9	8.42	53.6			
02/24/2013	14:37:52	954	4.9	8.42	56.1			
02/24/2013	14:38:22	988	4.9	8.42	58.5			
02/24/2013	14:38:52	977	4.9	8.42	61.0			
02/24/2013	14:39:22	979	4.9	8.42	63.5			
02/24/2013	14:39:52	993	4.9	8.42	65.9			
02/24/2013	14:40:22	986	4.9	8.42	68.4			
02/24/2013	14:40:52	1016	4.9	8.42	70.8			
02/24/2013	14:41:22	1002	4.9	8.42	73.3			
02/24/2013	14:41:52	1041	4.9	8.42	75.8			
02/24/2013	14:42:22	1026	4.9	8.42	78.2			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	14:43:22	461	2.5	8.42	81.9			
02/24/2013	14:43:52	491	2.6	8.42	83.2			
02/24/2013	14:44:22	468	2.5	8.42	84.4			
02/24/2013	14:44:52	482	2.6	8.42	85.7			
02/24/2013	14:45:22	469	2.6	8.42	87.0			
02/24/2013	14:45:52	469	2.6	8.42	88.3			
02/24/2013	14:46:22	477	2.6	8.42	89.5			
02/24/2013	14:46:52	482	2.6	8.42	90.8			
02/24/2013	14:47:22	499	2.6	8.42	92.1			
02/24/2013	14:47:52	475	2.5	8.42	93.4			
02/24/2013	14:48:22	495	2.6	8.42	94.6			
02/24/2013	14:48:52	472	2.5	8.42	95.9			
02/24/2013	14:49:21					Bump plug		
02/24/2013	14:49:21	1102	0.0	8.43	96.6			
02/24/2013	14:49:22	1102	0.0	8.43	96.6			
02/24/2013	14:49:52	1118	0.0	8.43	96.6			
02/24/2013	14:50:22	1105	0.0	8.43	96.6			
02/24/2013	14:50:52	1096	0.0	8.43	96.6			
02/24/2013	14:51:01					Check floats , Floats holding .5 bbl back		
02/24/2013	14:51:01	110	0.0	8.43	96.6			
02/24/2013	14:51:22	3	0.0	8.43	96.6			
02/24/2013	14:51:39					Sting out direct circulate		
02/24/2013	14:51:39	4	0.0	8.43	96.6			
02/24/2013	14:51:52	3	0.0	8.43	96.6			
02/24/2013	14:58:52	2	0.0	8.43	96.6			
02/24/2013	14:59:22	11	2.0	8.43	97.1			
02/24/2013	14:59:52	292	3.3	8.43	98.1			
02/24/2013	15:00:22	443	4.5	8.42	100.1			
02/24/2013	15:00:52	517	5.0	8.42	102.6			
02/24/2013	15:01:00					Well has returns direct circulating		
02/24/2013	15:01:00	560	5.0	8.42	103.2			
02/24/2013	15:01:22	689	5.6	8.42	105.1			
02/24/2013	15:01:52	849	6.4	8.42	108.1			
02/24/2013	15:02:22	1126	6.7	8.43	111.3			
02/24/2013	15:02:52	1254	7.8	8.43	115.1			
02/24/2013	15:03:22	1247	7.8	8.43	119.0			
02/24/2013	15:03:52	1242	7.8	8.43	122.9			
02/24/2013	15:04:22	1247	7.8	8.43	126.8			
02/24/2013	15:04:52	1251	7.8	8.43	130.7			
02/24/2013	15:05:22	1253	7.8	8.43	134.6			
02/24/2013	15:05:52	1246	7.8	8.43	138.5			
02/24/2013	15:06:22	1246	7.8	8.43	142.4			
02/24/2013	15:06:52	1240	7.8	8.43	146.3			
02/24/2013	15:07:22	1250	7.8	8.43	150.3			
02/24/2013	15:07:52	1250	7.8	8.43	154.2			
02/24/2013	15:08:22	1252	7.8	8.43	158.1			
02/24/2013	15:08:52	1251	7.8	8.43	162.0			
02/24/2013	15:09:22	1248	7.8	8.43	165.9			
02/24/2013	15:09:52	1233	7.8	8.43	169.8			
02/24/2013	15:10:22	1249	7.8	8.43	173.7			
02/24/2013	15:10:52	1239	7.8	8.43	177.6			
02/24/2013	15:11:22	1248	7.8	8.43	181.5			
02/24/2013	15:11:52	1258	7.8	8.43	185.4			
02/24/2013	15:12:22	1256	7.8	8.43	189.3			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	15:12:29	1250	7.8	8.43	190.2			
02/24/2013	15:12:52	1239	7.8	8.43	193.2			
02/24/2013	15:13:22	1235	7.8	8.43	197.1			
02/24/2013	15:13:52	1233	7.8	8.43	201.0			
02/24/2013	15:14:22	1243	7.8	8.43	204.9			
02/24/2013	15:14:52	1245	7.8	8.43	208.8			
02/24/2013	15:15:19					15 bbls back cement water		
02/24/2013	15:15:19	1236	7.7	8.43	212.3			
02/24/2013	15:15:22	1244	7.8	8.43	212.7			
02/24/2013	15:15:52	1244	7.8	8.43	216.6			
02/24/2013	15:16:22	1246	7.8	8.43	220.5			
02/24/2013	15:16:52	1243	7.8	8.43	224.4			
02/24/2013	15:17:22	1243	7.8	8.43	228.3			
02/24/2013	15:17:52	10	0.0	8.44	230.1			
02/24/2013	15:18:22	43	1.2	8.44	230.2			
02/24/2013	15:18:52	1267	6.5	8.43	232.2			
02/24/2013	15:19:22	1237	7.8	8.43	236.0			
02/24/2013	15:19:52	1232	7.8	8.44	239.9			
02/24/2013	15:20:22	1233	7.8	8.43	243.8			
02/24/2013	15:20:52	1246	7.8	8.44	247.7			
02/24/2013	15:21:22	9	0.0	8.44	248.9			
02/24/2013	15:21:52	9	0.0	8.44	248.9			
02/24/2013	15:22:22	9	0.0	8.44	248.9			
02/24/2013	15:22:52	9	0.0	8.44	248.9			
02/24/2013	15:23:22	9	0.0	8.44	248.9			
02/24/2013	15:23:52	10	0.0	8.44	248.9			
02/24/2013	15:24:22	9	0.0	8.44	248.9			
02/24/2013	15:24:52	9	0.0	8.44	248.9			
02/24/2013	15:25:22	9	0.0	8.44	248.9			
02/24/2013	15:25:52	10	0.0	8.44	248.9			
02/24/2013	15:26:22	10	0.0	8.44	248.9			
02/24/2013	15:26:52	10	0.0	8.44	248.9			
02/24/2013	15:27:22	10	0.0	8.44	248.9			
02/24/2013	15:27:52	10	0.0	8.44	248.9			
02/24/2013	15:28:22	10	0.0	8.44	248.9			
02/24/2013	15:28:52	9	0.0	8.44	248.9			
02/24/2013	15:29:22	10	0.0	8.44	248.9			
02/24/2013	15:29:52	10	0.0	8.44	248.9			
02/24/2013	15:30:22	10	0.0	8.44	248.9			
02/24/2013	15:30:52	10	0.0	8.44	248.9			
02/24/2013	15:31:22	9	0.0	8.44	248.9			
02/24/2013	15:31:52	10	0.0	8.44	248.9			
02/24/2013	15:32:22	10	0.0	8.44	248.9			
02/24/2013	15:32:52	9	0.0	8.44	248.9			
02/24/2013	15:33:22	10	0.0	8.44	248.9			
02/24/2013	15:33:52	10	0.0	8.44	248.9			
02/24/2013	15:34:22	10	0.0	8.44	248.9			
02/24/2013	15:34:52	10	0.0	8.44	248.9			
02/24/2013	15:35:22	10	0.0	8.44	248.9			
02/24/2013	15:35:52	10	0.0	8.44	248.9			
02/24/2013	15:36:22	9	0.0	8.44	248.9			
02/24/2013	15:36:52	10	0.0	8.44	248.9			
02/24/2013	15:37:22	9	0.0	8.44	248.9			
02/24/2013	15:37:52	9	0.0	8.44	248.9			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	15:38:52	8	0.0	8.44	248.9			
02/24/2013	15:39:22	8	0.0	8.44	248.9			
02/24/2013	15:39:52	8	0.0	8.44	248.9			
02/24/2013	15:40:22	8	0.0	8.44	248.9			
02/24/2013	15:40:52	8	0.0	8.44	248.9			
02/24/2013	15:41:22	8	0.0	8.44	248.9			
02/24/2013	15:41:52	8	0.0	8.44	248.9			
02/24/2013	15:42:22	4	0.0	8.44	248.9			
02/24/2013	15:42:52	6	0.1	8.44	248.9			
02/24/2013	15:42:59					Pump 5 bbls through back side		
02/24/2013	15:42:59	63	1.4	8.44	249.0			
02/24/2013	15:43:22	3	1.7	8.43	249.7			
02/24/2013	15:43:24					Close rams. Psi test annulas 2800 psi		
02/24/2013	15:43:24	4	1.3	8.43	249.8			
02/24/2013	15:43:52	4	0.0	8.43	249.9			
02/24/2013	15:44:22	4	0.0	8.44	249.9			
02/24/2013	15:44:52	5	0.0	8.44	249.9			
02/24/2013	15:45:22	5	0.0	8.44	249.9			
02/24/2013	15:45:52	5	0.0	8.44	249.9			
02/24/2013	15:46:22	362	1.0	8.43	250.3			
02/24/2013	15:46:52	324	0.5	8.43	250.7			
02/24/2013	15:47:22	361	0.8	8.44	251.0			
02/24/2013	15:47:52	332	0.4	8.44	251.4			
02/24/2013	15:48:22	262	0.0	8.44	251.4			
02/24/2013	15:48:52	226	0.0	8.44	251.4			
02/24/2013	15:49:22	199	0.0	8.44	251.4			
02/24/2013	15:49:38					Rams leaking, Getting returns.		
02/24/2013	15:49:38	186	0.0	8.44	251.4			
02/24/2013	15:49:52	6	0.0	8.44	251.4			
02/24/2013	15:50:16					Try agian to psi up annulas		
02/24/2013	15:50:16	6	0.0	8.44	251.4			
02/24/2013	15:50:22	6	0.0	8.44	251.4			
02/24/2013	15:50:52	15	0.0	8.44	251.4			
02/24/2013	15:51:22	261	0.6	8.44	0.4			
02/24/2013	15:51:52	337	0.9	8.44	0.8			
02/24/2013	15:52:22	321	1.1	8.44	1.3			
02/24/2013	15:52:52	362	1.1	8.44	1.8			
02/24/2013	15:53:22	322	1.1	8.44	2.4			
02/24/2013	15:53:52	345	1.1	8.44	2.9			
02/24/2013	15:54:22	395	2.0	8.44	3.5			
02/24/2013	15:54:52	428	2.2	8.44	4.6			
02/24/2013	15:55:22	447	2.3	8.44	5.8			
02/24/2013	15:55:52	451	2.3	8.44	6.9			
02/24/2013	15:56:22	451	2.4	8.44	8.1			
02/24/2013	15:56:52	480	2.5	8.44	9.3			
02/24/2013	15:57:22	337	0.0	8.44	10.0			
02/24/2013	15:57:52	314	0.0	8.44	10.0			
02/24/2013	15:58:22	301	0.0	8.44	10.0			
02/24/2013	15:58:52	290	0.0	8.44	10.0			
02/24/2013	15:59:22	280	0.0	8.45	10.0			
02/24/2013	15:59:52	272	0.0	8.44	10.0			
02/24/2013	16:00:22	261	0.0	8.45	10.0			
02/24/2013	16:00:52	252	0.0	8.45	10.0			
02/24/2013	16:01:22	246	0.0	8.45	10.0			

Well Condiff 8-22-33-5-23 Condiff 8-22-5-23			Field Mississippi Lime		Job Start Feb/24/2013	Customer Source Energy		Job Number C4PA-00184
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/24/2013	16:02:22	231	0.0	8.45	10.0			
02/24/2013	16:02:52	222	0.0	8.45	10.0			
02/24/2013	16:03:22	213	0.0	8.45	10.0			
02/24/2013	16:03:52	208	0.0	8.45	10.0			
02/24/2013	16:04:22	203	0.0	8.45	10.0			
02/24/2013	16:04:52	196	0.0	8.45	10.0			
02/24/2013	16:05:22	190	0.0	8.45	10.0			
02/24/2013	16:05:52	181	0.0	8.45	10.0			
02/24/2013	16:06:22	177	0.0	8.45	10.0			
02/24/2013	16:06:52	170	0.0	8.45	10.0			
02/24/2013	16:07:22	166	0.0	8.45	10.0			
02/24/2013	16:07:52	162	0.0	8.45	10.0			
02/24/2013	16:08:22	154	0.0	8.45	10.0			
02/24/2013	16:08:52	148	0.0	8.45	10.0			
02/24/2013	16:09:22	110	0.0	8.45	10.0			
02/24/2013	16:09:52	3	0.0	8.45	10.0			
02/24/2013	16:10:22	-1	0.0	8.45	10.0			
02/24/2013	16:10:52	-1	0.0	8.45	10.0			
02/24/2013	16:11:22	17	1.4	8.45	10.6			
02/24/2013	16:11:52	-2	0.0	8.45	10.9			
02/24/2013	16:12:22	-2	0.0	8.45	10.9			
02/24/2013	16:12:52	-11	1.7	8.45	11.3			
02/24/2013	16:13:22	-3	0.0	8.45	11.3			
02/24/2013	16:13:52	-2	0.0	8.45	11.3			
02/24/2013	16:14:22	-1	0.0	8.45	11.3			
02/24/2013	16:14:52	-1	0.0	8.45	11.3			
02/24/2013	16:15:22	-2	0.0	8.45	11.3			
02/24/2013	16:15:52	-1	0.0	8.45	11.3			
02/24/2013	16:16:22	-1	0.0	8.45	11.3			
02/24/2013	16:16:52	-1	0.0	8.45	11.3			
02/24/2013	16:17:22	-1	0.0	8.45	11.3			
02/24/2013	16:17:52	-1	0.0	8.45	11.3			
02/24/2013	16:18:22	-1	0.0	8.45	11.3			
02/24/2013	16:18:52	-1	0.0	8.45	11.3			
02/24/2013	16:19:22	-1	0.0	8.45	11.3			
02/24/2013	16:19:52	-1	0.0	8.45	11.3			
02/24/2013	16:20:22	-1	0.0	8.45	11.3			
02/24/2013	16:20:52	-1	0.0	8.45	11.3			
02/24/2013	16:21:22	-1	0.0	8.45	11.3			
02/24/2013	16:21:52	-1	0.0	8.45	11.3			
02/24/2013	16:22:22	-1	0.0	8.45	11.3			
02/24/2013	16:22:52	1	0.0	8.45	11.3			
02/24/2013	16:23:22	4	0.0	8.45	11.3			
02/24/2013	16:23:52	4	0.0	8.45	11.3			
02/24/2013	16:24:22	3	0.0	8.45	11.3			
02/24/2013	16:24:52	4	0.0	8.45	11.3			
02/24/2013	16:25:22	4	0.0	8.45	11.3			
02/24/2013	16:25:52	3	0.0	8.45	11.3			
02/24/2013	16:26:22	4	0.0	8.45	11.3			
02/24/2013	16:26:52	5	0.0	8.45	11.3			
02/24/2013	16:27:22	4	0.0	8.45	11.3			
02/24/2013	16:27:52	4	0.0	8.45	11.3			
02/24/2013	16:28:22	4	0.0	8.45	11.3			
02/24/2013	16:28:31					Un able to psi up annulas		

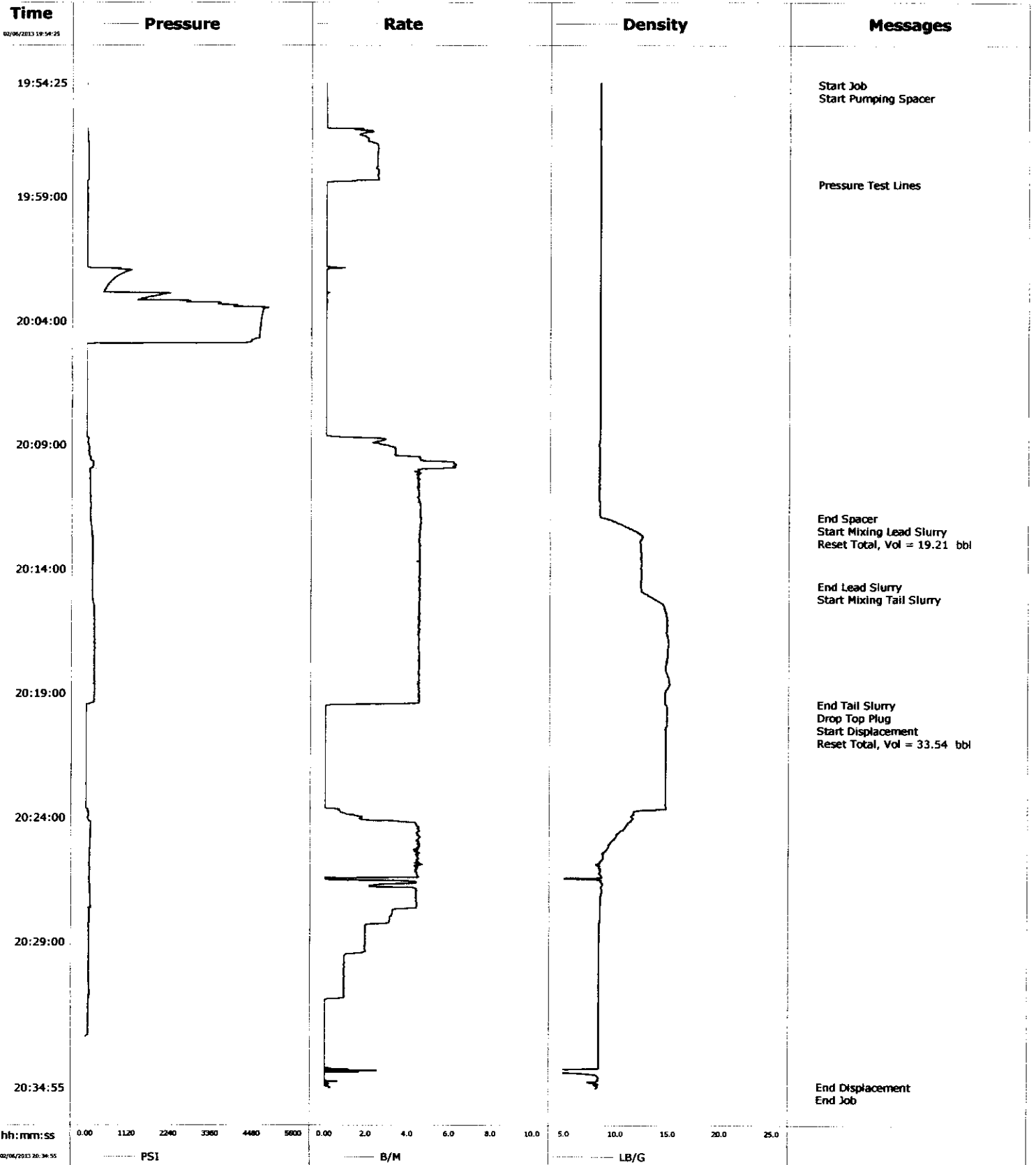
Well		Field		Job Start		Customer		Job Number	
Condiff 8-22-33-5-23 Condiff 8-22-5-23		Mississippi Lime		Feb/24/2013		Source Energy		C4PA-00184	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/24/2013	16:28:31	4	0.0	8.45	11.3				
02/24/2013	16:28:52	15	1.2	8.45	11.8				
02/24/2013	16:29:22	3	1.2	8.45	12.5				
02/24/2013	16:29:52	4	0.0	8.45	12.6				
02/24/2013	16:30:22	146	0.9	8.45	12.6				
02/24/2013	16:30:52	1104	0.8	8.45	13.0				
02/24/2013	16:31:22	2173	0.7	8.45	13.4				
02/24/2013	16:31:52	2768	0.5	8.45	13.7				
02/24/2013	16:32:08					Wet shoe assembly bursted follow with 5 bbls water			
02/24/2013	16:32:08	376	1.0	8.45	13.8				
02/24/2013	16:32:22	600	2.5	8.45	14.3				
02/24/2013	16:32:52	550	2.6	8.45	15.6				
02/24/2013	16:33:20					End job			
02/24/2013	16:33:20	568	2.6	8.45	16.8				
02/24/2013	16:33:22	554	2.5	8.45	16.9				
02/24/2013	16:33:52	82	0.8	8.45	18.1				
02/24/2013	16:34:22	4	0.0	8.45	18.1				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.4		0.0	6.8	80.0	0.0	20.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
6289	4	672	1102		FreshWater	20.0 bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume		
	80.0 bbl	92.0 bbl	38 degF	<input type="checkbox"/>			
				Washed Thru Perfs	To		
				<input type="checkbox"/>			
Customer or Authorized Representative		Schlumberger Supervisor		Circulation Lost	Job Completed		
Source Energy Repersanitive		Anthony Cucci		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
				-	-		

Well Condiff 8-22-5-23H
Field
Engineer Daniel Myers
Country United States

Client Source Energy
SIR No. 926662
Job Type Cem Surface Casing
Job Date 02-06-2013



				Customer Source Energy			Job Number 926662		
Well Condif 8-22-5-23H 8-22-5-23H			Location (legal) Wellington, Ks			Schlumberger Location		Job Start Feb/06/2013	
Field		Formation Name/Type		Deviation deg	Bit Size 12.3 in	Well MD 360.0 ft	Well TVD 360.0 ft		
County Sumner		State/Province Kansas		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal		
Well Master Sec8 -T33S-R1E		API/UWI							
Rig Name		Drilled For	Service Via		Casing/Liner				
Offshore Zone		Well Class New	Well Type Exploration		Depth, ft 328.0	Size, in 9.6	Weight, lb/ft 36.0	Grade J55	Thread 8RD
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe				
Service Line Cementing		Job Type Cem Surface Casing		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade Thread	
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Single Cement head		Perforations/Open Hole					
Service Instructions				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
				ft	ft			Diameter in	
				ft	ft				
Treat Down Casing		Displacement 22.3 bbl		Packer Type		Packer Depth ft			
Tubing Vol. bbl		Casing Vol. 25.3 bbl		Annular Vol. bbl		Openhole Vol. bbl			
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job			
Lift Pressure 111 psi		Pipe Rotated		Pipe Reciprocated <input type="checkbox"/>		Shoe Type	Float	Squeeze Type	
No. Centralizers		Top Plugs 1	Bottom Plugs		Shoe Depth 328.0 ft	Tool Type			
Cement Head Type Single		Stage Tool Type		Tool Depth ft					
Job Scheduled For Feb/06/2013		Arrived on Location Feb/06/2013		Leave Location Feb/06/2013		Stage Tool Depth ft	Tail Pipe Size in		
						Collar Type none	Tail Pipe Depth ft		
						Collar Depth ft	Seq. Total Vol. bbl		
Date	Time 24-hr clock	Trusting Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/06/2013	19:54:25	0	0.0	8.40	0.0				
02/06/2013	19:54:29	0	0.0	8.40	0.0	Start Job			
02/06/2013	19:54:32	-2	0.0	8.40	0.0	Start Pumping Spacer			
02/06/2013	19:54:55	-2	0.0	8.40	0.0				
02/06/2013	19:55:25	-3	0.0	8.40	0.0				
02/06/2013	19:55:55	-3	0.0	8.40	0.0				
02/06/2013	19:56:25	19	1.9	8.40	0.3				
02/06/2013	19:56:55	50	2.5	8.37	1.3				
02/06/2013	19:57:25	51	2.5	8.40	2.6				
02/06/2013	19:57:55	52	2.5	8.40	3.8				
02/06/2013	19:58:25	18	0.0	8.40	4.9				
02/06/2013	19:58:30	16	0.0	8.40	4.9	Pressure Test Lines			
02/06/2013	19:58:55	15	0.0	8.40	4.9				
02/06/2013	19:59:25	15	0.0	8.40	4.9				
02/06/2013	19:59:55	15	0.0	8.41	4.9				
02/06/2013	20:00:25	15	0.0	8.41	4.9				
02/06/2013	20:00:55	15	0.0	8.40	4.9				
02/06/2013	20:01:25	15	0.0	8.40	4.9				
02/06/2013	20:01:55	978	0.1	8.40	5.0				
02/06/2013	20:02:25	640	0.0	8.41	5.0				
02/06/2013	20:02:55	2050	0.0	8.41	5.0				

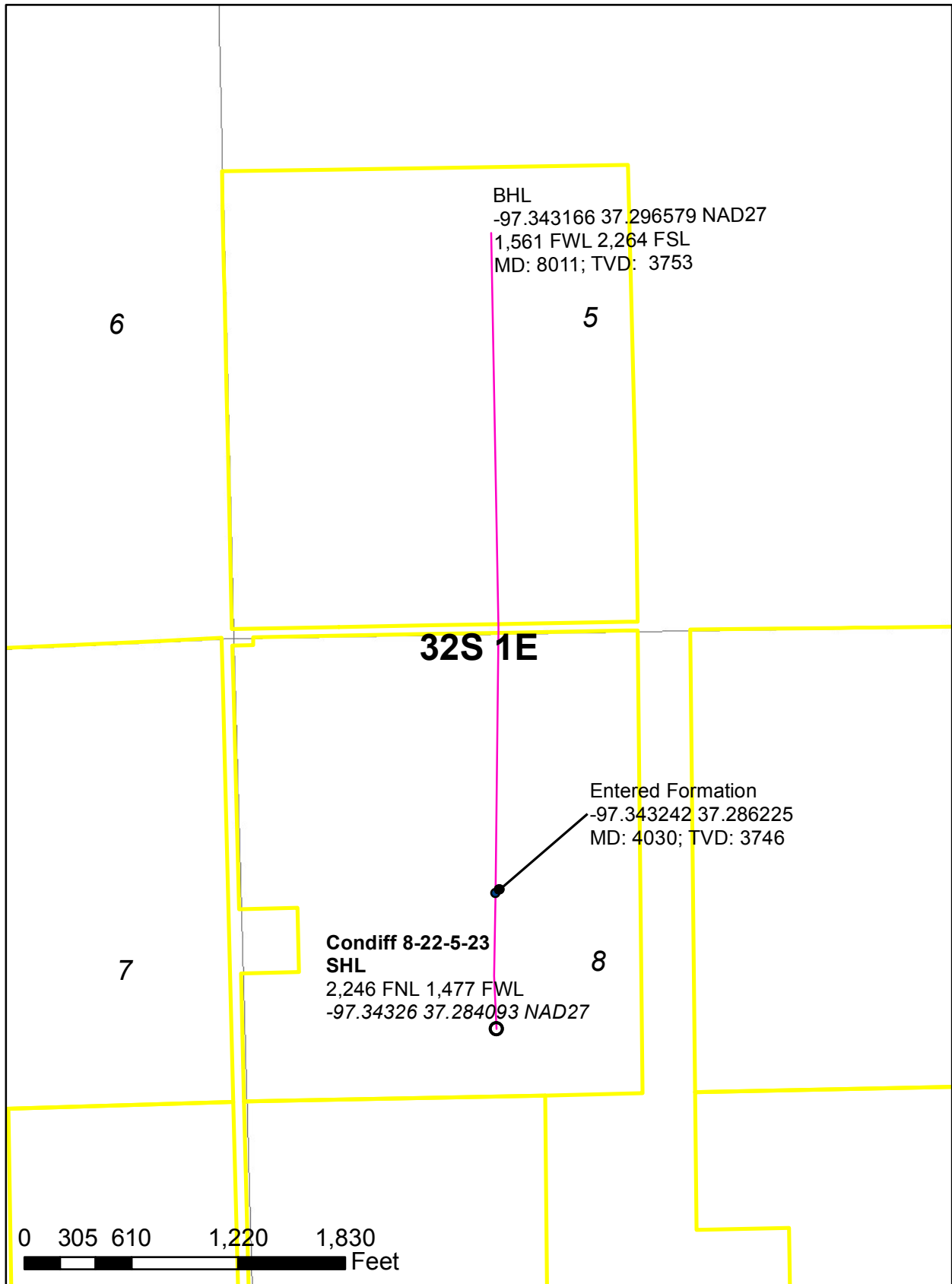
Well		Field	Job Start		Customer	Job Number
Condiff 8-22-5-23H 8-22-5-23H			Feb/06/2013		Source Energy	926662
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/06/2013	20:03:55	4691	0.0	8.41	5.0	
02/06/2013	20:04:25	4653	0.0	8.41	5.0	
02/06/2013	20:04:55	5	0.0	8.41	5.0	
02/06/2013	20:05:25	1	0.0	8.41	5.0	
02/06/2013	20:05:55	0	0.0	8.40	5.0	
02/06/2013	20:06:25	10	0.0	8.41	5.0	
02/06/2013	20:06:55	11	0.0	8.40	5.0	
02/06/2013	20:07:25	10	0.0	8.41	5.0	
02/06/2013	20:07:55	10	0.0	8.41	5.0	
02/06/2013	20:08:25	10	0.0	8.40	5.0	
02/06/2013	20:08:55	52	2.4	8.35	5.6	
02/06/2013	20:09:25	86	3.3	8.36	7.2	
02/06/2013	20:09:55	173	5.7	8.37	9.9	
02/06/2013	20:10:25	102	4.4	8.35	12.2	
02/06/2013	20:10:55	112	4.5	8.34	14.4	
02/06/2013	20:11:25	118	4.6	8.40	16.6	
02/06/2013	20:11:55	116	4.6	8.74	18.9	End Spacer
02/06/2013	20:11:57	116	4.6	9.11	19.1	Start Mixing Lead Slurry
02/06/2013	20:11:59	120	4.6	9.26	19.2	Reset Total, Vol = 19.21 bbl
02/06/2013	20:12:25	152	4.5	11.58	21.2	
02/06/2013	20:12:55	179	4.5	12.28	23.4	
02/06/2013	20:13:25	180	4.5	12.37	25.7	
02/06/2013	20:13:55	171	4.5	12.34	28.0	
02/06/2013	20:14:25	168	4.5	12.36	30.2	
02/06/2013	20:14:39	164	4.5	12.32	31.3	End Lead Slurry
02/06/2013	20:14:40	167	4.5	12.32	31.4	Start Mixing Tail Slurry
02/06/2013	20:14:55	166	4.5	12.53	32.5	
02/06/2013	20:15:25	211	4.5	14.50	34.7	
02/06/2013	20:15:55	231	4.5	14.86	37.0	
02/06/2013	20:16:25	233	4.5	14.87	39.2	
02/06/2013	20:16:55	225	4.5	14.99	41.5	
02/06/2013	20:17:25	231	4.5	14.91	43.7	
02/06/2013	20:17:55	235	4.5	14.69	46.0	
02/06/2013	20:18:25	222	4.5	15.05	48.2	
02/06/2013	20:18:55	238	4.5	14.71	50.5	
02/06/2013	20:19:25	29	1.9	14.75	52.7	
02/06/2013	20:19:26	15	1.9	14.75	52.7	End Tail Slurry
02/06/2013	20:19:28	15	0.1	14.83	52.7	Drop Top Plug
02/06/2013	20:19:29	15	0.0	14.83	52.7	Start Displacement
02/06/2013	20:19:31	15	0.0	14.83	52.7	Reset Total, Vol = 33.54 bbl
02/06/2013	20:19:55	14	0.0	14.83	52.7	
02/06/2013	20:20:25	13	0.0	14.72	52.7	
02/06/2013	20:20:55	13	0.0	14.73	52.7	
02/06/2013	20:21:25	13	0.0	14.73	52.7	
02/06/2013	20:21:55	12	0.0	14.73	52.7	
02/06/2013	20:22:25	13	0.0	14.73	52.7	
02/06/2013	20:22:55	12	0.0	14.73	52.7	
02/06/2013	20:23:25	12	0.0	14.73	52.7	
02/06/2013	20:23:55	74	1.5	11.53	53.0	
02/06/2013	20:24:25	140	4.5	10.83	54.7	
02/06/2013	20:24:55	132	4.4	9.62	56.9	
02/06/2013	20:25:25	114	4.5	8.74	59.1	
02/06/2013	20:25:55	96	4.3	8.45	61.4	
02/06/2013	20:26:25	105	0.0	4.94	63.5	

Well			Field		Job Start		Customer		Job Number	
Condiff 8-22-5-23H 8-22-5-23H					Feb/06/2013		Source Energy		926662	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/W	Density LB/G	Volume BBL	Message				
02/06/2013	20:27:25	138	4.4	8.56	67.2					
02/06/2013	20:27:55	106	3.2	8.50	69.1					
02/06/2013	20:28:25	86	2.0	8.41	70.5					
02/06/2013	20:28:55	95	1.9	8.40	71.5					
02/06/2013	20:29:25	100	1.8	8.40	72.4					
02/06/2013	20:29:55	93	1.0	8.40	72.9					
02/06/2013	20:30:25	99	1.0	8.40	73.4					
02/06/2013	20:30:55	111	1.0	8.40	73.9					
02/06/2013	20:31:25	86	0.0	8.40	74.3					
02/06/2013	20:31:55	79	0.0	8.40	74.3					
02/06/2013	20:32:25	77	0.0	8.40	74.3					
02/06/2013	20:32:55	-1	0.0	8.40	74.3					
02/06/2013	20:33:25	-1	0.0	8.40	74.3					
02/06/2013	20:33:55	-1	0.0	8.40	74.3					
02/06/2013	20:34:25	-1	0.0	8.22	74.4					
02/06/2013	20:34:51	-1	0.2	8.31	74.4	End Displacement				
02/06/2013	20:34:52	-0	0.2	8.31	74.4	End Job				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.4			6.3	36.7	0.0	18.9	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
4863	-1	331				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	2.0 bbl
%	0.0 bbl	22.3 bbl	degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
My. Charles Vallog	Daniel Myers						

Source Energy MidCon, LLC Horiz Completion (NAD27) Condifff 8-22-5-23H



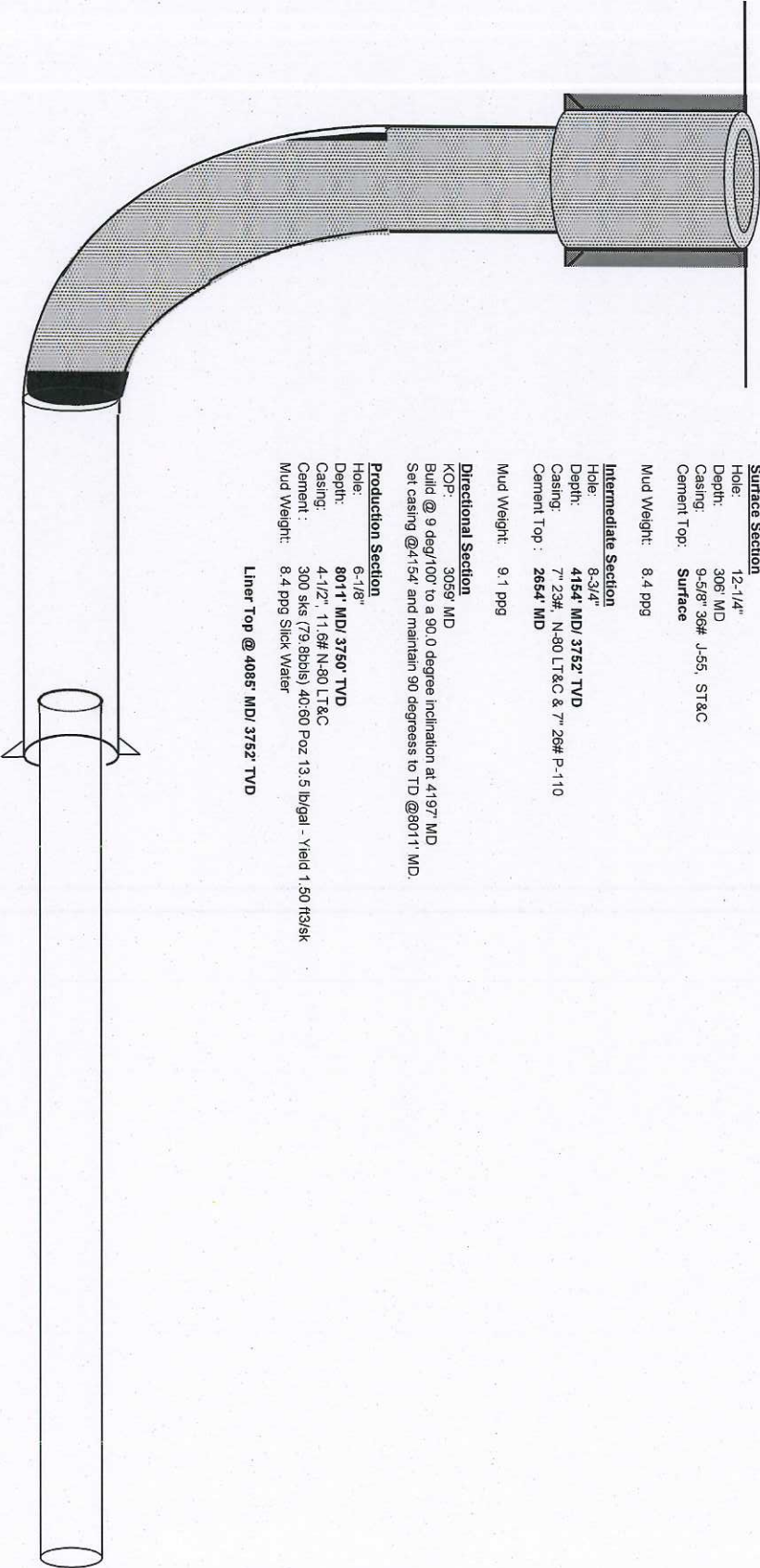
Condiff 8-22-5-23 H

As Drilled Wellbore Diagram - NOT TO SCALE



Updated: 3/26/2013
 Location: Section 8 Township 32S Range 1E, Sumner County, Kansas
 Field: Rusk
 API Number: 15-191-22669-01-00
 Target Zone: Mississippi Lime
 Mississippi @ 3575' / 3752' MDT/V/D

Elevations:
 GL 1247'
 KB 1264'
 KB 17'



Surface Section
 Hole: 12-1/4"
 Depth: 306' MD
 Casing: 9-5/8" 36# J-55, ST&C
 Cement Top: Surface
 Mud Weight: 8.4 ppg

Intermediate Section
 Hole: 8-3/4"
 Depth: 4154' MD / 3752' TVD
 Casing: 7" 23#, N-80 LT&C & 7" 26# P-110
 Cement Top: 2654' MD
 Mud Weight: 9.1 ppg

Directional Section
 KOP: 3059' MD
 Build @ 9 deg/100' to a 90.0 degree inclination at 4197' MD
 Set casing @ 4154' and maintain 90 degrees to TD @ 8011' MD.

Production Section
 Hole: 6-1/8"
 Depth: 8011' MD / 3750' TVD
 Casing: 4-1/2" 11.6# N-80 LT&C
 Cement: 300 sks (79.8 bbls) 40/60 Poz 13.5 lb/gal - Yield 1.50 ft³/sk
 Mud Weight: 8.4 ppg Slick Water
 Liner Top @ 4085' MD / 3752' TVD

Lead Slurry

47 sks 35:65 Poz:C

Sacks Of:	Cement		Total Blend/Cem:	4,058.42 lb
Sack Weight:	87.00 lb		Dry Blend Code:	
Yield:	2.01 ft ³ /sk		Final Fluid Density:	12.40 lb/gal
Mix Water:	11.06 ft ³ /sk		Base Fluid Den:	
Mix Fluid:			Volume: Base Fluid Vol:	
Mix Water Den:			Acid Volume:	
Sacks Blend/Cem:	46.65 sks			

Code	Conc	Design	Total by design	Load out with excess
D903	61.000 lb/sk	WTSK	2,845.56 lb	2,845.56 lb
D035	26.000 lb/sk	WTSK	1,212.86 lb	1,212.86 lb
D020	6.000 %	BWOB	243.51 lb	243.51 lb
S001	2.000 %	BWOB	81.17 lb	81.17 lb
D130	0.125 lb/sk	WTSK	5.83 lb	5.83 lb

Tail Slurry

84 sks Class C

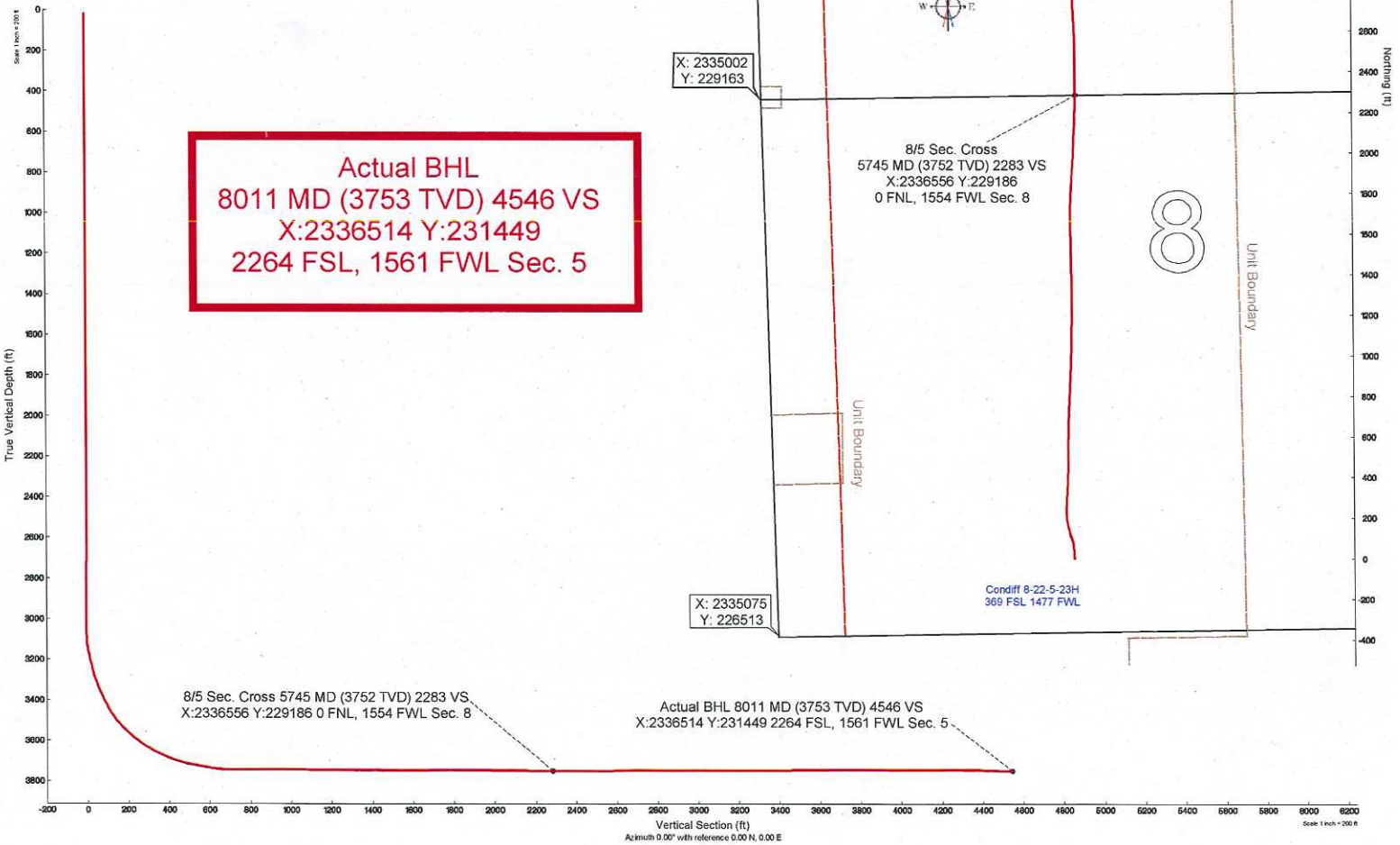
Sacks Of:	Cement		Total Blend/Cem:	7,857.04 lb
Sack Weight:	94.00 lb		Dry Blend Code:	
Yield:	1.33 ft ³ /sk		Final Fluid Density:	14.80 lb/gal
Mix Water:	6.29 ft ³ /sk		Base Fluid Den:	
Mix Fluid:			Volume: Base Fluid Vol:	
Mix Water Den:			Acid Volume:	
Sacks Blend/Cem:	83.59 sks			
Total Mix Water:	14.88 m ³		Acid Conc:	
Total Mix Fluid:				

Code	Conc	Design	Total by design	Load out with excess
D903	94.000 lb/sk	WTSK	7,857.04 lb	7,857.04 lb
D130	0.125 lb/sk	WTSK	10.45 lb	10.45 lb

Source Energy

Condifff 8-22-5-23H SL 369 FSL 1477 FWL (Final)
 Condifff 8-22-5-23H 369 FSL 1477 FWL
 Sumner County, KS (Source Energy) NAD27 /Grid

True vertical depths are referenced to Rig on Condifff 8-22-5-23H 369 FSL 1477 FWL (RKB)		Grid System: NAD27 (1) Lambert Kansas SP, Southern Zone (1502), US feet				
Measured depths are referenced to Rig on Condifff 8-22-5-23H 369 FSL 1477 FWL (RKB)		North Reference: Grid north				
Rig on Condifff 8-22-5-23H 369 FSL 1477 FWL (RKB) to Mean Sea Level: 1264 feet		Scale: True distance				
Mean Sea Level to Mud line (K St. Condifff 8-22-5-23H 369 FSL 1477 FWL) -1247 feet		Depths are in feet				
Coordinates are in feet referenced to Facility Center		Created by: fernhik on 1/1/2013				
Location Information						
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Condifff 8-22-5-23H Section 8 323 1E	2336542.000	226903.000	37°17'02.7387N	97°29'55.7511W		
Spot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Condifff 8-22-5-23H 369 FSL 1477 FWL	0.00	0.00	2336542.000	226903.000	37°17'02.7387N	97°29'55.7511W
Rig on Condifff 8-22-5-23H 369 FSL 1477 FWL (RKB) to Mud line (K St. Condifff 8-22-5-23H 369 FSL 1477 FWL)					17%	
Mean Sea Level to Mud line (K St. Condifff 8-22-5-23H 369 FSL 1477 FWL)					-1247%	
Rig on Condifff 8-22-5-23H 369 FSL 1477 FWL (RKB) to Mean Sea Level					1264%	



Actual BHL
 8011 MD (3753 TVD) 4546 VS
 X:2336514 Y:231449
 2264 FSL, 1561 FWL Sec. 5

8/5 Sec. Cross 5745 MD (3752 TVD) 2283 VS
 X:2336556 Y:229186 0 FNL, 1554 FWL Sec. 8

Actual BHL 8011 MD (3753 TVD) 4546 VS
 X:2336514 Y:231449 2264 FSL, 1561 FWL Sec. 5

X: 2335075
 Y: 226513

X: 2335002
 Y: 229163

Condifff 8-22-5-23H
 369 FSL 1477 FWL

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

May 09, 2013

Elizabeth Habermehl
Source Energy MidCon LLC
1805 SHEA CENTER DR., STE 100
HIGHLANDS RANCH, CO 80129

Re: ACO1
API 15-191-22669-00-00
Condif 8-22 PH
NW/4 Sec.08-32S-01E
Sumner 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,
Elizabeth Habermehl