



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
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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: _____



1167852

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	SandRidge Exploration and Production LLC
Well Name	Deewall 3318 1-31
Doc ID	1167852

Tops

Name	Top	Datum
Anhydrite	2505	-551
Heebner	4337	-2383
Lansing	4525	-2571
Top Marmaton	5042	-3088
Oswego	5107	-3154
Pawnee	5149	-3195
Cherokee	5179	-3225
Mississippi	5279	-3325
Mississippi Meramec	5284	-3330
Mississippi Osage	5548	-3594
Kinderhook	5947	-3993

Summary of Changes

Lease Name and Number: Deewall 3318 1-31

API/Permit #: 15-033-21724-00-00

Doc ID: 1167852

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Date of First or Resumed Production or SWD or Enhr	9/20/2013	11/11/2013
Production - Barrels of Water	500	300
Production - MCF Gas	324	88
Purchaser's Name	WO Pipeleine Connection	DCP
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1167532	../../kcc/detail/operatorEditDetail.cfm?docID=1167852
Well Type	SIGW	GAS



CONFIDENTIAL

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
- 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	SandRidge Exploration and Production LLC
Well Name	Deewall 3318 1-31
Doc ID	1167532

Tops

Name	Top	Datum
Anhydrite	2505	-551
Heebner	4337	-2383
Lansing	4525	-2571
Top Marmaton	5042	-3088
Oswego	5107	-3154
Pawnee	5149	-3195
Cherokee	5179	-3225
Mississippi	5279	-3325
Mississippi Meramec	5284	-3330
Mississippi Osage	5548	-3594
Kinderhook	5947	-3993

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Deewall 3318 1-31
Doc ID	1167532

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
3	5418-5428		
3	5366-5378		
3	5288-5300		
2	5224-5228		
2	5186-5190		



BASIN SERVICES, LLC
P O BOX 4268
ABILENE, TX 79608-4268
Phone # (325)690-0053
Fax # (325)698-0055

TICKET

TICKET NUMBER: WY-72-1
TICKET DATE: 07/13/2013

SANDRIDGE ENERGY
123 ROBERT S KERR AVE
OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK
LEASE: Deewall
WELL#: 3318 1-31
RIG #: LaMunyon 1
Co/St: COMANCHE, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
7/13/2013 DRILLED 30" CONDUCTOR HOLE			
7/13/2013 20" CONDUCTOR PIPE (.250 WALL)			
7/13/2013 DRILLED 20" RATHOLE (PER FOOT)			
7/13/2013 16" CONDUCTOR PIPE (.250 WALL)			
7/13/2013 DRILLED 20" MOUSE HOLE (PER FOOT)			
7/13/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
7/13/2013 WELDING SERVICES FOR PIPE & LIDS			
7/13/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
7/13/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
7/13/2013 SAFETY FENCING AROUND WELL			
7/13/2013 10 SACK GROUT			
7/13/2013 TAXABLE ITEMS			4,880.00
7/13/2013 BID - TAXABLE ITEMS			12,620.00
			Sub Total:
			17,500.00
			Tax COMANCHE COUNTY (6.3 %):
			307.44
			TICKET TOTAL:
			\$ 17,807.44

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature _____

DC13018
AFE Number: _____
Well Name: Deewall 3318-1-31H
Code: 850.010
Amount: 17,807.44
Co. Man: Stan
Co. Man Sig: _____
Notes: _____



RECEIVED Cementing Service Report

AUG 5 2013

REGULATORY DEPT
SANDRIDGE ENERGY

Customer SANDRIDGE				Job Number 1015670			
Well DEEWALL 3318, 1-315				Schlumberger Location EL RENO		Job Start Jul/29/2013	
Field		Formation Name/Type		Deviation deg	Bit Size 7.9 in	Well MD 6109.0 ft	Well TVD 6109.0 ft
County COMANCHE		State/Province Kansas		BHP psi	BHST 152 degF	BHCT 140 degF	Pore Press. Gradient lb/gal
Well Master		API/UWI		Casing/Liner			
Rig Name	Drilled For Oil & Gas	Service Via Land		Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone	Well Class New	Well Type Development		6109.0	5.5	17.0	N80
				0.0	0.0	0.0	
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing	Job Type PRODUCTION			Perforations/Open Hole			
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Single Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots
				ft	ft		Total Interval ft
Service Instructions				ft	ft		Diameter in
				ft	ft		
Treat Down Casing		Displacement 142.0 bbl		Packer Type		Packer Depth ft	
Tubing Vol. bbl		Casing Vol. 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 980 psi		Shoe Type Guide		Shoe Depth 6109.0 ft		Squeeze Type	
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>		Stage Tool Type		Stage Tool Depth ft		Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs	Tool Depth ft		Tail Pipe Size in	
Cement Head Type Single		Collar Type Float		Collar Depth 6021.0 ft		Tail Pipe Depth ft	
Job Scheduled For Jul/29/2013		Arrived on Location Jul/29/2013	Leave Location Jul/29/2013	Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/29/2013	17:23:37	-0	0.0	8.34	0.0	Started Acquisition	
07/29/2013	17:26:37	-1	0.0	8.34	0.0		
07/29/2013	17:29:37	-1	0.0	8.34	0.0		
07/29/2013	17:32:37	-2	0.0	8.34	0.0		
07/29/2013	17:35:37	-2	0.0	8.34	0.0		
07/29/2013	17:38:37	61	1.5	8.36	0.0		
07/29/2013	17:41:37	220	5.1	8.34	0.0		
07/29/2013	17:44:37	283	5.0	8.34	0.0		
07/29/2013	17:44:56	209	0.0	5.80	0.0	Reset Total, Vol = 28.80 bbl	
07/29/2013	17:47:37	387	4.3	13.72	0.0		
07/29/2013	17:50:37	282	4.9	13.90	0.0		
07/29/2013	17:53:37	166	4.8	13.66	0.0		
07/29/2013	17:56:37	115	4.5	13.58	0.0		
07/29/2013	17:57:08	161	4.9	13.22	0.0	Reset Total, Vol = 55.97 bbl	
07/29/2013	17:59:37	168	4.9	15.58	0.0		
07/29/2013	18:02:16	-9	1.0	15.68	0.0	Reset Total, Vol = 23.48 bbl	
07/29/2013	18:02:37	-21	0.0	15.66	0.0		
07/29/2013	18:05:37	68	5.0	8.94	0.0		
07/29/2013	18:08:37	39	5.0	8.37	0.0		
07/29/2013	18:11:37	41	5.1	8.33	0.0		
07/29/2013	18:14:37	46	5.3	8.33	0.0		

230 + 100 = 330 SKS

Well DEEWALL 3318, 1-31		Field		Job Start Jul/29/2013		Customer SANDRIDGE		Job Number 1015670	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/29/2013	18:20:37	92	6.4	8.34	0.0				
07/29/2013	18:23:37	442	6.4	8.34	0.0				
07/29/2013	18:26:37	824	6.2	8.34	0.0				
07/29/2013	18:29:37	914	2.5	8.34	0.0				
07/29/2013	18:32:37	1493	0.0	8.34	0.0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry 80.0	Mud	Spacer 30.0	N2
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum 5000	Final 0	Average 650	Bump Plug to 1490	Breakdown	Type	Volume bbl	Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 80.0 bbl	Displacement 142.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	Washed Thru Perfs <input type="checkbox"/>	To ft
Customer or Authorized Representative PAUL BECKELHIMER		Schlumberger Supervisor NATHAN SMITH		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		

Schlumberger RECEIVED Cementing Service Report

AUG 5 2013

REGULATORY DEPT SANDRIDGE ENERGY

Customer Sandridge				Job Number 1015395				
Well Deewall 3318, 1-31 3318, 1-31			Location (legal) Coldwater			Schlumberger Location El Reno, Oklahoma		Job Start Jul/22/2013
Field		Formation Name/Type		Deviation deg	Bit Size 12.3 in	Well MD 878.0 ft	Well TVD 878.0 ft	
County Comanche		State/Province Kansas		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal	
Well MasSEC. 31 - 33S - 18W		API/UWI		Casing/Liner				
Rig Name Lamunyon #1	Drilled For Oil & Gas	Service Via Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class New	Well Type Development		882.0	8.6	24.0	J55	8RD
Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe				
T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Service Line Cementing	Job Type Surface							
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Single Cement head		Perforations/Open Hole				
ft	ft	shot/ft	No. of Shots	Total Interval ft				
ft	ft			Diameter in				
ft	ft							
Treat Down Casing		Displacement 53.4 bbl	Packer Type	Packer Depth ft				
Tubing Vol. bbl	Casing Vol. 56.2 bbl	Annular Vol. bbl	Openhole Vol. bbl					
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure 207 psi		Shoe Type Guide		Squeeze Type				
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 882.0 ft		Tool Type		
No. Centralizers 4	Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth ft			
Cement Head Type Single		Stage Tool Depth ft		Tail Pipe Size in				
Job Scheduled For Jul/22/2013	Arrived on Location Jul/22/2013	Leave Location Jul/22/2013		Collar Type Float		Tail Pipe Depth ft		
				Collar Depth 838.8 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
07/22/2013	09:06:09	1	0.0	8.31	0.0	Stopped Acquisition		
07/22/2013	09:06:11	1	0.0	8.31	0.0	Start Job		
07/22/2013	09:06:17	1	0.0	8.31	0.0	Start Pumping Spacer		
07/22/2013	09:06:49	1	0.0	8.31	0.0			
07/22/2013	09:07:29	1	0.0	8.31	0.0			
07/22/2013	09:08:09	1	0.0	8.23	0.0			
07/22/2013	09:08:49	1	0.0	8.31	0.0			
07/22/2013	09:09:29	35	2.7	8.15	0.9			
07/22/2013	09:10:09	71	3.1	8.28	2.9			
07/22/2013	09:10:49	8	1.3	8.37	5.0			
07/22/2013	09:11:29	25	0.0	8.36	5.0			
07/22/2013	09:11:42	26	0.0	8.35	5.0	Pressure Test Lines		
07/22/2013	09:12:09	27	0.0	8.33	5.0			
07/22/2013	09:12:49	27	0.0	8.32	5.0			
07/22/2013	09:13:29	27	0.0	8.32	5.0			
07/22/2013	09:14:09	30	0.2	8.30	5.0			
07/22/2013	09:14:49	900	0.0	8.32	5.1			
07/22/2013	09:15:29	5008	0.0	8.32	5.1			
07/22/2013	09:16:09	4949	0.0	8.32	5.1			
07/22/2013	09:16:49	2	0.0	8.32	5.1			
07/22/2013	09:17:29	14	0.0	8.32	5.1			

300 + 140 = 440 SKS

Well		Field		Job Start	Customer	Job Number
Deewall 3318, 1-31 3318, 1-31				Jul/22/2013	Sandridge	1015395
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/22/2013	09:18:49	89	3.7	8.31	8.6	
07/22/2013	09:19:29	100	3.9	8.76	11.2	
07/22/2013	09:19:39	109	3.9	9.28	11.8	End Spacer
07/22/2013	09:19:41	106	3.9	9.36	12.0	Start Mixing Lead Slurry
07/22/2013	09:19:43	108	3.9	9.47	12.1	Reset Total, Vol = 12.11 bbl
07/22/2013	09:20:09	127	3.9	11.47	13.8	
07/22/2013	09:20:49	137	3.9	12.60	16.4	
07/22/2013	09:21:29	130	3.9	12.25	19.0	
07/22/2013	09:22:09	122	3.9	12.39	21.6	
07/22/2013	09:22:49	122	3.9	11.82	24.2	
07/22/2013	09:23:29	122	3.9	12.26	26.8	
07/22/2013	09:24:09	116	3.9	12.39	29.4	
07/22/2013	09:24:49	115	3.9	12.22	32.0	
07/22/2013	09:25:29	113	3.9	12.31	34.6	
07/22/2013	09:26:09	118	3.9	12.42	37.2	
07/22/2013	09:26:49	113	3.9	12.59	39.8	
07/22/2013	09:27:29	106	3.9	12.05	42.4	
07/22/2013	09:28:09	115	3.9	12.07	45.0	
07/22/2013	09:28:49	122	3.9	12.36	47.6	
07/22/2013	09:29:29	118	3.9	12.42	50.2	
07/22/2013	09:30:09	115	3.9	12.14	52.8	
07/22/2013	09:30:49	114	3.9	12.31	55.3	
07/22/2013	09:31:29	115	3.9	12.16	57.9	
07/22/2013	09:32:09	119	3.9	12.27	60.5	
07/22/2013	09:32:49	116	3.9	12.07	63.1	
07/22/2013	09:33:29	114	3.9	12.10	65.7	
07/22/2013	09:34:09	111	3.9	12.02	68.3	
07/22/2013	09:34:49	113	3.9	12.14	70.9	
07/22/2013	09:35:29	118	3.9	12.41	73.5	
07/22/2013	09:36:09	115	3.9	12.27	76.1	
07/22/2013	09:36:49	114	3.9	12.44	78.7	
07/22/2013	09:37:29	118	3.9	12.50	81.3	
07/22/2013	09:38:09	114	3.9	12.59	83.9	
07/22/2013	09:38:49	113	3.9	12.26	86.5	
07/22/2013	09:39:29	118	3.9	12.35	89.1	
07/22/2013	09:40:09	124	3.9	12.46	91.7	
07/22/2013	09:40:49	127	3.9	12.59	94.3	
07/22/2013	09:41:29	97	3.9	12.12	96.9	
07/22/2013	09:42:09	126	3.9	12.29	99.5	
07/22/2013	09:42:49	125	3.9	12.32	102.1	
07/22/2013	09:43:29	124	3.9	12.32	104.7	
07/22/2013	09:44:09	126	3.9	12.22	107.3	
07/22/2013	09:44:49	129	3.9	12.45	109.9	
07/22/2013	09:45:29	134	3.9	12.48	112.5	
07/22/2013	09:46:09	134	3.9	12.16	115.1	
07/22/2013	09:46:28	134	3.9	12.63	116.3	End Lead Slurry
07/22/2013	09:46:29	134	3.9	12.74	116.4	Start Mixing Tail Slurry
07/22/2013	09:46:31	134	3.9	12.87	116.5	Reset Total, Vol = 104.43 bbl
07/22/2013	09:46:49	149	3.9	14.27	117.7	
07/22/2013	09:47:29	161	3.9	14.77	120.3	
07/22/2013	09:48:09	162	3.9	14.80	122.9	
07/22/2013	09:48:49	164	3.9	14.69	125.5	
07/22/2013	09:49:29	160	3.9	15.06	128.1	
07/22/2013	09:50:09	165	3.9	14.80	130.7	

Well		Field		Job Start		Customer		Job Number	
Deewall 3318, 1-31 3318, 1-31				Jul/22/2013		Sandridge		1015395	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/22/2013	09:51:29	171	3.9	14.83	135.9				
07/22/2013	09:52:09	179	3.9	14.85	138.5				
07/22/2013	09:52:49	182	3.9	15.00	141.1				
07/22/2013	09:53:29	174	3.9	14.80	143.7				
07/22/2013	09:54:09	171	3.9	14.81	146.3				
07/22/2013	09:54:49	181	3.9	14.85	148.9				
07/22/2013	09:55:25	8	1.2	14.97	151.0	End Tail Slurry			
07/22/2013	09:55:27	19	0.4	15.00	151.1	Drop Top Plug			
07/22/2013	09:55:29	19	0.0	15.00	151.1	Start Displacement			
07/22/2013	09:55:35	19	0.0	14.91	151.1	Reset Total, Vol = 34.53 bbl			
07/22/2013	09:56:09	14	0.0	13.90	151.1				
07/22/2013	09:56:49	11	0.0	11.21	151.1				
07/22/2013	09:57:29	10	0.0	10.60	151.1				
07/22/2013	09:58:09	21	0.0	9.85	151.1				
07/22/2013	09:58:49	95	3.9	9.13	152.8				
07/22/2013	09:59:29	68	3.9	8.78	155.4				
07/22/2013	10:00:09	64	3.9	8.57	158.0				
07/22/2013	10:00:49	63	3.8	8.46	160.6				
07/22/2013	10:01:29	62	3.9	8.41	163.2				
07/22/2013	10:02:09	60	3.9	8.39	165.8				
07/22/2013	10:02:49	81	3.9	8.30	168.4				
07/22/2013	10:03:29	83	3.9	8.32	171.0				
07/22/2013	10:04:09	85	3.9	8.32	173.6				
07/22/2013	10:04:49	104	3.9	8.32	176.2				
07/22/2013	10:05:29	110	3.9	8.32	178.8				
07/22/2013	10:06:09	127	3.9	8.32	181.6				
07/22/2013	10:06:49	139	3.9	8.32	184.2				
07/22/2013	10:07:29	157	3.9	8.32	186.8				
07/22/2013	10:08:09	179	3.8	8.32	189.4				
07/22/2013	10:08:49	191	3.9	8.33	192.0				
07/22/2013	10:09:29	219	3.9	8.32	194.7				
07/22/2013	10:10:09	238	3.9	8.33	197.3				
07/22/2013	10:10:49	182	1.9	8.32	199.2				
07/22/2013	10:11:29	181	1.9	8.32	200.4				
07/22/2013	10:12:09	193	1.9	8.32	201.7				
07/22/2013	10:12:49	195	1.9	8.32	203.0				
07/22/2013	10:13:29	201	1.9	8.32	204.3				
07/22/2013	10:14:09	1007	0.0	8.32	204.6				
07/22/2013	10:14:49	994	0.0	8.32	204.6				
07/22/2013	10:15:29	985	0.0	8.32	204.6				
07/22/2013	10:16:09	980	0.0	8.32	204.6				
07/22/2013	10:16:49	978	0.0	8.32	204.6				
07/22/2013	10:17:29	975	0.0	8.32	204.6				
07/22/2013	10:18:09	5	0.0	8.32	204.6				
07/22/2013	10:18:49	6	0.0	8.32	204.6				
07/22/2013	10:19:29	6	0.0	8.32	204.6				
07/22/2013	10:20:09	6	0.0	8.32	204.6				
07/22/2013	10:20:49	6	0.0	8.32	204.6				
07/22/2013	10:21:29	5	0.0	8.32	204.6				
07/22/2013	10:22:09	17	0.8	8.32	204.6				
07/22/2013	10:22:49	1171	0.0	8.32	205.1				
07/22/2013	10:23:29	5	0.0	8.32	205.1				
07/22/2013	10:24:09	6	0.0	8.32	205.1				
07/22/2013	10:24:49	6	0.0	8.32	205.1				

Well		Field		Job Start		Customer		Job Number	
Deewall 3318, 1-31 3318, 1-31				Jul/22/2013		Sandridge		1015395	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/22/2013	10:26:09	4	0.0	8.32	205.1				
07/22/2013	10:26:49	4	0.0	8.32	205.1				
07/22/2013	10:27:29	4	0.0	8.32	205.1				
07/22/2013	10:28:09	5	0.0	8.32	205.1				
07/22/2013	10:28:49	5	0.0	8.32	205.1				
07/22/2013	10:29:29	5	0.0	8.32	205.1				
07/22/2013	10:29:46	5	0.0	8.32	205.1	Bump Top Plug			
07/22/2013	10:29:50	4	0.0	8.32	205.1	End Displacement			
07/22/2013	10:30:09	5	0.0	8.32	205.1				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.6			7.2	140.5	0.0	11.8	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5019	5	215	1000			bbl	lb/gal
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface? <input type="checkbox"/>		Volume	bbl
	0.0 bbl	53.0 bbl	degF	Washed Thru Perfs <input type="checkbox"/>		To	ft
Customer or Authorized Representative		Schlumberger Supervisor		Circulation Lost <input checked="" type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
Mr. Bill Tomlinson		Daniel Myers		-		-	

Customer Sandridge				Job Number C1YQ-00277			
Well Deewll 3318 1-31 Deewall 3318 1-31		Location (legal) Lamunyon #1		Schlumberger Location EL RENO		Job Start Jul/23/2013	
Field Mississippi Lime		Formation Name/Type		Deviation		Well TVD	
County Comanche		State/Province Kansas		BHP		Well MD	
Well Master		API/UWI		BHST		BHCT	
Rig Name Lamunyon #1		Drilled For Oil & Gas		Service Via Land		Casing/Liner	
Offshore Zone		Well Class New		Well Type Development		Depth, Size, Weight, Grade, Thread	
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe	
Service Line Cementing		Job Type Top out				Depth, Size, Weight, Grade, Thread	
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole	
Service Instructions						Top, Bottom, No. of Shots, Total Interval	
						Diameter	
				Treat Down		Displacement, Packer Type, Packer Depth	
				Tubing Vol.		Casing Vol., Annular Vol., Openhole Vol.	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type, Squeeze Type	
No. Centralizers		Top Plugs		Bottom Plugs		Shoe Depth, Tool Type	
Cement Head Type						Stage Tool Type, Tool Depth	
Job Scheduled For Jul/23/2013		Arrived on Location Jul/23/2013		Leave Location Jul/23/2013		Stage Tool Depth, Tail Pipe Size	
						Collar Type, Tail Pipe Depth	
						Collar Depth, Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/23/2013	02:45:08					Started Acquisition	
07/23/2013	03:07:47					Started Recording	
07/23/2013	03:07:48	4	0.2	8.41	0.0		
07/23/2013	03:07:49					Saftey meeting	
07/23/2013	03:07:49	4	0.2	8.41	0.0		
07/23/2013	03:07:50					Rig up rig floor	
07/23/2013	03:07:50	4	0.2	8.41	0.0		
07/23/2013	03:07:54					Start 1st top out	
07/23/2013	03:07:54	4	0.2	8.41	0.0		
07/23/2013	03:08:08	4	0.2	8.41	0.1		
07/23/2013	03:08:38	4	0.2	8.41	0.2		
07/23/2013	03:09:08	4	0.2	8.41	0.3		
07/23/2013	03:09:38	2	0.2	8.41	0.4		
07/23/2013	03:10:08	2	0.2	8.41	0.5		
07/23/2013	03:10:38	2	0.2	8.41	0.6		
07/23/2013	03:11:08	2	0.2	8.41	0.7		
07/23/2013	03:11:38	3	0.1	8.40	0.7		
07/23/2013	03:12:08	3	0.1	8.41	0.8		
07/23/2013	03:12:38	2	0.1	8.41	0.9		
07/23/2013	03:13:08	2	0.1	8.41	1.0		
07/23/2013	03:13:38	112	2.0	14.51	1.4		

Well		Field		Job Start		Customer		Job Number	
Deewll 3318 1-31 Deewall 3318 1-31		Mississippi Lime		Jul/23/2013		Sandridge		C1YQ-00277	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/23/2013	03:14:38	238	1.6	15.09	2.8				
07/23/2013	03:15:08	297	1.9	14.56	3.7				
07/23/2013	03:15:38	282	1.9	14.79	4.6				
07/23/2013	03:16:08	270	1.9	14.67	5.6				
07/23/2013	03:16:38	355	2.1	15.01	6.6				
07/23/2013	03:17:08	345	2.1	14.63	7.6				
07/23/2013	03:17:38	322	2.1	14.48	8.6				
07/23/2013	03:18:08	327	2.1	15.14	9.7				
07/23/2013	03:18:38	350	2.1	15.14	10.7				
07/23/2013	03:19:08	348	2.0	15.01	11.7				
07/23/2013	03:19:38	333	2.1	14.90	12.7				
07/23/2013	03:20:08	336	2.1	15.23	13.8				
07/23/2013	03:20:38	342	2.0	15.07	14.8				
07/23/2013	03:21:08	329	2.1	14.95	15.8				
07/23/2013	03:21:38	343	2.1	15.10	16.9				
07/23/2013	03:22:08	332	2.1	14.99	17.9				
07/23/2013	03:22:38	322	2.1	15.02	18.9				
07/23/2013	03:23:08	324	2.1	14.93	20.0				
07/23/2013	03:23:38	320	2.1	14.94	21.0				
07/23/2013	03:24:08	314	2.1	14.93	22.0				
07/23/2013	03:24:38	318	2.1	14.94	23.1				
07/23/2013	03:25:08	320	2.1	14.94	24.1				
07/23/2013	03:25:38	310	2.1	14.94	25.1				
07/23/2013	03:26:08	3	0.0	15.57	25.4				
07/23/2013	03:26:38	49	2.2	10.47	25.5				
07/23/2013	03:27:08	47	4.1	9.18	27.5				
07/23/2013	03:27:38	46	4.4	8.76	29.6				
07/23/2013	03:28:08	33	3.5	8.76	31.7				
07/23/2013	03:28:38	46	4.5	8.53	33.6				
07/23/2013	03:29:08	56	5.1	8.55	36.1				
07/23/2013	03:29:38	56	5.0	8.43	38.6				
07/23/2013	03:30:08	2	0.0	8.65	39.2				
07/23/2013	03:30:38	1	0.0	8.42	39.2				
07/23/2013	03:31:08	2	0.0	8.42	39.2				
07/23/2013	03:31:38	1	0.0	8.42	39.2				
07/23/2013	03:32:08	1	0.0	8.41	39.2				
07/23/2013	03:32:38	1	0.0	8.41	39.2				
07/23/2013	03:33:08	0	0.0	8.41	39.2				
07/23/2013	03:33:19					Reset Total, Vol = 24.17 bbl			
07/23/2013	03:33:19	1	0.0	3.70	39.2				
07/23/2013	03:33:20					Paused Recording			
07/23/2013	03:33:20	2	0.0	4.59	0.0				
07/23/2013	06:44:50					Start 2nd top out			
07/23/2013	06:44:50	3	0.2	8.42	0.0				
07/23/2013	06:45:08	3	0.2	8.42	0.1				
07/23/2013	06:45:38	3	0.2	8.42	0.2				
07/23/2013	06:46:08	3	0.2	8.42	0.3				
07/23/2013	06:46:38	3	0.2	8.42	0.4				
07/23/2013	06:47:08	3	0.2	8.42	0.5				
07/23/2013	06:47:38	3	0.2	8.42	0.6				
07/23/2013	06:48:08	4	0.2	8.42	0.7				
07/23/2013	06:48:38	4	0.2	8.43	0.8				
07/23/2013	06:49:08	4	0.2	8.42	0.9				
07/23/2013	06:49:38	4	0.2	8.43	1.0				

Well Deewll 3318 1-31 Deewall 3318 1-31			Field Mississippi Lime	Job Start Jul/23/2013	Customer Sandridge	Job Number C1YQ-00277
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/23/2013	06:50:38	3	0.2	8.42	1.2	
07/23/2013	06:51:08	2	0.2	8.45	1.2	
07/23/2013	06:51:38	92	0.8	9.25	1.3	
07/23/2013	06:52:08	390	1.8	15.17	2.4	
07/23/2013	06:52:38	394	1.9	14.99	3.3	
07/23/2013	06:53:08	378	1.9	15.02	4.2	
07/23/2013	06:53:38	386	1.8	14.87	5.2	
07/23/2013	06:54:08	379	1.9	15.04	6.1	
07/23/2013	06:54:38	390	1.8	15.01	7.0	
07/23/2013	06:55:08	387	1.9	15.02	8.0	
07/23/2013	06:55:38	89	1.8	14.88	8.9	
07/23/2013	06:56:08	13	0.6	15.14	9.2	
07/23/2013	06:56:38	12	0.6	15.15	9.6	
07/23/2013	06:57:08	102	1.0	14.93	10.0	
07/23/2013	06:57:38	202	1.3	14.94	10.6	
07/23/2013	06:58:08	197	1.4	14.83	11.3	
07/23/2013	06:58:38	190	1.4	15.01	11.9	
07/23/2013	06:59:08	199	1.4	14.75	12.6	
07/23/2013	06:59:38	192	1.4	15.04	13.3	
07/23/2013	07:00:08	202	1.3	15.35	14.0	
07/23/2013	07:00:38	210	1.3	14.81	14.7	
07/23/2013	07:01:08	203	1.4	14.96	15.3	
07/23/2013	07:01:38	204	1.3	15.01	16.0	
07/23/2013	07:02:08	208	1.4	15.04	16.7	
07/23/2013	07:02:38	203	1.4	15.05	17.4	
07/23/2013	07:03:08	106	1.2	14.84	18.0	
07/23/2013	07:03:38	26	1.2	14.67	18.7	
07/23/2013	07:04:08	-1	0.0	13.28	18.7	
07/23/2013	07:04:38	-3	0.0	13.50	18.7	
07/23/2013	07:05:08	-3	0.0	13.74	18.7	
07/23/2013	07:05:38	-5	0.0	13.63	18.7	
07/23/2013	07:06:08	-5	0.0	13.62	18.7	
07/23/2013	07:06:38	-5	0.0	13.64	18.7	
07/23/2013	07:07:08	108	1.0	15.96	19.1	
07/23/2013	07:07:38	109	0.9	15.77	19.6	
07/23/2013	07:08:08	138	1.0	15.88	20.1	
07/23/2013	07:08:38	139	1.0	15.90	20.6	
07/23/2013	07:09:08	146	1.0	15.57	21.1	
07/23/2013	07:09:38	136	1.0	14.77	21.6	
07/23/2013	07:10:08	124	1.0	14.77	22.2	
07/23/2013	07:10:38	105	1.0	14.98	22.6	
07/23/2013	07:11:08	125	1.0	15.13	23.1	
07/23/2013	07:11:38	128	1.0	14.95	23.6	
07/23/2013	07:12:08	134	1.0	15.04	24.1	
07/23/2013	07:12:38	128	1.0	14.94	24.6	
07/23/2013	07:13:08	128	1.0	14.96	25.1	
07/23/2013	07:13:38	132	1.0	14.98	25.7	
07/23/2013	07:14:08	137	1.0	15.01	26.2	
07/23/2013	07:14:38	131	1.0	15.01	26.7	
07/23/2013	07:15:08	131	1.0	15.00	27.2	
07/23/2013	07:15:38	135	1.0	15.00	27.7	
07/23/2013	07:16:08	137	1.0	15.00	28.2	
07/23/2013	07:16:38	139	1.0	14.95	28.7	
07/23/2013	07:17:08	130	1.0	14.96	29.2	

Well Deewill 3318 1-31 Deewall 3318 1-31			Field Mississippi Lime	Job Start Jul/23/2013	Customer Sandridge	Job Number C1YQ-00277
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/23/2013	07:18:08	145	1.0	14.99	30.2	
07/23/2013	07:18:38	135	1.0	14.99	30.7	
07/23/2013	07:19:08	137	1.0	14.98	31.2	
07/23/2013	07:19:38	140	1.0	14.94	31.7	
07/23/2013	07:20:08	8	0.0	14.28	32.0	
07/23/2013	07:20:38	3	0.0	14.06	32.0	
07/23/2013	07:21:08	4	0.0	14.05	32.0	
07/23/2013	07:21:38	53	4.9	8.61	33.8	
07/23/2013	07:22:08	52	3.8	9.38	36.1	
07/23/2013	07:22:38	49	4.4	8.69	38.4	
07/23/2013	07:23:08	46	4.4	8.63	40.6	
07/23/2013	07:23:38	42	4.3	8.54	42.8	
07/23/2013	07:24:08	20	4.2	8.64	45.0	
07/23/2013	07:24:38	13	1.8	8.92	46.0	
07/23/2013	07:25:08	13	1.8	8.66	46.9	
07/23/2013	07:25:38	12	1.8	8.63	47.8	
07/23/2013	07:26:08	12	1.7	8.57	48.7	
07/23/2013	07:26:38	11	1.8	8.57	49.6	
07/23/2013	07:27:08	11	1.8	8.59	50.4	
07/23/2013	07:27:38	11	1.7	8.52	51.3	
07/23/2013	07:28:08	11	1.8	8.49	52.2	
07/23/2013	07:28:38	11	1.7	8.46	53.1	
07/23/2013	07:29:08	10	1.7	8.48	53.9	
07/23/2013	07:29:38	13	1.7	8.45	54.7	
07/23/2013	07:29:45					Reset Total, Vol = 29.94 bbl
07/23/2013	07:29:45	13	1.7	8.46	54.9	
07/23/2013	07:29:46					Cement to surface wait for level to hold
07/23/2013	07:29:46					Shut down wait 15 minutes to see if level drops
07/23/2013	07:29:46	13	1.7	8.46	0.0	
07/23/2013	07:55:58					Pump remainder of slurry. 84 bbls total
07/23/2013	07:55:58	1	0.0	8.41	0.0	
07/23/2013	07:56:08	1	0.0	8.41	0.0	
07/23/2013	07:56:38	1	0.0	8.41	0.0	
07/23/2013	07:57:08	-0	0.0	8.41	0.0	
07/23/2013	07:57:38	-0	0.0	8.41	0.0	
07/23/2013	07:58:08	66	5.2	12.65	0.2	
07/23/2013	07:58:38	56	3.5	14.93	2.3	
07/23/2013	07:59:08	35	2.4	15.03	3.8	
07/23/2013	07:59:38	23	2.2	15.27	5.1	
07/23/2013	08:00:08	28	2.4	14.28	6.3	
07/23/2013	08:00:38	21	2.1	15.17	7.4	
07/23/2013	08:01:08	19	2.0	15.37	8.5	
07/23/2013	08:01:38	14	1.4	15.73	9.3	
07/23/2013	08:02:08	-1	0.2	15.72	9.8	
07/23/2013	08:02:38	-1	0.1	15.28	9.8	
07/23/2013	08:03:08	-2	0.1	15.34	9.9	
07/23/2013	08:03:38	-1	0.0	15.37	9.9	
07/23/2013	08:04:08	69	4.2	14.75	10.7	
07/23/2013	08:04:38	42	3.1	15.11	12.6	
07/23/2013	08:05:08	41	3.1	14.90	14.2	
07/23/2013	08:05:38	33	2.6	15.35	15.6	
07/23/2013	08:06:08	24	2.5	15.07	16.9	
07/23/2013	08:07:08	2	0.1	15.81	18.4	
07/23/2013	08:07:38	-1	0.0	15.63	18.4	

Well		Field		Job Start		Customer		Job Number	
Deewll 3318 1-31 Deewall 3318 1-31		Mississippi Lime		Jul/23/2013		Sandridge		C1YQ-00277	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/23/2013	08:08:38	-0	0.0	15.83	18.4				
07/23/2013	08:09:08	-0	0.0	15.83	18.4				
07/23/2013	08:09:38	-2	0.0	15.83	18.4				
07/23/2013	08:10:08	-1	0.0	15.83	18.4				
07/23/2013	08:10:38	-1	0.0	15.83	18.4				
07/23/2013	08:11:08	-1	0.0	15.84	18.4				
07/23/2013	08:11:38	-1	0.0	15.84	18.4				
07/23/2013	08:11:39	-1	0.0	15.84	18.4				
07/23/2013	08:11:39					Stopped Recording			

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input type="checkbox"/>	Volume		
				Washed Thru Perfs	<input type="checkbox"/>	To		
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed	<input type="checkbox"/>
Sandridge repersanitive			Anthony Cucci		-		-	

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

November 08, 2013

Wanda Ledbetter
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: ACO1
API 15-033-21724-00-00
Deewall 3318 1-31
NE/4 Sec.31-33S-18W
Comanche 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,
Wanda Ledbetter

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/17/2013
Job End Date:	8/18/2013
State:	Kansas
County:	Comanche
API Number:	15-033-21724-00-00
Operator Name:	SandRidge Energy
Well Name and Number:	Deewall 3318 #1-31
Longitude:	-99.30852440
Latitude:	37.13426509
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,428
Total Base Water Volume (gal):	245,490
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	SandRidge	Carrier/Base Fluid	Water	7732-18-5	100.00000	86.45017	None
Sand (Proppant)	Consolidated	Proppant	Silica Substrate	14808-60-7	85.00000	3.04890	None
Hydrochloric Acid (15%)	Consolidated	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	1.38476	None
GA-15L	Consolidated	Gelling agent	Petroleum Distillates	64742.47-8	65.00000	0.00604	None
LEB-4	Consolidated	Gel breaker	Proprietary non-hazardous polymers	Proprietary	45.00000	0.00418	None
Ammonium Persulfate	Consolidated	Gel breaker	TRADE SECRET	NA	100.00000	0.00929	None
AI-260	Consolidated	Acid Inhibitor	Ammonium Persulfate	7727-54-0	100.00000	0.00929	None
			Ethylene Glycol	107-21-1	40.00000	0.00372	None
			N,N Dimethyl Formamide	68-12-2	20.00000	0.00186	None
			2-Butoxyethanol	111-76-2	6.00000	0.00056	None
			Cinnamaldehyde	104-55-2	6.00000	0.00056	None

			1-Decanol	112-30-1	5.00000	0.00046	None
			Ethoxylated nonylphenol	68412-54-4	5.00000	0.00046	None
			Isopropanol	67-63-0	2.50000	0.00023	None
			1-Octanol	111-87-5	2.50000	0.00023	None
			Triethyl phosphate	78-40-0	2.50000	0.00023	None
Biostat 650	Consolidated		Biocide				
			Methanol	67-56-1	20.00000	0.00373	None
			Isopropanol	67-63-0	5.00000	0.00093	None
PS-102	Consolidated		Scale Inhibitor				
			Methyl Alcohol	60-56-1	25.00000	0.00232	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
			Other Chemicals				
			Citric Acid	77-92-9			
			Isopropanol	67-63-0			

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)