



1133584

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Anne 3306 1-16H
Doc ID	1133584

All Electric Logs Run

Side Track Boresight
Mud Log
Porosity
Resistivity
Prizm

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Anne 3306 1-16H
Doc ID	1133584

Tops

Name	Top	Datum
Base Heebner	3253	
Lansing	3625	
Cottage Grove	3862	
Oswego Limestone	4138	
Cherokee Group	4292	
Verdigris Limestone	4316	
Mississippi Unconformity	4480	
Mississippi Lime	4500	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Anne 3306 1-16H
Doc ID	1133584

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8475-8689	4093 bbls water, 36 bbls acid, 75M lbs sd, 4347 TLTR	
5	8093-8420	4087 bbls water, 36 bbls acid, 75M lbs sd, 8792 TLTR	
5	7717-8034	4082 bbls water, 36 bbls acid, 75M lbs sd, 13166 TLTR	
5	7402-7670	4077 bbls water, 36 bbls acid, 75M lbs sd, 17937 TLTR	
5	7054-7315	4071 bbls water, 36 bbls acid, 75M lbs sd, 21639 TLTR	
5	6589-6988	4064 bbls water, 36 bbls acid, 75M lbs sd, 26037 TLTR	
5	6298-6546	4060 bbls water, 36 bbls acid, 75M lbs sd, 30330 TLTR	
5	5916-6227	4054 bbls water, 36 bbls acid, 75M lbs sd, 35344 TLTR	
5	5288-5850	4044 bbls water, 36 bbls acid, 75M lbs sd, 39628 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Anne 3306 1-16H
Doc ID	1133584

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	75	90	Mid-Continent Conductor grout	10	none
Surface	12.25	9.63	36	751	Halliburton Extendacem and Swiftcem Systems	360	3% Calcium Chloride, .25 lbm Ploy-E-Flake
Intermediate	8.75	7	26	5245	Halliburton Econocem and Halcem Systems	350	5 lbm Kol-Seal, .25% SA-1015, .2% CFR-3
Liner	6.12	4.5	11.6	8883	Halliburton Econocem System	410	5 lbm Kol-Seal, .25% SA-1015, .2% CFR-3

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

April 16, 2013

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

Re: ACO1
API 15-077-21916-01-00
Anne 3306 1-16H
NE/4 Sec.16-33S-06W
Harper 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,
Tiffany Golay

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802
Phone: (580)254-5400
Fax: (580)254-3242

Date	Invoice #
3/21/2013	1776

Bill To
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Earl Sullivan	Net 45	3/21/2013	Anne 3306 I-16H, Harper Cnty, KS	Latshaw 38

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe
Mouse Hole	80	Drilled 80 ft. mouse hole
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe
Cellar Hole	1	Drilled 6' X 6' cellar hole
6' X 6' Tinhorn	1	Furnished and set 6' X 6' tinhorn
Mud and Water	1	Furnished mud and water
Transport Truck - Conductor	1	Transport mud and water to location
Grout & Trucking	10	Furnished grout and trucking to location
Grout Pump	1	Furnished grout pump
Transport Truck - Conductor	1	Transport truck and water to displace cement down center of conductor
Fence Panels	4	Furnished safety netting around conductor holes
Welder & Materials	1	Furnished welder and materials
Dirt Removal	1	Furnished labor and equipment for dirt removal
Cover Plate	1	Furnished cover plates
Permits	1	Permits

AFE Number: DC 12777
 Well Name: ANNE I-16H
 Code: 850-010
 Amount: \$19,340.00
 Co. Man: _____
 Co. Man Sig.: [Signature]
 Notes: _____

Subtotal	\$19,340.00
Sales Tax (0.0%)	\$0.00
Total	\$19,340.00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2988996	Quote #:	Sales Order #: 900313193
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Melland, Carl	
Well Name: Anne 3306	Well #: 1-16H	API/UWI #: 15-077-21916	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 16 Township 33S Range 6W			
Contractor: LATSHAW		Rig/Platform Name/Num: 38	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srcv Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COE, KYLE E	6.5	518980	UNDERWOOD, BILLY Dale	7.5	159068	VAN DER HORST, DANIEL Scott	6.5	515877

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10825967	100 mile	11288856	100 mile	11706678	100 mile	11748363	100 mile
NA	100 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3-27-12	5	0	3-28-13	2	1			

TOTAL Total is the sum of each column separately

Job				Job Times						
Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone				
Form Type	750. ft	BHST	Job Depth TVD	750. ft	Called Out	27 - Mar - 2013	14:30	CST		
Water Depth	Wk Ht Above Floor	Job Started	27 - Mar - 2013	18:30	CST	On Location	27 - Mar - 2013	00:35	CST	
Perforation Depth (MD)	From	To	Job Completed	28 - Mar - 2013	01:25	CST	Job Started	28 - Mar - 2013	00:35	CST
			Departed Loc	28 - Mar - 2013	02:00	CST	Job Completed	28 - Mar - 2013	01:25	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12.25" Open Hole				12.25					750.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		750.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data


Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	HLC STANDARD	EXTENDACEM (TM) SYSTEM (452981)	160.0	sacks	12.4	2.11	11.64		11.64
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.637 Gal	FRESH WATER							
3	STANDARD	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	15.6	1.2	5.32		5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
4	Displacement		55.00	bbl	8.33	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement	55	Shut In: Instant		Lost Returns		Cement Slurry	60/42	Pad	
Top Of Cement		5 Min		Cement Returns	25	Actual Displacement	55	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	167
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature 					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2988996	Quote #:	Sales Order #: 900328241
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Melland, Carl	
Well Name: Anne 3306	Well #: 1-16H	API/UWI #: 15-077-21916	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 16 Township 33S Range 6W			
Contractor: Latshaw Drlg.		Rig/Platform Name/Num: 38	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: VAUGHAN, RYAN	MBU ID Emp #: 453194

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AIRINGTON, JOSEPH Tyler	14	497322	VAUGHAN, RYAN Nicholas	14	453194			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4/1/13	14	1.5						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	BHST		On Location	31 - Mar - 2013	05:30	CST
Job depth MD	5201. ft	Job Depth TVD	Job Started	31 - Mar - 2013	14:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	01 - Apr - 2013	02:43	CST
Perforation Depth (MD) From		To	Job Completed	01 - Apr - 2013	03:43	CST
			Departed Loc	01 - Apr - 2013	05:10	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
8.75" Open Hole				8.75				750.	5201.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5201.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	750.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	hes
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	hes
Stage Tool										Centralizers			

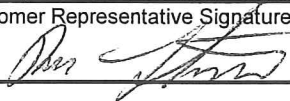
Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Water		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	150.0	sacks	13.6	1.5	6.76		6.76
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.25 %	SA-1015, 50 LB SACK (102077046)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	6.756 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	200.0	sacks	15.6	1.19	5.08		5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement		198.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	198	Shut In: Instant		Lost Returns	0	Cement Slurry	82	Pad	
Top Of Cement	3065	5 Min		Cement Returns	0	Actual Displacement	198	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			6
Cement Left In Pipe	Amount	84 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature 					

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2988996	Quote #:	Sales Order #: 900341944
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Melland, Carl	
Well Name: Anne 3306	Well #: 1-16H	API/UWI #: 15-077-21916	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 16 Township 33S Range 6W			
Contractor: LATSHAW		Rig/Platform Name/Num: 38	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: OLSON, ERIC	MBU ID Emp #: 455339

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
KIRKLAND, LARRY Don	5	286162	MCLAIN, MARSHALL Shelby	5	514528	OLSON, ERIC Eugene	5	455339
STILL, ERIC Dean	5	523897						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10714253C	100 mile	10784047	100 mile	10857010	100 mile	11360545	100 mile
11706676	100 mile	11715803	100 mile	11748311	100 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL								

Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	8913. ft	5201. ft	137 degF				15 - Apr - 2013	15:00	CST	
											15 - Apr - 2013	18:00	CST	
											15 - Apr - 2013	20:31	CST	
											15 - Apr - 2013	22:04	CST	
											15 - Apr - 2013	23:55	CST	

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
6.125" Open Hole				6.125				5201.	8912.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5245.	8913.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110		5245.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown			3739.8		
1" HW Drill Pipe	Unknown		4.		29.	Unknown			1380.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Selling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	TUNED SPACER III	TUNED SPACER III - SBM (483826)	30.00	bbl	10.	.0	.0	5.0	
38.32 gal/bbl		FRESH WATER							
59.8 lbm/bbl		BAROID 41 - 100 LB BAG (478096)							
2	STANDARD 33 / POZ 34 / ENHANCER 33	ECONOCEM (TM) SYSTEM (452992)	410.0	sacks	13.6	1.51	6.89	5.0	6.89
5 lbm		KOL-SEAL, BULK (100064233)							
0.25 %		SA-1015, 50 LB SACK (102077046)							
0.2 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
6.886 Gal		FRESH WATER							
3	Displacement		107.00	bbl	8.33	.0	.0	6.0	
Calculated Values			Pressures			Volumes			
Displacement	107	Shut In: Instant		Lost Returns	no	Cement Slurry	110	Pad	
Top Of Cement	5120	5 Min		Cement Returns	no	Actual Displacement	107	Treatment	
Frac Gradient		15 Min		Spacers	137	Load and Breakdown		Total Job	247
Rates									
Circulating		Mixing		Displacement	107	Avg. Job			
Cement Left In Pipe	Amount	90.8 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					
				<i>Lewis Maddy</i>					

44 MWD1	4776	74.42	2.44 N	2.44 E	32	4440.14	599.31	598.91 N	40.08 W	600.25	356.17	7.48	7.44	-0.78	89.38	359.8
45 MWD1	4757	76.39	2.24 N	2.24 E	31	4447.95	629.26	628.88 N	38.85 W	630.08	356.46	6.39	6.35	-0.65	89.48	359.8
46 MWD1	4789	78.16	2.3 N	2.3 E	32	4455	660.44	660.07 N	37.62 W	661.14	356.74	5.53	5.53	0.19	89.58	359.8
47 MWD1	4820	80.13	2.43 N	2.43 E	31	4460.83	690.84	690.49 N	36.36 W	691.44	356.99	6.37	6.35	0.42	89.66	359.8
48 MWD1	4852	82.16	2.4 N	2.4 E	32	4465.76	722.41	722.08 N	35.03 W	722.92	357.22	6.34	6.34	-0.09	89.73	359.8
49 MWD1	4884	83.71	2.19 N	2.19 E	32	4469.7	754.13	753.81 N	33.76 W	754.56	357.44	4.89	4.84	-0.66	89.78	359.8
50 MWD1	4915	85.75	2.05 N	2.05 E	31	4472.54	784.96	784.65 N	32.62 W	785.33	357.62	6.6	6.58	-0.45	89.82	359.7
51 MWD1	4979	87.17	2.51 N	2.51 E	64	4476.49	848.75	848.48 N	30.07 W	849.01	357.97	2.33	2.22	0.72	89.88	359.7
52 MWD1	5024	87.01	3.24 N	3.24 E	45	4478.78	893.61	893.36 N	27.82 W	893.8	358.22	1.66	-0.36	1.62	89.91	359.7
53 MWD1	5074	87.11	3.69 N	3.69 E	50	4481.34	943.42	943.21 N	24.8 W	943.53	358.49	0.92	0.2	0.9	89.94	359.6
54 MWD1	5119	87.14	3.05 N	3.05 E	45	4483.6	988.25	988.07 N	22.16 W	988.32	358.72	1.42	0.07	-1.42	89.98	359.6
55 MWD1	5169	87.11	2.67 N	2.67 E	50	4486.11	1038.1	1037.95 N	19.67 W	1038.13	358.91	0.76	-0.06	-0.76	89.98	359.5
56 MWD1	5214	87.07	2.5 N	2.5 E	45	4488.39	1082.97	1082.84 N	17.64 W	1082.99	359.07	0.39	-0.09	-0.38	89.95	359.5
57 MWD1	5240	87.11	2.54 N	2.54 E	26	4489.71	1108.9	1108.78 N	16.5 W	1108.91	359.15	0.22	0.15	0.15	89.93	359.5
58 MWD2	5266	87.1	2.62 N	2.62 E	26	4491.03	1134.82	1134.72 N	15.33 W	1134.83	359.23	0.31	-0.04	0.31	89.9	359.4
59 MWD2	5358	88.55	1.66 N	1.66 E	92	4494.52	1226.65	1226.59 N	11.9 W	1226.65	359.44	0.84	1.58	-1.04	89.85	359.4
60 MWD2	5451	89.23	1.27 N	1.27 E	93	4496.32	1319.57	1319.54 N	9.52 W	1319.58	359.59	0.89	0.73	-0.42	89.81	359.3
61 MWD6	5544	90.06	359.05 N	0.95 W	93	4496.89	1412.55	1412.53 N	9.26 W	1412.56	359.62	2.55	0.89	-2.39	89.8	359.3
62 MWD6	5615	89.82	359.2 N	0.8 W	71	4496.97	1483.55	1483.52 N	10.35 W	1483.56	359.6	0.4	-0.34	0.21	89.79	359.3
63 MWD6	5636	89.75	358.93 N	1.07 W	21	4497.05	1504.55	1504.52 N	10.69 W	1504.56	359.59	1.33	-0.33	-1.29	89.79	359.3
64 MWD6	5667	89.63	358.68 N	1.32 W	31	4497.22	1535.55	1535.51 N	11.34 W	1535.56	359.58	0.89	-0.39	-0.81	89.77	359.3
65 MWD6	5698	89.23	358.87 N	1.13 W	31	4497.52	1566.54	1566.51 N	12 W	1566.55	359.56	1.43	-1.29	0.61	89.78	359.3
66 MWD6	5727	88.92	357.61 N	2.39 W	29	4497.99	1595.53	1595.49 N	12.89 W	1595.54	359.54	4.47	-1.07	-4.34	89.76	359.3
67 MWD6	5758	88.15	356.3 N	3.7 W	31	4498.78	1626.49	1626.43 N	14.54 W	1626.5	359.49	4.9	-2.48	-4.23	89.75	359.3
68 MWD6	5789	87.96	356.07 N	3.93 W	31	4499.84	1657.43	1657.35 N	16.6 W	1657.43	359.43	0.96	-0.61	-0.74	89.73	359.4
69 MWD6	5819	88.09	355.63 N	4.37 W	30	4500.87	1687.35	1687.25 N	18.77 W	1687.35	359.36	1.53	0.43	-1.47	89.7	359.4
70 MWD6	5850	87.9	355.74 N	4.26 W	31	4501.96	1718.27	1718.14 N	21.1 W	1718.27	359.3	0.71	-0.61	0.35	89.68	359.4
71 MWD6	5881	86.95	354.8 N	5.2 W	31	4503.35	1749.16	1749.01 N	23.65 W	1749.17	359.23	4.31	-3.06	-3.03	89.65	359.5
72 MWD6	5911	86.26	355.05 N	4.95 W	30	4505.12	1779.02	1778.83 N	26.3 W	1779.03	359.15	2.45	-2.3	0.83	89.61	359.5
73 MWD6	5942	85.72	354.97 N	5.03 W	31	4507.29	1809.85	1809.64 N	28.99 W	1809.87	359.08	1.76	-1.74	-0.26	89.57	359.6
74 MWD6	5973	86.11	355.84 N	4.16 W	31	4509.5	1840.7	1840.46 N	31.47 W	1840.73	359.02	3.07	1.26	2.81	89.52	359.6
75 MWD6	6003	86.55	356.77 N	3.23 W	30	4511.42	1870.59	1870.34 N	33.4 W	1870.64	358.98	3.42	1.47	3.1	89.47	359.6
76 MWD6	6034	86.15	357.08 N	2.92 W	31	4513.39	1901.5	1901.23 N	35.06 W	1901.55	358.94	1.63	-1.29	1	89.43	359.7
77 MWD6	6065	87.29	356.7 N	3.3 W	31	4515.17	1932.42	1932.13 N	36.74 W	1932.48	358.91	3.88	3.68	-1.23	89.39	359.7
78 MWD6	6095	86.79	356.65 N	3.35 W	30	4516.72	1962.35	1962.04 N	38.47 W	1962.42	358.88	1.67	-1.67	-0.17	89.35	359.7
79 MWD7	6126	86.51	356.78 N	3.22 W	31	4518.53	1993.26	1992.94 N	40.25 W	1993.35	358.84	1	-0.9	0.42	89.3	359.8
80 MWD7	6187	87.01	356.82 N	3.18 W	61	4521.98	2054.1	2053.75 N	43.65 W	2054.21	358.78	0.82	0.82	0.07	89.21	359.8
81 MWD7	6278	90.28	355.17 N	4.83 W	91	4524.13	2144.9	2144.48 N	50 W	2145.07	358.66	4.02	3.59	-1.81	89.14	360
82 MWD7	6371	89.45	356.4 N	3.6 W	93	4525.46	2237.71	2237.23 N	56.83 W	2237.95	358.54	1.6	-0.89	1.32	89.1	0.1
83 MWD7	6463	89.17	358.84 N	1.16 W	92	4526.56	2329.66	2329.14 N	60.65 W	2329.93	358.51	2.67	-0.3	2.65	89.04	0.2
84 MWD7	6554	89.42	358.97 N	1.03 W	91	4526.58	2420.65	2420.11 N	62.39 W	2420.92	358.52	0.31	0.27	0.14	88.98	0.3
85 MWD7	6646	90.21	357.44 N	2.56 W	92	4526.87	2512.62	2512.06 N	65.28 W	2512.91	358.51	1.87	0.86	-1.66	88.93	0.4
86 MWD7	6740	90.65	359.18 N	2.25 W	94	4526.17	2606.6	2606.02 N	68.05 W	2606.91	358.5	1.91	0.47	1.85	88.9	0.5
87 MWD7	6834	89.23	359.14 N	0.86 W	94	4526.27	2700.6	2700.01 N	68.97 W	2700.89	358.54	1.61	-1.51	0.54	88.85	0.5
88 MWD7	6929	87.32	359.14 N	1.08 W	94	4533.37	2889.45	2888.85 N	69.94 W	2795.83	358.57	2.09	-2.01	-0.58	88.71	0.6
89 MWD7	7023	87.5	358.92 N	1.08 W	94	4537.52	2983.34	2982.71 N	71.53 W	2889.73	358.58	0.3	0.19	-0.23	88.51	0.6
90 MWD7	7117	87.44	357.5 N	2.5 W	94	4537.52	2983.34	2982.71 N	74.47 W	2983.64	358.57	1.51	-0.06	-1.51	88.3	0.8
91 MWD7	7212	89.14	358.66 N	1.34 W	95	4540.36	3078.27	3077.61 N	77.65 W	3078.59	358.55	2.17	1.79	1.22	88.1	0.9
92 MWD8	7306	88.92	358.77 N	1.23 W	94	4541.95	3172.25	3171.57 N	79.75 W	3172.57	358.56	0.26	-0.23	0.12	87.93	1
93 MWD8	7401	90.34	359.31 N	0.69 W	95	4542.56	3267.24	3266.55 N	81.35 W	3267.56	358.57	1.6	1.49	0.57	87.78	1.2
94 MWD8	7496	88.86	359.26 N	0.74 W	95	4543.23	3362.24	3361.54 N	82.53 W	3362.55	358.59	1.56	-1.56	-0.05	87.6	1.3
95 MWD8	7590	89.91	0.16 N	0.16 E	94	4544.23	3456.23	3455.53 N	83.01 W	3456.53	358.62	1.47	1.12	0.96	87.38	1.4
96 MWD8	7685	90.37	359.48 N	0.52 W	95	4544	3551.22	3550.53 N	83.31 W	3551.51	358.66	0.86	0.48	-0.72	87.18	1.5

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	5/2/2013
Job End Date:	5/4/2013
State:	Kansas
County:	Harper
API Number:	15-077-21916-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Anne 3306 1-16H
Longitude:	-97.96810000
Latitude:	37.17490000
Datum:	NAD27
Federal/Tribal Well:	NO
Total Base Water Volume (gal):	1,622,125
Total Base Non Water Volume:	



Hydraulic Fracturing Fluid Composition:

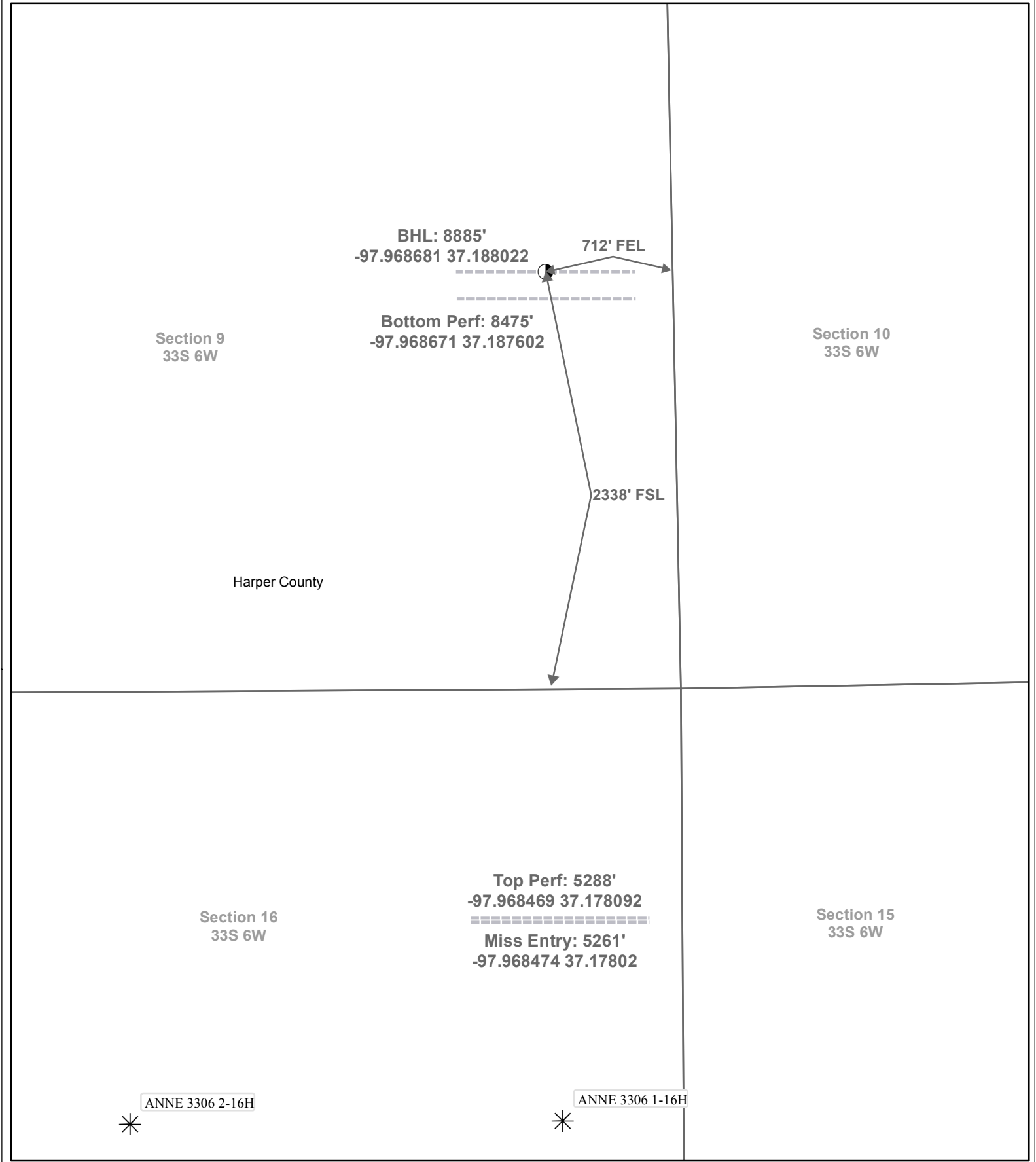
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Biocide, Surfactant, Acid, Iron Control Agent, Propping Agent					
			Water (Including Mix Water Supplied by Client)*	NA		95.05236	
			Crystalline silica	14808-60-7	95.97828	4.74866	
			Hydrogen chloride	7647-01-0	2.73824	0.13548	
			Distillates (petroleum), hydrotreated light	64742-47-8	0.34917	0.01728	
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.26603	0.01316	
			Ammonium chloride	12125-02-9	0.16627	0.00823	
			Polyethylene glycol monoethyl ether	31726-34-8	0.12028	0.00595	
			Glutaraldehyde	111-30-8	0.07115	0.00352	
			Sorbitan monooleate	1338-43-8	0.03325	0.00165	
			Ethoxylated oleic acid	9004-96-0	0.03325	0.00165	
			Trisodium ortho phosphate	7601-54-9	0.02920	0.00144	
			Sodium erythorbate	6381-77-7	0.02342	0.00116	
			Alkyl(c12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.01270	0.00063	

		Methanol	67-56-1	0.01023	0.00051
		Sorbitol Tetraoleate	61723-83-9	0.00998	0.00049
		Sodium sulfocyanate	540-72-7	0.00865	0.00043
		Ethane-1,2-diol	107-21-1	0.00831	0.00041
		2-Propenoic acid, ammonium salt	10604-69-0	0.00815	0.00040
		Fatty acids, tall-oil	61790-12-3	0.00699	0.00035
		Alcohols, C10-C16, ethoxylated	68002-97-1	0.00665	0.00033
		Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.00575	0.00028
		Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00527	0.00026
		Alcohols, C12-C16, ethoxylated	68551-12-2	0.00499	0.00025
		Alcohols, C12-C14, ethoxylated	68439-50-9	0.00499	0.00025
		C14 alpha olefin ethoxylate	84133-50-6	0.00499	0.00025
		Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00268	0.00013
		Prop-2-yn-1-ol	107-19-7	0.00178	0.00009
		Ethanol	64-17-5	0.00152	0.00008
		2-propenamid	79-06-1	0.00150	0.00007
		Alkenes, C>10 a-	64743-02-8	0.00119	0.00006
		Propan-2-ol	67-63-0	0.00105	0.00005
		Potassium hydroxide	1310-58-3	0.00024	0.00001

* 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)



Actual Bottom-Hole Location of Anne 3306 1-16H
 Harper County, Kansas
 T&R: 33S 6W
 Section: 9, 712' FEL & 2338' FSL
 -97.968681 37.188022

1 in = 703 ft

Actual BH Location

SandRidge Wells

Perf

Sections

Draftsman: Aaron Birk	Draft Date: 7/3/2013
Drawing Name/Number: Addendum_Anne 3306 1-16H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	