Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1108862

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Tiffany Golay
Phone: (405) 429-6543
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: William Scott
Purchaser: NCRA (oil)

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 #:

12/20/2012 Spud Date or Recompletion Date
1/18/2013 Date Reached TD
2/19/2013 Completion Date or Recompletion Date

API No. 15 - 15-069-20423-01-00
Spot Description:
N2 - NE - NE - NW Sec. 19 Twp. 26 S. R. 29 ☐ East ☑ West
200 Feet from ☑ North / ☐ South Line of Section
2310 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Gray
Lease Name: Bleumer 2629 Well #: 3-19H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 2736 Kelly Bushing: 2756
Total Vertical Depth: 9405 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1554 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: 10000 ppm Fluid volume: 3830 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Weinett Disposal LLC
Lease Name: Unnamed License #: 99999
Quarter NW Sec. 9 Twp. 99 S. R. 9 ☐ East ☑ West
County: Lipscomb, TX Permit #: 10-0992

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: 04/15/2013
☑ **Confidential Release Date:** 04/15/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 04/16/2013

1108862

Operator Name: SandRidge Exploration and Production LLC Lease Name: Bleumer 2629 Well #: 3-19H

Sec. 19 Twp. 26 S. R. 29 ☐ East ☑ West County: Gray

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Density
Induction

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	4105	
Lansing	4175	
Pawnee	4728	
Cherokee	4768	
Mississippian Unc	4915	

CASING RECORD ☑ New ☐ 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

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

Date of First, Resumed Production, SWD or ENHR. 3/4/2013

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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Bleumer 2629 3-19H
Doc ID	1108862

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9029-9282	5227 bbls water, 108 bbls acid, 75M lbs sd, 6084 TLTR	
5	8494-8858	5219 bbls water, 108 bbls acid, 75M lbs sd, 11587 TLTR	
5	8065-8401	5213 bbls water, 108 bbls acid, 75M lbs sd, 17105 TLTR	
5	7698-7998	5207 bbls water, 108 bbls acid, 75M lbs sd, 22610 TLTR	
5	7250-7594	5200 bbls water, 108 bbls acid, 75M lbs sd, 28658 TLTR	
5	6840-7176	5194 bbls water, 108 bbls acid, 75M lbs sd, 34380 TLTR	
5	6388-6752	5187 bbls water, 108 bbls acid, 75M lbs sd, 39891 TLTR	
5	5994-6312	5181 bbls water, 108 bbls acid, 75M lbs sd, 45154 TLTR	
5	5564-5912	5174 bbls water, 108 bbls acid, 75M lbs sd, 50340 TLTR	
5	5158-5489	5168 bbls water, 108 bbls acid, 75M lbs sd, 55447 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Bleumer 2629 3-19H
Doc ID	1108862

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	130	Pro Oilfield Services 8 Sack Grout	14	none
Surface	12.25	9.63	36	1554	Halliburton Extendacem and Swiftcem Systems	660	3% Calcium Chloride, .25 lbm Poly-E-Flake
Intermediate	8.75	7	26	5540	Halliburton Econocem and Halcem Systems	310	.4% halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Production Liner	6.12	4.5	11.6	9400	Halliburton Econocem System	500	.4% halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite

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

Kansas
Corporation Commission

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

January 21, 2013

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

Re: ACO1
API 15-069-20423-01-00
Bleumer 2629 3-19H
NW/4 Sec.19-26S-29W
Gray 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

Sandridge Energy, INC.(mid-con.)

Gray County, KS (NAD27)
Sec 19-T26S-R29W
Bleumer 2629 3-19H/ Lariat 20

Wellbore #1

Design: Wellbore #1

Standard Survey Report

23 January, 2013

Archer

Survey Report

Company:	Sandridge Energy, INC.(mid-con.)	**Local Co-ordinate Reference:**	Well Bleumer 2629 3-19H/ Lariat 20
Project:	Gray County, KS (NAD27)	**TVD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Site:	Sec 19-T26S-R29W	**MD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Well:	Bleumer 2629 3-19H/ Lariat 20	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Project Gray County, KS (NAD27)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site Sec 19-T26S-R29W

Site Position:		**Northing:**	406,781.00 usft	**Latitude:**	37° 45' 57.933 N
From:	Map	**Easting:**	1,409,697.00 usft	**Longitude:**	100° 32' 32.159 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	-1.26 °

Well Bleumer 2629 3-19H/ Lariat 20

Well Position	**+N/-S**	0.0 usft	**Northing:**	411,823.66 usft	**Latitude:**	37° 46' 48.309 N
	+E/-W	0.0 usft	**Easting:**	1,412,156.76 usft	**Longitude:**	100° 32' 2.903 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,734.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2012/12/27	6.09	65.49	51,980

Design Wellbore #1

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	185.65

Survey Program **Date** 2013/01/23

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
1,608.0	9,400.0	Archer MWD Surveys (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1,608.0	0.10	244.60	1,608.0	-0.6	-1.3	0.7	0.01	0.01	0.00
First Archer MWD Survey									
1,799.0	0.30	82.30	1,799.0	-0.6	-0.9	0.7	0.21	0.10	-84.97
1,989.0	0.10	169.80	1,989.0	-0.7	-0.4	0.7	0.16	-0.11	46.05
2,179.0	0.70	119.10	2,179.0	-1.4	0.6	1.4	0.34	0.32	-26.68
2,368.0	1.00	137.70	2,368.0	-3.2	2.8	2.9	0.21	0.16	9.84
2,558.0	0.90	145.20	2,557.9	-5.7	4.7	5.2	0.08	-0.05	3.95
2,748.0	0.70	152.50	2,747.9	-7.9	6.1	7.3	0.12	-0.11	3.84
2,938.0	0.40	152.00	2,937.9	-9.5	7.0	8.8	0.16	-0.16	-0.26
3,128.0	0.60	153.00	3,127.9	-11.0	7.7	10.2	0.11	0.11	0.53

Company:	Sandridge Energy, INC.(mid-con.)	**Local Co-ordinate Reference:**	Well Bleumer 2629 3-19H/ Lariat 20
Project:	Gray County, KS (NAD27)	**TVD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Site:	Sec 19-T26S-R29W	**MD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Well:	Bleumer 2629 3-19H/ Lariat 20	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,318.0	0.60	169.90	3,317.9	-12.9	8.4	12.0	0.09	0.00	8.89
3,508.0	0.50	190.20	3,507.9	-14.7	8.4	13.8	0.11	-0.05	10.68
3,698.0	0.60	176.90	3,697.9	-16.5	8.3	15.6	0.09	0.05	-7.00
3,888.0	0.40	141.50	3,887.9	-18.0	8.8	17.0	0.19	-0.11	-18.63
3,983.0	0.40	128.00	3,982.9	-18.5	9.2	17.5	0.10	0.00	-14.21
4,046.0	0.30	133.40	4,045.9	-18.7	9.5	17.7	0.17	-0.16	8.57
4,078.0	1.00	194.30	4,077.9	-19.0	9.5	18.0	2.79	2.19	190.31
4,110.0	3.20	216.60	4,109.8	-20.0	8.9	19.0	7.21	6.88	69.69
4,141.0	5.90	209.30	4,140.7	-22.1	7.6	21.2	8.89	8.71	-23.55
4,173.0	8.70	205.40	4,172.5	-25.7	5.8	25.0	8.88	8.75	-12.19
4,205.0	12.20	206.90	4,203.9	-30.9	3.2	30.5	10.97	10.94	4.69
4,236.0	14.50	207.60	4,234.1	-37.3	-0.1	37.1	7.44	7.42	2.26
4,268.0	17.40	211.30	4,264.9	-44.9	-4.4	45.1	9.60	9.06	11.56
4,300.0	19.10	213.00	4,295.3	-53.4	-9.8	54.1	5.57	5.31	5.31
4,331.0	21.00	215.50	4,324.4	-62.2	-15.8	63.4	6.72	6.13	8.06
4,363.0	22.60	215.40	4,354.1	-71.9	-22.6	73.7	5.00	5.00	-0.31
4,395.0	23.60	214.40	4,383.5	-82.2	-29.8	84.7	3.36	3.13	-3.13
4,427.0	25.40	214.30	4,412.6	-93.1	-37.3	96.3	5.63	5.63	-0.31
4,458.0	27.30	214.10	4,440.4	-104.5	-45.0	108.4	6.14	6.13	-0.65
4,490.0	29.20	215.80	4,468.6	-116.9	-53.7	121.6	6.45	5.94	5.31
4,522.0	31.00	217.00	4,496.3	-129.8	-63.3	135.4	5.93	5.63	3.75
4,553.0	33.00	216.80	4,522.6	-143.0	-73.1	149.5	6.46	6.45	-0.65
4,585.0	35.20	215.60	4,549.1	-157.4	-83.7	164.9	7.19	6.88	-3.75
4,617.0	36.70	213.90	4,575.0	-172.9	-94.4	181.3	5.63	4.69	-5.31
4,649.0	38.00	213.00	4,600.4	-189.1	-105.1	198.5	4.41	4.06	-2.81
4,680.0	38.90	213.60	4,624.7	-205.2	-115.7	215.6	3.14	2.90	1.94
4,712.0	39.90	212.50	4,649.4	-222.2	-126.8	233.6	3.81	3.13	-3.44
4,744.0	42.50	211.90	4,673.5	-240.0	-138.0	252.5	8.22	8.13	-1.88
4,775.0	45.80	211.20	4,695.7	-258.4	-149.3	271.9	10.76	10.65	-2.26
4,807.0	49.80	210.50	4,717.2	-278.8	-161.4	293.3	12.60	12.50	-2.19
4,839.0	51.60	210.10	4,737.5	-300.2	-173.9	315.8	5.71	5.63	-1.25
4,870.0	51.50	209.80	4,756.8	-321.2	-186.0	338.0	0.82	-0.32	-0.97
4,902.0	51.30	209.80	4,776.7	-342.9	-198.5	360.8	0.63	-0.63	0.00
4,934.0	51.30	209.20	4,796.8	-364.6	-210.8	383.6	1.46	0.00	-1.88
4,966.0	50.90	209.00	4,816.8	-386.4	-222.9	406.5	1.34	-1.25	-0.63
4,997.0	50.60	208.30	4,836.5	-407.5	-234.4	428.6	2.00	-0.97	-2.26
5,029.0	51.70	206.90	4,856.5	-429.6	-245.9	451.7	4.84	3.44	-4.38
5,061.0	54.10	203.70	4,875.8	-452.6	-256.8	475.7	10.95	7.50	-10.00
5,093.0	56.90	201.60	4,894.0	-477.0	-267.0	500.9	10.29	8.75	-6.56
5,124.0	59.20	199.10	4,910.4	-501.6	-276.1	526.4	10.09	7.42	-8.06
5,156.0	61.60	196.30	4,926.2	-528.1	-284.6	553.6	10.68	7.50	-8.75
5,188.0	64.00	193.00	4,940.8	-555.7	-291.8	581.7	11.85	7.50	-10.31
5,219.0	66.40	191.60	4,953.8	-583.2	-297.7	609.6	8.76	7.74	-4.52

Company:	Sandridge Energy, INC.(mid-con.)	**Local Co-ordinate Reference:**	Well Bleumer 2629 3-19H/ Lariat 20
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Site:	Sec 19-T26S-R29W	**MD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Well:	Bleumer 2629 3-19H/ Lariat 20	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,251.0	68.00	189.00	4,966.2	-612.2	-303.0	639.0	9.01	5.00	-8.13
5,283.0	69.60	187.60	4,977.8	-641.7	-307.3	668.8	6.45	5.00	-4.38
5,314.0	71.20	185.60	4,988.2	-670.7	-310.7	698.0	7.97	5.16	-6.45
5,346.0	73.20	185.00	4,998.0	-701.0	-313.5	728.5	6.50	6.25	-1.88
5,378.0	76.30	183.80	5,006.4	-731.8	-315.9	759.3	10.34	9.69	-3.75
5,409.0	79.50	183.80	5,012.9	-762.1	-317.9	789.6	10.32	10.32	0.00
5,441.0	82.40	183.10	5,017.9	-793.6	-319.8	821.2	9.32	9.06	-2.19
5,473.0	85.20	183.30	5,021.4	-825.4	-321.5	853.0	8.77	8.75	0.63
5,501.0	88.10	183.80	5,023.0	-853.3	-323.3	880.9	10.51	10.36	1.79
5,575.0	90.10	183.80	5,024.2	-927.1	-328.2	954.9	2.70	2.70	0.00
5,605.0	90.10	183.60	5,024.1	-957.0	-330.1	984.9	0.67	0.00	-0.67
5,636.0	90.00	183.60	5,024.1	-988.0	-332.1	1,015.8	0.32	-0.32	0.00
5,666.0	90.00	183.60	5,024.1	-1,017.9	-333.9	1,045.8	0.00	0.00	0.00
5,697.0	90.70	183.30	5,023.9	-1,048.8	-335.8	1,076.8	2.46	2.26	-0.97
5,727.0	90.80	183.30	5,023.5	-1,078.8	-337.5	1,106.8	0.33	0.33	0.00
5,758.0	90.80	182.20	5,023.1	-1,109.7	-339.0	1,137.7	3.55	0.00	-3.55
5,789.0	90.60	181.80	5,022.7	-1,140.7	-340.1	1,168.7	1.44	-0.65	-1.29
5,819.0	90.50	181.80	5,022.4	-1,170.7	-341.0	1,198.6	0.33	-0.33	0.00
5,850.0	90.50	181.70	5,022.1	-1,201.7	-342.0	1,229.5	0.32	0.00	-0.32
5,881.0	90.40	181.90	5,021.9	-1,232.7	-343.0	1,260.4	0.72	-0.32	0.65
5,911.0	90.50	182.00	5,021.7	-1,262.7	-344.0	1,290.4	0.47	0.33	0.33
5,957.0	90.80	182.00	5,021.1	-1,308.6	-345.6	1,336.3	0.65	0.65	0.00
6,003.0	90.70	181.80	5,020.5	-1,354.6	-347.1	1,382.2	0.49	-0.22	-0.43
6,048.0	88.80	182.30	5,020.7	-1,399.6	-348.7	1,427.1	4.37	-4.22	1.11
6,095.0	88.00	182.90	5,022.0	-1,446.5	-350.9	1,474.0	2.13	-1.70	1.28
6,140.0	87.80	182.80	5,023.7	-1,491.4	-353.1	1,518.9	0.50	-0.44	-0.22
6,186.0	88.60	182.70	5,025.1	-1,537.3	-355.3	1,564.8	1.75	1.74	-0.22
6,232.0	90.10	182.40	5,025.7	-1,583.3	-357.3	1,610.8	3.33	3.26	-0.65
6,278.0	89.70	181.80	5,025.7	-1,629.3	-359.0	1,656.7	1.57	-0.87	-1.30
6,324.0	89.20	181.50	5,026.2	-1,675.2	-360.4	1,702.6	1.27	-1.09	-0.65
6,370.0	88.70	181.50	5,027.0	-1,721.2	-361.6	1,748.4	1.09	-1.09	0.00
6,415.0	88.70	181.60	5,028.0	-1,766.2	-362.8	1,793.3	0.22	0.00	0.22
6,461.0	89.10	182.30	5,028.9	-1,812.1	-364.3	1,839.2	1.75	0.87	1.52
6,507.0	89.80	182.20	5,029.4	-1,858.1	-366.1	1,885.1	1.54	1.52	-0.22
6,553.0	90.50	182.30	5,029.2	-1,904.1	-368.0	1,931.0	1.54	1.52	0.22
6,603.0	90.30	182.30	5,028.9	-1,954.0	-370.0	1,981.0	0.40	-0.40	0.00
6,648.0	90.20	182.00	5,028.7	-1,999.0	-371.6	2,025.9	0.70	-0.22	-0.67
6,698.0	90.20	182.30	5,028.5	-2,049.0	-373.5	2,075.8	0.60	0.00	0.60
6,743.0	90.50	181.90	5,028.2	-2,093.9	-375.2	2,120.7	1.11	0.67	-0.89
6,793.0	90.90	182.20	5,027.6	-2,143.9	-377.0	2,170.6	1.00	0.80	0.60
6,838.0	91.20	181.70	5,026.8	-2,188.9	-378.5	2,215.5	1.30	0.67	-1.11
6,888.0	90.60	182.20	5,026.0	-2,238.8	-380.2	2,265.4	1.56	-1.20	1.00
6,933.0	90.80	182.20	5,025.5	-2,283.8	-381.9	2,310.3	0.44	0.44	0.00

Company:	Sandridge Energy, INC.(mid-con.)	**Local Co-ordinate Reference:**	Well Bleumer 2629 3-19H/ Lariat 20
Project:	Gray County, KS (NAD27)	**TVD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Site:	Sec 19-T26S-R29W	**MD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Well:	Bleumer 2629 3-19H/ Lariat 20	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,983.0	90.70	182.10	5,024.8	-2,333.8	-383.8	2,360.2	0.28	-0.20	-0.20
7,028.0	90.30	181.70	5,024.4	-2,378.7	-385.3	2,405.1	1.26	-0.89	-0.89
7,078.0	90.20	182.00	5,024.2	-2,428.7	-386.9	2,455.0	0.63	-0.20	0.60
7,123.0	90.20	182.10	5,024.1	-2,473.7	-388.5	2,499.9	0.22	0.00	0.22
7,173.0	91.60	181.20	5,023.3	-2,523.6	-390.0	2,549.8	3.33	2.80	-1.80
7,218.0	91.80	181.30	5,021.9	-2,568.6	-390.9	2,594.6	0.50	0.44	0.22
7,268.0	91.40	181.10	5,020.5	-2,618.6	-392.0	2,644.4	0.89	-0.80	-0.40
7,313.0	91.20	181.30	5,019.5	-2,663.6	-392.9	2,689.3	0.63	-0.44	0.44
7,363.0	90.70	181.50	5,018.7	-2,713.5	-394.1	2,739.2	1.08	-1.00	0.40
7,408.0	90.40	181.50	5,018.3	-2,758.5	-395.3	2,784.0	0.67	-0.67	0.00
7,458.0	90.00	182.10	5,018.1	-2,808.5	-396.9	2,833.9	1.44	-0.80	1.20
7,503.0	89.00	182.10	5,018.5	-2,853.5	-398.5	2,878.8	2.22	-2.22	0.00
7,553.0	88.70	182.50	5,019.5	-2,903.4	-400.5	2,928.7	1.00	-0.60	0.80
7,598.0	88.70	182.80	5,020.5	-2,948.4	-402.6	2,973.7	0.67	0.00	0.67
7,648.0	88.80	182.50	5,021.6	-2,998.3	-404.9	3,023.6	0.63	0.20	-0.60
7,693.0	88.50	182.70	5,022.7	-3,043.2	-407.0	3,068.5	0.80	-0.67	0.44
7,743.0	88.70	182.80	5,023.9	-3,093.2	-409.4	3,118.4	0.45	0.40	0.20
7,788.0	89.10	182.30	5,024.7	-3,138.1	-411.4	3,163.4	1.42	0.89	-1.11
7,838.0	89.00	182.20	5,025.6	-3,188.1	-413.3	3,213.3	0.28	-0.20	-0.20
7,883.0	89.30	182.30	5,026.2	-3,233.0	-415.1	3,258.2	0.70	0.67	0.22
7,933.0	89.70	182.10	5,026.7	-3,283.0	-417.0	3,308.1	0.89	0.80	-0.40
7,978.0	89.60	182.00	5,026.9	-3,327.9	-418.6	3,353.0	0.31	-0.22	-0.22
8,028.0	89.40	182.20	5,027.4	-3,377.9	-420.5	3,402.9	0.57	-0.40	0.40
8,073.0	89.20	181.80	5,027.9	-3,422.9	-422.0	3,447.8	0.99	-0.44	-0.89
8,123.0	89.60	181.60	5,028.5	-3,472.9	-423.5	3,497.7	0.89	0.80	-0.40
8,168.0	89.70	181.70	5,028.7	-3,517.8	-424.8	3,542.6	0.31	0.22	0.22
8,218.0	90.60	182.30	5,028.6	-3,567.8	-426.6	3,592.5	2.16	1.80	1.20
8,263.0	90.60	181.70	5,028.1	-3,612.8	-428.1	3,637.4	1.33	0.00	-1.33
8,313.0	90.50	181.80	5,027.6	-3,662.8	-429.7	3,687.3	0.28	-0.20	0.20
8,358.0	90.60	181.60	5,027.2	-3,707.7	-431.0	3,732.1	0.50	0.22	-0.44
8,408.0	90.50	181.60	5,026.7	-3,757.7	-432.4	3,782.0	0.20	-0.20	0.00
8,453.0	89.70	181.80	5,026.7	-3,802.7	-433.7	3,826.9	1.83	-1.78	0.44
8,503.0	89.90	182.10	5,026.8	-3,852.7	-435.4	3,876.8	0.72	0.40	0.60
8,548.0	89.90	182.50	5,026.9	-3,897.6	-437.2	3,921.7	0.89	0.00	0.89
8,598.0	89.80	182.30	5,027.0	-3,947.6	-439.3	3,971.6	0.45	-0.20	-0.40
8,643.0	89.90	182.20	5,027.2	-3,992.5	-441.1	4,016.6	0.31	0.22	-0.22
8,693.0	90.00	182.30	5,027.2	-4,042.5	-443.1	4,066.5	0.28	0.20	0.20
8,738.0	90.10	182.20	5,027.2	-4,087.5	-444.8	4,111.4	0.31	0.22	-0.22
8,788.0	90.20	182.10	5,027.0	-4,137.4	-446.7	4,161.3	0.28	0.20	-0.20
8,833.0	90.30	181.70	5,026.8	-4,182.4	-448.2	4,206.2	0.92	0.22	-0.89
8,883.0	89.90	181.20	5,026.7	-4,232.4	-449.5	4,256.1	1.28	-0.80	-1.00
8,928.0	89.00	180.50	5,027.2	-4,277.4	-450.1	4,300.9	2.53	-2.00	-1.56
8,978.0	89.00	179.70	5,028.1	-4,327.4	-450.2	4,350.7	1.60	0.00	-1.60
9,023.0	88.70	179.80	5,029.0	-4,372.4	-450.0	4,395.4	0.70	-0.67	0.22

Company:	Sandridge Energy, INC.(mid-con.)	**Local Co-ordinate Reference:**	Well Bleumer 2629 3-19H/ Lariat 20
Project:	Gray County, KS (NAD27)	**TVD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Site:	Sec 19-T26S-R29W	**MD Reference:**	WELL @ 2752.0usft (Original Well Elev)
Well:	Bleumer 2629 3-19H/ Lariat 20	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,073.0	89.40	180.60	5,029.8	-4,422.4	-450.2	4,445.2	2.13	1.40	1.60
9,118.0	89.10	180.60	5,030.4	-4,467.4	-450.7	4,490.0	0.67	-0.67	0.00
9,168.0	88.20	179.70	5,031.6	-4,517.3	-450.8	4,539.8	2.55	-1.80	-1.80
9,213.0	88.10	179.70	5,033.0	-4,562.3	-450.6	4,584.5	0.22	-0.22	0.00
9,263.0	88.40	179.80	5,034.5	-4,612.3	-450.3	4,634.2	0.63	0.60	0.20
9,308.0	87.80	179.70	5,036.0	-4,657.3	-450.1	4,679.0	1.35	-1.33	-0.22
9,353.0	87.60	179.50	5,037.8	-4,702.2	-449.8	4,723.7	0.63	-0.44	-0.44
Last Archer MWD Survey									
9,399.9	87.60	179.50	5,039.8	-4,749.1	-449.4	4,770.2	0.00	0.00	0.00
PBHL Bleumer 3-19H									
9,400.0	87.60	179.50	5,039.8	-4,749.2	-449.4	4,770.4	0.00	0.00	0.00
Projection to TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,608.0	1,608.0	-0.6	-1.3	First Archer MWD Survey
9,353.0	5,037.8	-4,702.2	-449.8	Last Archer MWD Survey
9,400.0	5,039.8	-4,749.2	-449.4	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

PRO OILFIELD SERVICES, LLC

P.O. BOX 3660
HOUMA, LA 70361-3660

Customer : SAN400

BILL TO : **SANDRIDGE ENERGY**
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102-6406
PHONE: (405) 753-5500 FAX: ()

Division : 0701
Delivery Ticket : 3724
Delivery Date : 1/3/2013
Office : 12/1/1901

Ordered By :
Lease/Well : BLEUMER 2629 3-19H
Rig Name/Number : LARIAT 20
AFE Number :
Site Contact :
:
:
:

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	BLEUMER 2629 3-19H	$24,750.00	$0.00	$24,750.00	12/21/2012 12/21/2012	$24,750.00
120	DRILLED 30" CONDUCTOR HOLE	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
75	16" CONDUCTOR PIPE (.250 WALL)	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
1	WELDING SERVICES FOR PIPE & LIDS	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
14	CEMENT 8 SACK GROUT	$0.00	$0.00	$0.00	12/21/2012 12/21/2012	
	Sub Total:	$24,750.00	$0.00			$24,750.00

Print Name

Signature

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2971862	**Quote #:**	**Sales Order #:** 900117582
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Garza, Louise	
Well Name: Bleumer 2629	**Well #:** 3-19H		**API/UWI #:** 15-069-20423
Field:	**City (SAP):** MONTEZUMA	**County/Parish:** Gray	**State:** Kansas
Legal Description: Section 19 Township 26S Range 29W			
Contractor: LARIAT	**Rig/Platform Name/Num:** 20		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** THOMPSON, RAYLAND	**MBU ID Emp #:** 476826	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GARCIA, ADAM Joe	13.2	531492	JOHNSON, MATTHEW Warren	13.2	525955	LOPEZ, CRISTIAN Adrian	13.2	488085
THOMPSON, RAYLAND Heath	13.2	476826						

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
1/4/2013	13.2	2						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	1559.8 ft	**Job Depth TVD**	1559.8 ft		
Water Depth		**Wk Ht Above Floor**	4. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	04 - Jan - 2013	01:20	CST
On Location	04 - Jan - 2013	09:00	CST
Job Started	04 - Jan - 2013	18:54	CST
Job Completed	27 - Dec - 2012	20:14	CST
Departed Loc	04 - Jan - 2013	22:10	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
12.25" Open Hole				12.25				.	1250.		
12.25" Open Hole- Lower				12.25				1250.	1550.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1550.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HWE
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

HALLIBURTON

Cementing Job Summary

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	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	465.0	sacks	12.4	2.11	11.61		11.61
3 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)			175 BBL				
0.25 lbm		POLY-E-FLAKE (101216940)							
11.609 Gal		FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	195.0	sacks	15.6	1.2	5.32		5.32
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)			42 BBL				
0.125 lbm		POLY-E-FLAKE (101216940)							
5.319 Gal		FRESH WATER							
4	Displacement		117.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	117	Shut In: Instant		Lost Returns	NO	Cement Slurry	217	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	48	Actual Displacement	117	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	

Rates							
Circulating		Mixing	6	Displacement	7	Avg. Job	6.5

Cement Left In Pipe	Amount	46.76 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 #:** 2971862	**Quote #:**	**Sales Order #:** 900138891
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** ..., Louise	
Well Name: Bleumer 2629	**Well #:** 3-19H		**API/UWI #:** 15-069-20423
Field:	**City (SAP):** MONTEZUMA	**County/Parish:** Gray	**State:** Kansas
Legal Description: Section 19 Township 26S Range 29W			
Contractor: Lariat	**Rig/Platform Name/Num:** 20		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** CARRILLO, EDUARDO	**MBU ID Emp #:** 371263	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	12	371263	LUNA, JOSE A	12	480456	NEAL, MICHAEL Edward	12	483780
REYES GANDARA, JUAN Armando	12	440529						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10744298C	75 mile	10988832	75 mile	11006598	75 mile	11133699	75 mile
11515118	75 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1-13-2013	1	0	1-14-2013	11	4			
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	5547. ft	**Job Depth TVD**	5547. ft		
Water Depth		**Wk Ht Above Floor**	6. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	13 - Jan - 2013	15:00	CST
On Location	13 - Jan - 2013	23:00	CST
Job Started	14 - Jan - 2013	07:49	CST
Job Completed	14 - Jan - 2013	09:10	GMT
Departed Loc	14 - Jan - 2013	11:00	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				1550.	5500.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5500.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1550.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,7,HWE,5.66 MIN/6.54 MAX CS	1	EA		

Tools and Accessories

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

HALLIBURTON

Cementing Job Summary

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	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)		sacks	13.6	1.53	7.24		7.24
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.24 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)		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			bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	208	Shut In: Instant	0	Lost Returns	0	Cement Slurry	75	Pad	
Top Of Cement	2879	5 Min		Cement Returns	0	Actual Displacement	208	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	313

Rates							
Circulating	6	Mixing	5	Displacement	5.5	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

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2971862	**Quote #:**	**Sales Order #:** 900152281
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Cummings, Parker	
Well Name: Bleumer 2629	**Well #:** 3-19H		**API/UWI #:** 15-069-20423
Field:	**City (SAP):** MONTEZUMA	**County/Parish:** Gray	**State:** Kansas

Legal Description: Section 19 Township 26S Range 29W

Contractor: Lariat	**Rig/Platform Name/Num:** 20
Job Purpose: Cement Production Liner	
Well Type: Development Well	**Job Type:** Cement Production Liner
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** AGUILERA, FABIAN **MBU ID Emp #:** 442123

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	10	442123	HEIDT, JAMES Nicholas	10	517102	LAYNE, OLANDIS P	6.5	517538
McKINLEY, MARK	10	502784	ORNELAS, KARIM Gabriel	6.5	506950			

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
1/20/2013	10	1.5						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	9400. ft	**Job Depth TVD**	9400. ft
Water Depth		**Wk Ht Above Floor**	10. ft
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	20 - Jan - 2013	03:00	CST
On Location	20 - Jan - 2013	08:30	CST
Job Started	20 - Jan - 2013	12:19	CST
Job Completed	20 - Jan - 2013	13:41	CST
Departed Loc	20 - Jan - 2013	17:00	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				5500.	9455.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5021.	9455.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5500.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5021.		

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

HALLIBURTON

Cementing Job Summary

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	Rig Supplied Gel Spacer		30.00	bbl	8.3	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	500.0	sacks	13.6	1.53	7.24		7.24
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.24 Gal	FRESH WATER							
3	Displacement		115.00	bbl	8.33	.0	.0	.0	

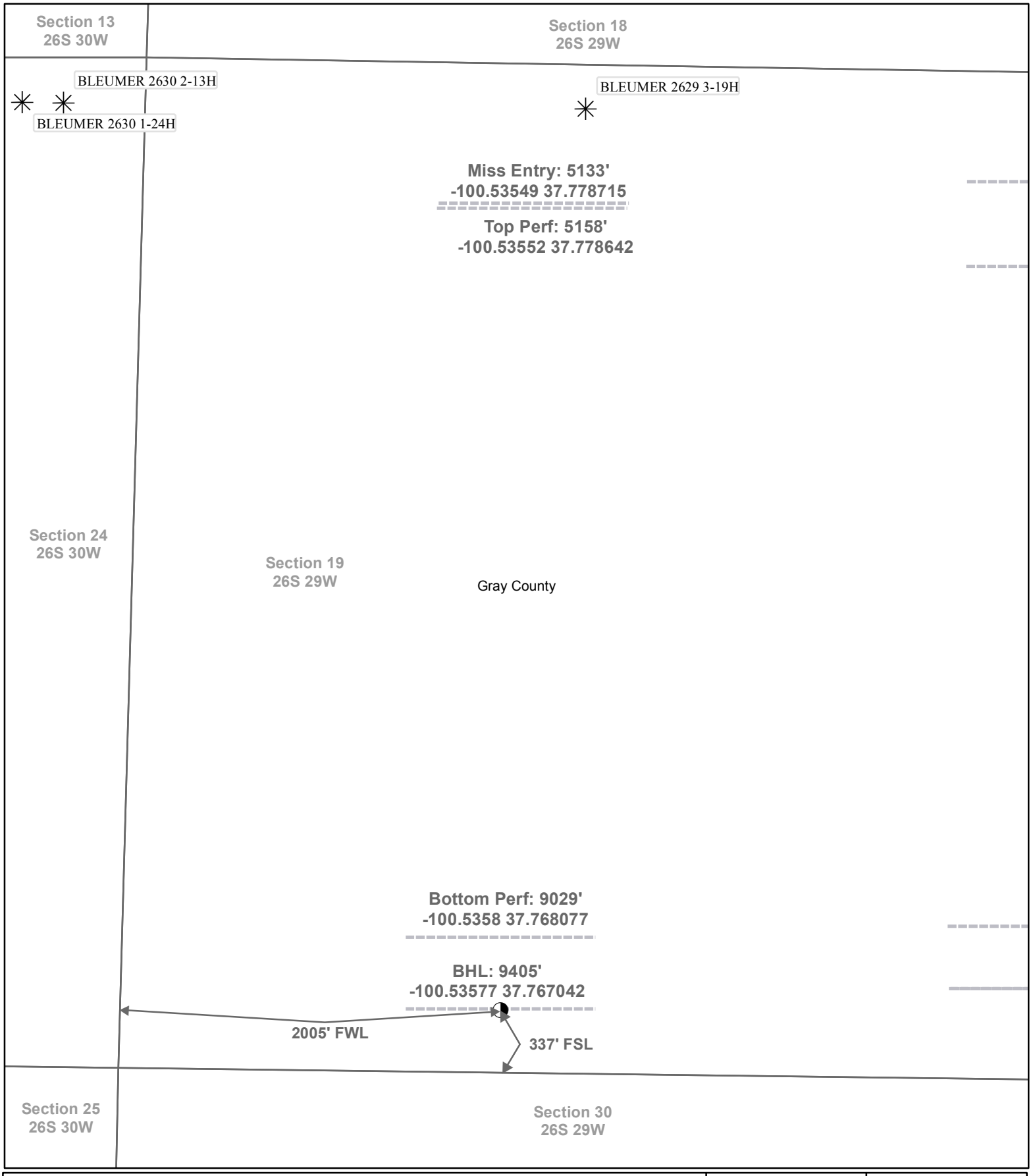
Calculated Values		Pressures		Volumes					
Displacement	115 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	136 BBL	Pad	
Top Of Cement	7076 FT.	5 Min		Cement Returns	0	Actual Displacement	112 BBL	Treatment	
Frac Gradient		15 Min		Spacers	30 BBL	Load and Breakdown		Total Job	

Rates							
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5

Cement Left In Pipe	Amount	80 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
	Rusty Rebler



SANDRIDGE
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Bleumer 2629 3-19H
Gray County, Kansas
T&R: 26S 29W
Section: 19, 2005' FWL & 337' FSL
Long/Lat:-100.53577 37.767042

1 in = 667 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 4/9/2013
Drawing Name/Number: Addendum_Bleumer_3-19H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date	**2/15/2013**
State:	**Kansas**
County:	**Gray**
API Number:	**15-069-20423**
Operator Name:	**SandRidge Expl. And Prod., LLC**
Well Name and Number:	**Bleumer 2629 3-19H**
Longitude:	**-100.5341**
Latitude:	**37.78**
Long/Lat Projection:	**NAD27**
Production Type:	**Oil**
True Vertical Depth (TVD):	**5,040**
Total Water Volume (gal)*:	**2,315,190**

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
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)*	-		94.75599%	
			Crystalline silica	14808-60-7	92.43623%	4.84736%	
			Hydrogen chloride	7647-01-0	5.95956%	0.31252%	
			Distillates (petroleum), hydrotreated light	64742-47-8	0.34805%	0.01825%	
			Methanol	67-56-1	0.29104%	0.01526%	
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.29004%	0.01521%	
			Ammonium chloride	12125-02-9	0.16677%	0.00875%	
			Alcohol, C11 linear, ethoxylated	34398-01-1	0.13360%	0.00701%	
			Alcohol, C9-C11, Ethoxylated	68439-46-3	0.08907%	0.00467%	
			Glutaraldehyde	111-30-8	0.06105%	0.00320%	
			Sodium erythorbate	6381-77-7	0.04115%	0.00216%	
			Ethoxylated oleic acid	9004-96-0	0.02900%	0.00152%	
			Trisodium ortho phosphate	7601-54-9	0.02846%	0.00149%	
			Sorbitan monooleate	1338-43-8	0.02538%	0.00133%	
			Sorbitol Tetraoleate	61723-83-9	0.01813%	0.00095%	
			Fatty acids, tall-oil	61790-12-3	0.01706%	0.00089%	
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.01508%	0.00079%	
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.01494%	0.00078%	
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.01494%	0.00078%	
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.01404%	0.00074%	
			Alkyl(c12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.01090%	0.00057%	

			Ethane-1,2-diol	107-21-1	0.00810%	0.00042%	
			C14 alpha olefin ethoxylate	84133-50-6	0.00798%	0.00042%	
			2-Propenoic acid, ammonium salt	10604-69-0	0.00725%	0.00038%	
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00653%	0.00034%	
			Prop-2-yn-1-ol	107-19-7	0.00436%	0.00023%	
			Alkenes, C>10 a-	64743-02-8	0.00290%	0.00015%	
			Ethanol	64-17-5	0.00131%	0.00007%	

* 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%

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Remarks

Tiffany Golay 04/15/013 08:28 am	TVD 5,040'
Tiffany Golay 04/02/013 08:19 am	Fluid hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43
Tiffany Golay 03/28/013 10:42 am	Conductor weight= 106.5 lbs/ft