



CONFIDENTIAL

OIL & GAS CONSERVATION DIVISION 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>5/17/2012</u>	<u>6/2/2012</u>	<u>6/4/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-069-20373-01-00
 Spot Description: _____
NW NE NE NE Sec. 19 Twp. 26 S. R. 29 East West
240 Feet from North / South Line of Section
400 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Gray
 Lease Name: Bleumer 2629 Well #: 1-19H
 Field Name: _____
 Producing Formation: Mississippi
 Elevation: Ground: 2729 Kelly Bushing: 2749
 Total Depth: 9351 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 908 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: 1200 ppm Fluid volume: 2910 bbls
 Dewatering method used: Hauled to Disposal
 Location of fluid disposal if hauled offsite:
 Operator Name: Chaosland Disposal
 Lease Name: Unnamed License #: 99999
 Quarter SE Sec. 33 Twp. 29 S. R. 37 East West
 County: Grant Permit #: 890 KDH

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: 09/05/2012
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 09/05/2012



Archer Directional Drilling Services
Survey Report

Archer

Company: Sandridge Energy, INC.(mid-con.)
 Project: Gray County (KA27N)
 Site: Sec 19-T26S-R29W
 Well: Bleumer 2629 1-19H
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well Bleumer 2629 1-19H
 TVD Reference: KB @ 2745.0usft
 MD Reference: KB @ 2745.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.1 Single User Db

Project	Gray County (KA27N)	
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:	411,892.24 usft	Latitude:	37° 46' 49.528 N
From:	Map	Easting:	1,414,872.96 usft	Longitude:	100° 31' 31.586 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.24 °

Well	Bleumer 2629 1-19H					
Well Position	+N/-S	0.0 usft	Northing:	411,892.24 usft	Latitude:	37° 46' 49.528 N
	+E/-W	0.0 usft	Easting:	1,414,872.96 usft	Longitude:	100° 31' 31.586 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	2,725.0 usft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2012/05/08	6.17	65.51	52,050

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	181.66	

Survey Program	Date 2012/06/06				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
251.0	751.0	Gyro (Wellbore #1)	MWD	MWD - Standard	
1,107.0	9,351.0	Archer Survey (Wellbore #1)	MWD	MWD - Standard	

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	
251.0	0.80	317.80	251.0	1.0	-0.9	-0.9	0.24	0.24	0.00	
486.0	0.50	317.80	486.0	2.5	-2.3	-2.4	0.05	-0.05	0.00	
751.0	0.40	317.60	751.0	4.1	-3.8	-4.0	0.04	-0.04	0.00	
1,107.0	0.40	317.60	1,107.0	6.0	-5.5	-5.8	0.00	0.00	0.00	
First Archer Survey										
1,584.0	0.60	341.50	1,584.0	9.0	-7.4	-8.4	0.06	0.04	5.01	
2,053.0	0.40	27.70	2,052.9	13.4	-7.4	-13.1	0.09	-0.04	9.05	
2,523.0	0.60	322.00	2,522.9	16.8	-8.1	-16.5	0.12	0.04	-13.98	
2,994.0	0.40	287.60	2,993.9	19.2	-11.2	-18.9	0.07	-0.04	-7.30	



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North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
3,470.0	0.30	317.90	3,469.9	20.6	-13.7	-20.2	0.04	-0.02	6.37
3,757.0	0.40	329.10	3,756.9	22.0	-14.7	-21.6	0.04	0.03	3.90
3,852.0	0.30	329.80	3,851.9	22.5	-15.0	-22.1	0.11	-0.11	0.74
3,948.0	0.50	303.20	3,947.0	23.0	-15.4	-22.5	0.28	0.21	-27.71
4,044.0	0.40	284.30	4,043.9	23.3	-16.1	-22.8	0.19	-0.10	-19.69
4,076.0	0.20	245.20	4,075.9	23.3	-16.3	-22.8	0.86	-0.63	-122.19
4,108.0	1.20	185.60	4,107.9	22.9	-16.4	-22.5	3.48	3.13	-186.25
4,140.0	2.70	180.40	4,139.9	21.9	-16.4	-21.4	4.72	4.69	-16.25
4,172.0	4.50	179.40	4,171.8	19.8	-16.4	-19.4	5.63	5.63	-3.13
4,204.0	8.90	177.00	4,203.8	16.7	-16.3	-16.2	7.54	7.50	-7.50
4,236.0	9.40	175.50	4,235.3	12.1	-16.0	-11.7	7.84	7.81	-4.69
4,268.0	11.50	176.50	4,266.8	6.4	-15.8	-5.9	6.59	6.58	3.13
4,300.0	12.70	176.80	4,298.1	-0.3	-15.2	0.8	3.76	3.75	0.94
4,331.0	14.40	178.20	4,328.2	-7.6	-14.9	8.0	5.58	5.48	4.52
4,363.0	16.30	182.10	4,359.1	-16.1	-14.9	16.5	6.75	5.94	12.19
4,395.0	18.50	184.20	4,389.6	-25.6	-15.4	26.1	7.15	6.86	6.56
4,427.0	21.00	184.10	4,419.7	-36.4	-16.2	36.9	7.81	7.81	-0.31
4,459.0	23.60	182.80	4,449.3	-48.5	-17.0	49.0	8.27	8.13	-4.06
4,491.0	26.60	181.60	4,478.3	-62.1	-17.5	62.6	9.51	9.38	-3.75
4,523.0	29.50	180.60	4,506.5	-77.1	-17.7	77.6	9.16	9.06	-3.13
4,555.0	32.40	179.80	4,534.0	-93.6	-17.8	94.1	9.15	9.06	-2.50
4,587.0	34.50	179.30	4,560.7	-111.2	-17.7	111.7	6.62	6.56	-1.66
4,619.0	36.40	179.00	4,586.7	-129.8	-17.4	130.2	6.96	5.94	-0.94
4,651.0	38.10	179.20	4,612.2	-149.1	-17.1	149.6	5.33	5.31	0.63
4,683.0	40.10	179.50	4,637.0	-169.3	-16.9	169.7	6.28	6.25	0.94
4,715.0	42.90	179.30	4,661.0	-190.5	-16.6	190.9	6.76	6.75	-0.63
4,747.0	45.70	178.90	4,683.9	-212.9	-16.3	213.2	8.79	8.75	-1.25
4,779.0	48.40	178.60	4,705.7	-236.3	-15.8	236.6	8.47	8.44	-0.94
4,810.0	49.30	178.50	4,726.1	-259.6	-15.2	259.9	2.91	2.90	-0.32
4,842.0	49.60	178.30	4,746.9	-283.9	-14.5	284.2	1.05	0.94	-0.63
4,874.0	49.60	177.80	4,767.6	-308.3	-13.7	308.5	1.19	0.00	-1.56
4,906.0	49.50	178.90	4,788.4	-332.6	-12.5	332.8	2.16	-0.31	-2.81
4,938.0	49.10	176.80	4,809.3	-356.8	-11.2	357.0	1.27	-1.25	-0.31
4,970.0	48.90	176.20	4,830.3	-380.9	-9.7	381.0	1.55	-0.63	-1.88
5,002.0	49.60	176.70	4,851.2	-405.1	-8.2	405.2	2.49	2.19	1.56
5,034.0	52.60	177.10	4,871.2	-430.0	-6.9	430.0	9.43	9.38	1.25
5,066.0	55.90	177.30	4,889.9	-455.9	-5.6	455.9	10.32	10.31	0.63
5,098.0	59.10	177.80	4,907.1	-482.9	-4.5	482.8	10.09	10.00	1.56
5,130.0	62.00	178.70	4,922.9	-510.7	-3.6	510.6	9.39	9.06	2.81
5,162.0	64.30	180.00	4,937.3	-539.3	-3.3	539.1	8.05	7.19	4.06
5,194.0	66.50	180.60	4,950.6	-568.1	-3.5	568.2	7.08	6.88	1.88
5,225.0	68.90	181.10	4,962.4	-597.0	-3.9	596.9	7.88	7.74	1.61
5,257.0	71.40	181.30	4,973.3	-627.1	-4.5	627.0	7.83	7.81	0.63



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5,289.0	73.40	181.70	4,982.9	-657.6	-5.3	657.5	6.36	6.25	1.25
5,321.0	75.60	181.80	4,991.5	-688.4	-6.2	688.3	6.88	6.88	0.31
5,353.0	77.70	181.60	4,998.9	-719.6	-7.2	719.5	6.59	6.56	-0.63
5,385.0	79.90	181.70	5,005.1	-750.9	-8.1	750.9	6.88	6.88	0.31
5,476.0	83.70	180.40	5,018.1	-841.0	-9.7	840.9	4.41	4.10	-1.43
5,507.0	84.10	179.90	5,021.4	-871.8	-9.8	871.7	2.08	1.29	-1.61
5,538.0	85.00	180.40	5,024.3	-902.7	-9.9	902.6	3.32	2.90	1.61
5,569.0	86.40	180.70	5,026.6	-933.6	-10.2	933.5	4.62	4.52	0.97
5,601.0	87.70	181.00	5,028.3	-965.5	-10.7	965.4	4.17	4.08	0.94
5,632.0	88.60	181.10	5,029.3	-996.5	-11.2	996.4	2.92	2.80	0.32
5,663.0	90.20	180.90	5,029.8	-1,027.5	-11.8	1,027.4	5.20	5.16	-0.65
5,694.0	91.20	180.90	5,029.2	-1,058.5	-12.3	1,058.4	3.23	3.23	0.00
5,726.0	91.70	181.10	5,028.4	-1,090.5	-12.8	1,090.4	1.68	1.56	0.63
5,757.0	91.10	180.90	5,027.7	-1,121.5	-13.3	1,121.4	2.04	-1.94	-0.65
5,788.0	92.40	181.30	5,026.7	-1,152.4	-13.9	1,152.4	4.39	4.19	1.29
5,820.0	94.50	181.30	5,024.8	-1,184.4	-14.7	1,184.3	6.56	6.56	0.00
5,851.0	95.00	181.80	5,022.2	-1,215.3	-15.5	1,215.2	2.28	1.61	1.61
5,882.0	95.00	181.90	5,019.5	-1,246.1	-16.6	1,246.1	0.32	0.00	0.32
5,914.0	94.20	181.70	5,017.0	-1,278.0	-17.5	1,278.0	2.58	-2.50	-0.63
5,945.0	92.40	181.40	5,015.2	-1,308.9	-18.3	1,308.9	5.89	-5.81	-0.97
5,976.0	92.00	181.70	5,014.0	-1,339.9	-19.2	1,339.9	1.61	-1.29	0.97
6,008.0	92.50	181.60	5,012.7	-1,371.9	-20.1	1,371.9	1.59	1.56	-0.31
6,039.0	93.10	181.50	5,011.2	-1,402.8	-20.9	1,402.8	1.96	1.84	-0.32
6,070.0	92.60	181.30	5,009.7	-1,433.8	-21.7	1,433.8	1.74	-1.81	-0.65
6,101.0	90.90	180.90	5,008.7	-1,464.7	-22.3	1,464.8	5.63	-5.48	-1.29
6,133.0	89.00	181.70	5,008.7	-1,496.7	-23.0	1,496.8	6.44	-5.94	2.50
6,164.0	88.70	181.80	5,009.4	-1,527.7	-24.0	1,527.8	1.02	-0.97	0.32
6,195.0	88.10	181.70	5,010.0	-1,558.7	-24.9	1,558.8	1.33	1.29	-0.32
6,227.0	89.50	181.30	5,010.4	-1,590.7	-25.7	1,590.8	1.77	1.25	-1.25
6,258.0	89.90	182.00	5,010.5	-1,621.7	-26.6	1,621.8	2.60	1.29	2.26
6,289.0	90.20	182.00	5,010.5	-1,652.6	-27.7	1,652.8	0.97	0.97	0.00
6,320.0	90.60	182.10	5,010.3	-1,683.6	-28.8	1,683.8	1.33	1.29	0.32
6,352.0	91.00	182.70	5,009.8	-1,715.6	-30.2	1,715.8	2.25	1.25	1.88
6,383.0	91.60	182.80	5,008.1	-1,746.6	-31.7	1,746.7	1.98	1.94	0.32
6,414.0	92.00	182.50	5,008.1	-1,777.5	-33.1	1,777.7	1.61	1.29	-0.97
6,446.0	91.60	182.80	5,007.1	-1,809.5	-34.6	1,809.7	1.56	-1.25	0.94
6,477.0	90.40	183.10	5,006.6	-1,840.4	-36.2	1,840.7	3.99	-3.87	0.97
6,508.0	90.70	183.20	5,006.3	-1,871.4	-37.9	1,871.7	1.02	0.97	0.32
6,539.0	91.00	183.30	5,005.8	-1,902.3	-39.6	1,902.7	1.02	0.97	0.32
6,571.0	90.80	183.30	5,005.3	-1,934.3	-41.5	1,934.6	0.63	-0.63	0.00
6,602.0	89.70	183.70	5,005.2	-1,965.2	-43.4	1,965.6	3.78	-3.55	1.29
6,633.0	88.00	183.30	5,005.8	-1,996.1	-45.2	1,996.6	5.63	-5.48	-1.29
6,665.0	87.80	183.70	5,007.1	-2,028.0	-47.2	2,028.6	1.77	-1.25	1.25



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6,096.0	87.90	183.80	5,008.3	-2,059.0	-49.2	2,059.5	1.02	0.97	0.32
6,727.0	88.20	183.90	5,009.3	-2,089.9	-51.3	2,090.5	1.02	0.97	0.32
6,758.0	88.90	183.10	5,010.1	-2,120.8	-53.2	2,121.4	3.43	2.28	-2.58
6,773.0	88.90	183.50	5,010.4	-2,135.8	-54.1	2,136.4	2.67	0.00	2.67
6,780.0	89.20	183.10	5,010.7	-2,152.7	-55.0	2,153.4	2.94	1.76	-2.35
6,821.0	89.40	183.20	5,011.1	-2,183.7	-58.7	2,184.4	0.72	0.65	0.32
6,853.0	89.90	183.10	5,011.3	-2,215.6	-58.5	2,216.4	1.69	1.56	-0.31
6,885.0	90.20	183.30	5,011.2	-2,247.6	-60.3	2,248.4	1.13	0.94	0.63
6,917.0	90.60	183.40	5,011.0	-2,279.5	-62.2	2,280.4	1.29	1.25	0.31
6,949.0	91.00	182.60	5,010.6	-2,311.5	-63.8	2,312.4	2.79	1.25	-2.50
6,980.0	91.50	182.60	5,009.9	-2,342.4	-65.2	2,343.4	1.81	1.61	0.00
7,012.0	91.80	182.80	5,009.0	-2,374.4	-68.7	2,375.3	0.70	0.31	0.63
7,043.0	92.00	182.60	5,008.0	-2,405.4	-68.2	2,406.3	1.44	1.29	-0.65
7,075.0	92.40	182.80	5,008.8	-2,437.3	-69.7	2,438.3	1.40	1.25	0.63
7,107.0	92.50	183.10	5,005.4	-2,469.2	-71.4	2,470.3	0.99	0.31	0.94
7,139.0	91.70	182.20	5,004.3	-2,501.2	-72.8	2,502.2	3.70	-2.50	-2.81
7,170.0	91.60	181.50	5,003.4	-2,532.1	-73.8	2,533.2	2.28	-0.32	-2.26
7,202.0	91.90	181.90	5,002.4	-2,564.1	-74.8	2,565.2	1.56	0.94	1.25
7,234.0	92.00	181.50	5,001.3	-2,596.1	-75.7	2,597.2	1.29	0.31	-1.25
7,266.0	92.30	181.60	5,000.1	-2,628.0	-76.6	2,629.2	0.99	0.94	0.31
7,298.0	93.00	181.80	4,998.6	-2,660.0	-77.5	2,661.1	2.27	2.19	0.63
7,330.0	91.90	181.50	4,997.3	-2,691.9	-78.5	2,693.1	3.56	-3.44	-0.94
7,362.0	90.30	181.30	4,996.7	-2,723.9	-79.2	2,725.1	5.04	-5.00	-0.63
7,394.0	90.10	180.80	4,996.5	-2,755.9	-79.8	2,757.1	1.68	-0.63	-1.56
7,425.0	90.50	180.90	4,996.4	-2,786.9	-80.3	2,788.1	1.33	1.29	0.32
7,457.0	90.60	180.50	4,996.1	-2,818.9	-80.7	2,820.1	1.29	0.31	-1.25
7,489.0	91.10	181.00	4,995.6	-2,850.9	-81.1	2,852.1	2.21	1.56	1.56
7,521.0	91.50	180.50	4,994.9	-2,882.9	-81.5	2,884.1	2.00	1.25	-1.56
7,553.0	92.00	180.30	4,993.9	-2,914.9	-81.7	2,916.0	1.68	1.56	-0.63
7,586.0	92.70	180.60	4,992.5	-2,947.9	-82.0	2,949.0	2.31	2.12	0.91
7,618.0	91.70	181.00	4,991.3	-2,979.8	-82.5	2,981.0	3.37	-3.13	1.25
7,650.0	89.50	180.80	4,991.0	-3,011.8	-83.0	3,013.0	6.90	-6.88	-0.63
7,681.0	89.20	181.00	4,991.3	-3,042.8	-83.4	3,044.0	1.16	-0.97	0.65
7,713.0	89.50	180.60	4,991.7	-3,074.8	-83.9	3,075.9	1.58	0.94	-1.25
7,745.0	89.80	181.30	4,991.9	-3,106.8	-84.4	3,107.9	2.38	0.94	2.19
7,777.0	90.00	181.40	4,991.9	-3,138.8	-85.2	3,139.9	0.70	0.63	0.31
7,809.0	90.20	180.90	4,991.9	-3,170.8	-85.8	3,171.9	1.68	0.63	-1.56
7,841.0	90.60	181.60	4,991.7	-3,202.8	-86.5	3,203.9	2.52	1.25	2.19
7,873.0	91.10	181.20	4,991.2	-3,234.8	-87.3	3,235.9	2.00	1.56	-1.25
7,905.0	91.50	181.50	4,990.5	-3,266.7	-88.0	3,267.9	1.58	1.25	0.94
7,937.0	91.70	181.30	4,989.6	-3,298.7	-88.8	3,299.9	0.88	0.63	-0.63
7,969.0	92.20	181.00	4,988.5	-3,330.7	-89.5	3,331.9	1.82	1.56	-0.94
8,001.0	92.90	181.70	4,987.1	-3,362.7	-90.2	3,363.9	3.09	2.19	2.19
8,033.0	91.50	181.50	4,985.8	-3,394.6	-91.1	3,395.8	4.42	-4.38	-0.63



Archer Directional Drilling Services
Survey Report

Archer

Company: Sandridge Energy, INC.(mid-con.)
 Project: Gray County (KA27N)
 Site: Sec 19-T26S-R29W
 Well: Bleumer 2629 1-19H
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well Bleumer 2629 1-19H
 TVD Reference: KB @ 2745.0usft
 MD Reference: KB @ 2745.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 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)
8,085.0	89.70	181.30	4,985.5	-3,426.6	-91.9	3,427.8	5.66	-5.63	-0.63
8,098.0	88.70	181.20	4,986.0	-3,459.6	-92.6	3,460.8	3.05	-3.03	-0.30
8,130.0	88.90	181.20	4,986.6	-3,491.8	-93.3	3,492.8	0.63	0.63	0.00
8,162.0	89.20	181.60	4,987.2	-3,523.6	-94.1	3,524.8	1.56	0.94	1.25
8,193.0	89.50	181.30	4,987.5	-3,554.6	-94.9	3,555.8	1.37	0.97	-0.97
8,225.0	89.90	181.80	4,987.7	-3,586.5	-95.7	3,587.8	2.25	1.25	1.88
8,257.0	90.00	181.50	4,987.7	-3,618.5	-96.7	3,619.8	1.29	0.31	-1.25
8,289.0	90.40	181.90	4,987.8	-3,650.5	-97.6	3,651.8	1.77	1.25	1.25
8,321.0	90.70	181.60	4,987.3	-3,682.5	-98.6	3,683.8	1.33	0.94	-0.94
8,353.0	91.00	182.00	4,986.8	-3,714.5	-99.6	3,715.8	1.56	0.94	1.25
8,385.0	91.30	181.70	4,986.2	-3,746.5	-100.7	3,747.8	1.33	0.94	-0.94
8,417.0	91.80	181.90	4,985.3	-3,778.4	-101.7	3,779.8	1.68	1.56	0.63
8,448.0	92.00	181.80	4,984.3	-3,809.4	-102.7	3,810.8	0.72	0.65	-0.32
8,480.0	92.00	182.00	4,983.2	-3,841.4	-103.7	3,842.8	0.62	0.00	0.63
8,512.0	91.70	181.30	4,982.1	-3,873.3	-104.6	3,874.7	2.38	-0.94	-2.19
8,544.0	90.40	181.40	4,981.5	-3,905.3	-105.4	3,906.7	4.07	-4.06	0.31
8,576.0	90.00	181.30	4,981.4	-3,937.3	-106.2	3,938.7	1.29	-1.25	-0.31
8,608.0	90.20	180.90	4,981.4	-3,969.3	-106.8	3,970.7	1.40	0.63	-1.25
8,640.0	90.80	181.30	4,981.1	-4,001.3	-107.4	4,002.7	2.25	1.88	1.25
8,672.0	90.70	180.90	4,980.7	-4,033.3	-108.0	4,034.7	1.29	-0.31	-1.25
8,704.0	90.90	180.70	4,980.2	-4,065.3	-108.4	4,066.7	0.88	0.63	-0.63
8,736.0	91.10	180.70	4,979.7	-4,097.3	-108.8	4,098.7	0.63	0.63	0.00
8,768.0	91.60	180.60	4,978.9	-4,129.3	-109.2	4,130.7	1.59	1.56	-0.31
8,800.0	91.50	179.40	4,976.3	-4,221.2	-109.2	4,225.6	1.27	-0.11	-1.26
8,832.0	92.00	179.00	4,973.4	-4,313.1	-107.9	4,320.5	0.67	0.53	-0.42
8,864.0	93.00	179.10	4,970.7	-4,383.1	-106.8	4,384.4	1.57	1.56	0.16
9,118.0	94.10	179.20	4,964.7	-4,478.9	-105.4	4,480.1	1.15	1.15	0.10
9,213.0	95.30	179.00	4,958.9	-4,573.6	-103.9	4,574.7	1.28	1.26	-0.21
9,283.0	95.30	178.40	4,949.5	-4,653.2	-102.1	4,654.2	0.75	0.00	-0.75
9,351.0	95.30	178.40	4,944.2	-4,710.9	-100.5	4,711.9	0.00	0.00	0.00

Last Archer Survey
 Projection to TD

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,107.0	1,107.0	6.0	-5.5	First Archer Survey
9,293.0	4,949.5	-4,853.2	-102.1	Last Archer Survey
9,351.0	4,944.2	-4,710.9	-100.5	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Section 18
26S 29W

Section 17
26S 29W

BLEUMER 2629 1-19H



Miss Entry: 5067'
-101 37.779186

Top Perf: 5530'
-101 37.777888

Section 19
26S 29W

Section 20
26S 29W

Bottom Perf: 8983'
-101 37.768678

BHL: 9351'
-101 37.767615

108' FEL

516' FSL

Section 30
26S 29W

Section 29
26S 29W



Actual Bottom-Hole Location of Bleumer 2629 1-19H

Gray County, Kansas

T&R: 26S 29W

Section: 4, 108' FEL & 516' FSL

Long/Lat: -101 37.767615

1 in = 667 ft

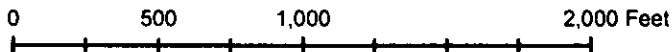


● Actual BH Location

* SandRidge Wells

○ Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 8/31/2012

Drawing Name/Number:

Addendum_Bleumer_2629_1-19H H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502